APPENDIX A

STRATIGRAPHIC LOGS AND WELL CONSTRUCTION DIAGRAMS

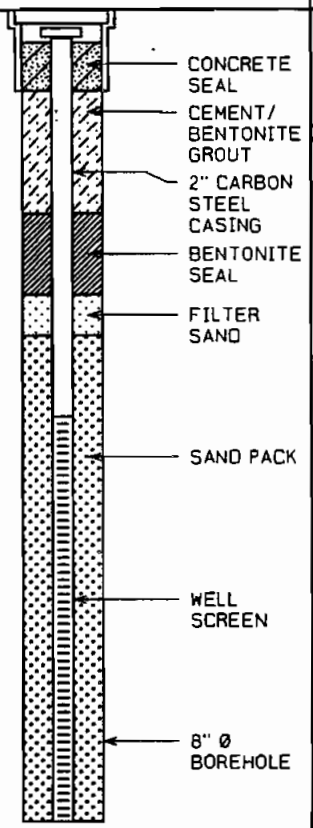
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: SPAULDING COMPOSITES RFI RI/FS
PROJECT NUMBER: 5039
CLIENT: SPAULDING COMPOSITES COMPANY INC.
LOCATION: TONAWANDA, NEW YORK

HOLE DESIGNATION: OW8
DATE COMPLETED: MAY 2, 1995
DRILLING METHOD: 4 ¼" HSA
CRA SUPERVISOR: D. TYRAN

DEPTH ft. BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	ELEV. ft. AMSL
	GROUND SURFACE REFERENCE POINT (Top of Riser)	*596.0 .00*
	CINDER and GRAVEL (FILL)	*595.0*
2.5	MH-SILT (NATIVE), some clay, trace fine sand, trace fine gravel, subangular to round, stiff, laminated, red brown, moist, strong phenol odor	*594.0*
	CH-CLAY, some silt, stiff, moderately plastic, laminated, green-red brown, moist, phenol odor	
5.0	MH-SILT, some clay, stiff, moderately plastic, laminated, red brown, moist, phenol odor, trace rootlets	*591.2*
7.5	- trace fine sand, very stiff	
10.0	- hard - little fine to medium gravel, angular to round	
12.5	- wet sand seam (13.6 to 13.7ft BGS)	
15.0		
17.5	- no phenol odor	
20.0	END OF HOLE @ 20.0ft BGS	*576.0*
22.5		
25.0		
27.5		
30.0		
32.5		

MONITOR INSTALLATION



SCREEN DETAILS
Screened interval:
10.0 to 20.0ft BGS
Length: 10ft
Diameter: 2"
Slot Size: #6
Material: Stainless Steel
Filter Sand:
7.0 to 8.0ft BGS
Material: Ricci Bros. Filter Sand
Sand Pack:
8.0 to 20.0ft BGS
Material: Morie #00 Sand

SAMPLE NUMBER	STATE	'N' VALUE	PID (ppm)
1SS		14	0
2SS		13	0
3SS		10	0
4SS		50	0
5SS		19	0
6SS		34	0
7SS		54	0
8SS		34	0
9SS		59	0
10SS		35	0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽ STATIC WATER LEVEL ▼
CHEMICAL ANALYSIS ⬭

DATE
START 11/10/2010
FINISH 11/10/2010
SHEET 1 OF 2

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. OW-8R
SURF. ELEV 593.81'
G.W. DEPTH See Notes

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS LOCATION: 310 WHEELER STREET
PROJ. NO.: BEV-09-006 TONAWANDA, NEW YORK

DEPTH FT.		SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
								Auger to 4' - No sampling	PID = Photoionzation Detector reading in parts per million (ppm)
									BG = Background PID
5		1	4	2				Brown Silty CLAY, little f-c Sand, tr.gravel (moist, soft, CL)	
			3	5		5	BG		
		2	5	5				Becomes Red-Brown, contains tr.sand (medium)	Sweet Odor noted in S-3, S-4 and S-5
			8	11		13	BG		
		3	7	9					
10			9	11		18	10-30	(stiff)	
		4	5	8					
			10	12		18	140 - 170		
		5	9	11			4-7	Contains little f-m Gravel	
			9	9		20	400 - 450		
15		6	6	7					
			10	13		17	1-3		
		7	10	14				Contains some f-c Gravel	
			11	17		25	10-20	(hard)	
		8	7	8					Moisture on Spoon S-8
20			20	17		28	300 - 350	Contains occasional Silt seams	

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2010
FINISH 11/10/2010
SHEET 2 OF 2

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. OW-8R
SURF. ELEV 593.81'
G.W. DEPTH See Notes

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS LOCATION: 310 WHEELER STREET
PROJ. NO.: BEV-09-006 TONAWANDA, NEW YORK

DEPTH FT.		SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
		9	13	14					Moist-Wet Seam at Approx. 20'
			18	19		32	150 - 200		
								Boring Complete at 22.0'	No free standing water encountered at boring completion.
25									Installed 2" PVC Monitoring Well
									PID = Photoionzation Detector reading in parts per million (ppm)
30									BG = Background PID
35									
40									

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

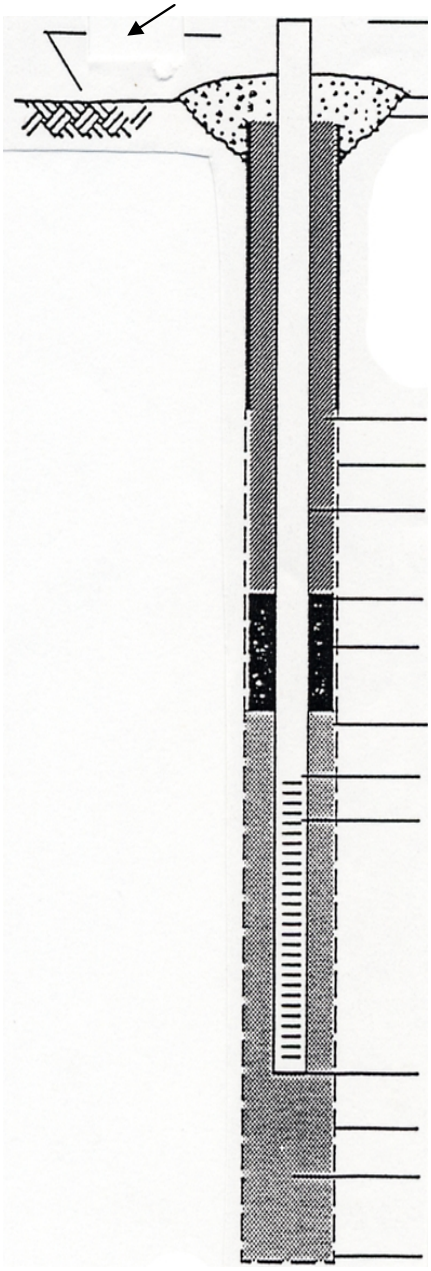
DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

MONITORING WELL COMPLETION RECORD

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS	
PROJECT NUMBER: BEV-09-006	DRILLING METHOD: ASTM D-1586
WELL NUMBER: OW-8R	GEOLOGIST: ------ D. Steiner
DRILLER: K. FULLER	INSTALLATION DATE(S): 11/10/2010

GROUND ELEVATION 593.81



ELEVATION/TOP OF RISER PIPE:

STICK- UP/ TOP OF RISER PIPE: 3.0'

TYPE OF SURFACE SEAL: CEMENT/BENTONITE

TYPE OF BACKFILL: CEMENT/BENTONITE MIX

BOREHOLE DIAMETER: +/- 8"

I.D. OF RISER PIPE: 2.0"

TYPE OF RISER PIPE: PVC

DEPTH TOP OF SEAL: 6.9

TYPE OF SEAL: BENTONITE CHIPS

DEPTH TOP OF SAND PACK: 9.2

DEPTH OF TOP OF SCREEN: 11.7'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: .010 X 10.0'

I.D. OF SCREEN: 2.0"

TYPE OF SAND PACK: MORIE "O" FILTER SAND

DEPTH BOTTOM OF SCREEN: 21.9'

DEPTH BOTTOM OF SAND PACK: 21.9'

TYPE OF BACKFILL BELOW OBSERVATION WELL: N/A

ELEVATION/ DEPTH OF HOLE: 21.9'

TEST BORING/MONITORING WELL LOG

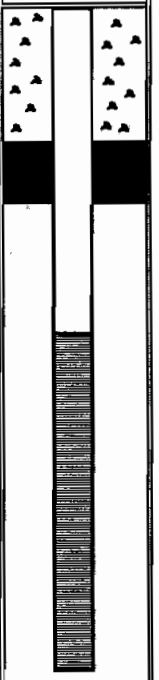
LEADER ENVIRONMENTAL, INC.
2300 WEHRLE DRIVE
WILLIAMSVILLE, NEW YORK 14221

TEST BORING/MONITORING WELL DESIGNATION:
Well A **Page 1 of 1**

PROJECT: Spaulding Composites
LOCATION: Tonawanda, New York
TOTAL DEPTH: 20'
SCREEN DIA.: 2"
CASING DIA.: 2"
DRILLING COMPANY: SJB Services
TOP OF CASING ELEV.: 593.02'

PROJECT NUMBER: 214.002
CLIENT: Spaulding Composites
DRILLING METHOD: HSA
SCREEN LENGTH: 10 feet
CASING LENGTH: 10 feet
DRILLER:
GROUND SURFACE ELEV: NA

DATE: October 22, 1998
PROJECT MANAGER: GTW
SAMPLIG METHOD: 6 ¼ HSA
SCREEN TYPE: PVC
CASING TYPE: PVC
LOG BY: Glenn T. Wygant
GROUND WATER ELEV.: 581.38' (12/18/98)

DEPTH (Feet)	BLOWS/6"	SAMPLE NO.	N-VALUE	REC. (Inches)	SAMPLE DESCRIPTION	WELL CONST.
2	5-7-9-11	S-1	16	12'	Light brown cmf SAND and CLAYEY SILT, dry. [SAND & CLAYEY SILT]	
4	6-11-15-20	S-2	26	16"	... dry.	
					4.0'	
6	6-11-15-16	S-3	26	11"	Reddish brown, SILTY CLAY and f SAND, moist. [SILTY CLAY & SAND]	
8	11-15-15-17	S-4	30	21"		
10	9-15-16-50/1"	S-5	31	18"	... with Cobbles.	
12	REFUSAL	S-6	NA	Cobble in tip		
14	45-16-17-17	S-7	33	Cobble in tip	... wet.	
16	23-28-20-22	S-8	48	2"		
18	25-30-36-34	S-9	66	2"		
20	7-8-9-25	S-10	17	20"		
					Bottom of hole 20.0'.	

Note:

1. Flush mount casing installed. Bolted cover, inner lock.
2. Well installation specifies: Screen (0.010) from 20' to 10'; sand (0 Morie) from 20' to 6'; pellets from 6' to 4'; grout from 4' to surface.

TEST BORING/MONITORING WELL LOG

LEADER ENVIRONMENTAL, INC.
2300 WEHRLE DRIVE
WILLIAMSVILLE, NEW YORK 14221

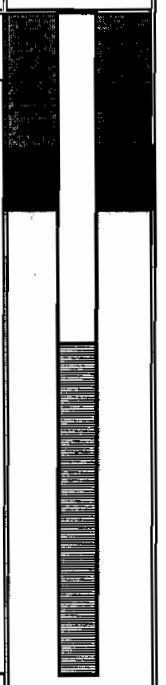
TEST BORING/MONITORING WELL DESIGNATION:
Well B **Page 1 of 1**

PROJECT: Spaulding Composites
LOCATION: Tonawanda, New York
TOTAL DEPTH: 20'
SCREEN DIA.: 2"
CASING DIA.: 2"
DRILLING COMPANY: SJB Services
TOP OF CASING ELEV.: 593.28'

PROJECT NUMBER: 214.002
CLIENT: Spaulding Composites
DRILLING METHOD:HSA
SCREEN LENGTH: 10 feet
CASING LENGTH: 10 feet
DRILLER:
GROUND SURFACE ELEV: NA

DATE: October 22, 1998
PROJECT MANAGER: GTW
SAMPLIG METHOD: 6 ¾ HSA
SCREEN TYPE: PVC
CASING TYPE: PVC
LOG BY: Glenn T. Wygant
GROUND WATER ELEV.: 585.37' (12/18/98)

DEPTH (Feet)	BLOWS/6"	SAMPLE NO.	N-VALUE	REC. (Inches)	SAMPLE DESCRIPTION	WELL CONST.
2	5-9-11-15	S-1	20	8'	Dark grey, cmf SAND, little silt, dry. [SAND]	
					2.0'	
4	8-11-18-20	S-2	29	16"	Reddish brown, SILTY CLAY, little f Sand, moist. [SILTY CLAY]	
6	8-12-16-18	S-3	28	14"		
8	17-18-21-20	S-4	39	17"	... with dropstones.	
10	5-13-16-18	S-5	29	10"	... moist/wet.	
12	7-11-14-17	S-6	25	21"		
14	15-17-20-18	S-7	37	24"		
16	5-7-11-15	S-8	18	17"	... with vertical fracture.	
18	14-16-20-21	S-9	36	23"		
20	14-16-20-21	S-10	36	23"	... with wet secondary fractures.	
					Bottom of hole 20.0'.	



Note:

1. Flush mount casing installed. Bolted cover, inner lock.
2. Well installation specifies: Screen (0.010) from 20' to 10'; sand (0 Morie) from 20' to 6'; pellets from 6' to 4'; grout from 4' to surface.

LiRo Engineers, Inc.

BORING NO. 43

PROJECT	SPAULDING RIBBS	**SHEET:**	
CLIENT	BCLDA	**JOB NO:**	
BORING CONTRACTOR	BUFFALO DRILLING	**BORING LOCATION:**	
GROUNDWATER		**GROUND ELEVATION:**	
DATE / **TIME** / **LEVEL**		**DATE STARTED:**	11/7/07
TYPE		**DATE FINISHED:**	11/8/07
DRILLER:	CHARLES INGALLS	**GEOLOGIST:**	MIKE BYRNE
REVIEWED BY:			

	CAS.	SAMPLER	CORE	TUBE
TYPE		SS		
DIA.		2"		
WT.		140#		
FALL		30"		

* POCKET PENETROMETER READING

DEPTH	STRATA	SAMPLE NO.	SAMPLE TYPE	BLOWS PER 6"	RECOVERY ROD %	DESCRIPTION COLOR	CONSISTENCY HARDNESS	MATERIAL DESCRIPTION	CLASS USCS	REMARKS PID	REMARKS moisture
								7" SLAB			
								12' VOID SPACE			
5								(BASEMENT)			
10											
15		1	SS	3 3 / 5 9	35	BRN		6" SLAB CLAYEY SILT TRACE TO SOME GRAVEL	ML	ND	DRY
		2	SS	10 14 / 15 19	90						
		3	SS	8 10 / 14 14	90						
20		4	SS	10 12 / 17 15	90						
		5	SS	9 10 / 12 12	50						
		6	SS	11 14 / 15 17	30						
25		7	SS	15 19 / 21 19	50						
		8	SS	12 11 / 14 14	70						
30								BORING TERMINATED @ 29' BGS ANALYTICAL SAMPLE @ 13'-15'			
35											

COMMENTS: WSA RIG
TUBE INSTALLED - 12.5' TO 18.0' RISER 18'-28' SCREEN

PROJECT NO. : **BORING NO. :** 43

DRILLING SUMMARY

Geologist: MIKE BYRNS

Drilling Company: BUFFALO DRILLING

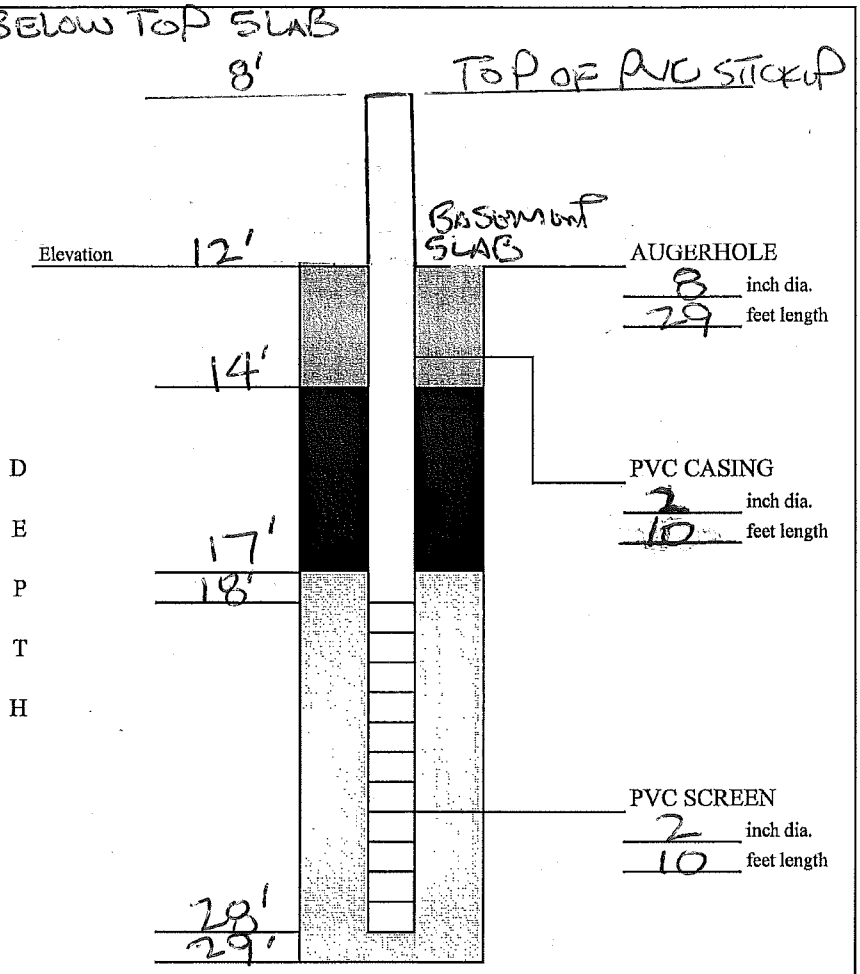
Driller: CHARLIE WEAVER

Rig Make/Model: MOBIL B-60

Date: 11/8/07

GEOLOGIC LOG

Depth(ft.)	Description
0-12'	BASEMENT VOID SPACE
12'-29'	7" SLAB BROWN CLAYEY SILT, TRACE TO SOME GRAVEL



WELL DESIGN

CASING MATERIAL	SCREEN MATERIAL	FILTER MATERIAL
Surface: STICKUP CASING IN BASEMENT	Type: 2" SCHEDULE 40 PVC	Type: #2 SAND Setting: 17'-29'
Monitor: PVC	Slot Size: 20 SLOT	SEAL MATERIAL Type: BENTONITE CHIPS Setting: 14'-17'

COMMENTS:

LEGEND

- Cement/Bentonite Grout
- Bentonite Seal
- Silica Sandpack

Client: ECOA	Location: SPAULDING FIBRE	Project No.:
The LiRo Group	MONITORING WELL CONSTRUCTION DETAILS	Well Number: MW-43

DATE
START 11/10/2010
FINISH 11/10/2010
SHEET 1 OF 2

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-43R
SURF. ELEV 594.35'
G.W. DEPTH See Notes

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS LOCATION: 310 WHEELER STREET
PROJ. NO.: BEV-09-006 TONAWANDA, NEW YORK

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
							Auger to 10' - No sampling (Through Old Basement)	PID = Photoionzation Detector reading in parts per million (ppm)
5								BG = Background PID
10								
	1	3	2				Red-Brown Silty CLAY, tr.-little f-m Sand (moist, soft, CL)	Sand at bottom of Sample S-1, may be old sand pack.
		1	1		3	BG		
	2	3	2				Contains some f-c Gravel (wet, FILL)	Poor Recovery S-2
		1	2		3	BG		Water in Spoon S-2, S-3, S-4 and S-5
15	3	1	WOH/ 18		WOH		Contains f-m Sand, tr.-little Silty Clay (wet, sandpack sand)	
						BG		
	4	3	1					
		2	3		3	BG		
	5	17	15					
20		8	9		23	BG		

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

DATE
START 11/10/2010
FINISH 11/10/2010
SHEET 2 OF 2

SJB SERVICES, INC.
SUBSURFACE LOG

HOLE NO. MW-43R
SURF. ELEV 594.4'
G.W. DEPTH See Notes

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS LOCATION: 310 WHEELER STREET
PROJ. NO.: BEV-09-006 TONAWANDA, NEW YORK

DEPTH FT.		SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	PID	SOIL OR ROCK CLASSIFICATION	NOTES
		6	1	2					
			1	3		3	35 - 45	Red-Brown Silty CLAY, tr.sand, tr.gravel (moist, soft, CL)	
								Boring Complete at 22.0'	Free standing water recorded at 2.4' after well installation.
25									Installed 2" PVC Monitoring Well
30									PID = Photoionzation Detector reading in parts per million (ppm)
									BG = Background PID
35									
40									

N = NO. BLOWS TO DRIVE 2-INCH SPOON 12-INCHES WITH A 140 LB. PIN WT. FALLING 30-INCHES PER BLOW CLASSIFIED BY: Geologist

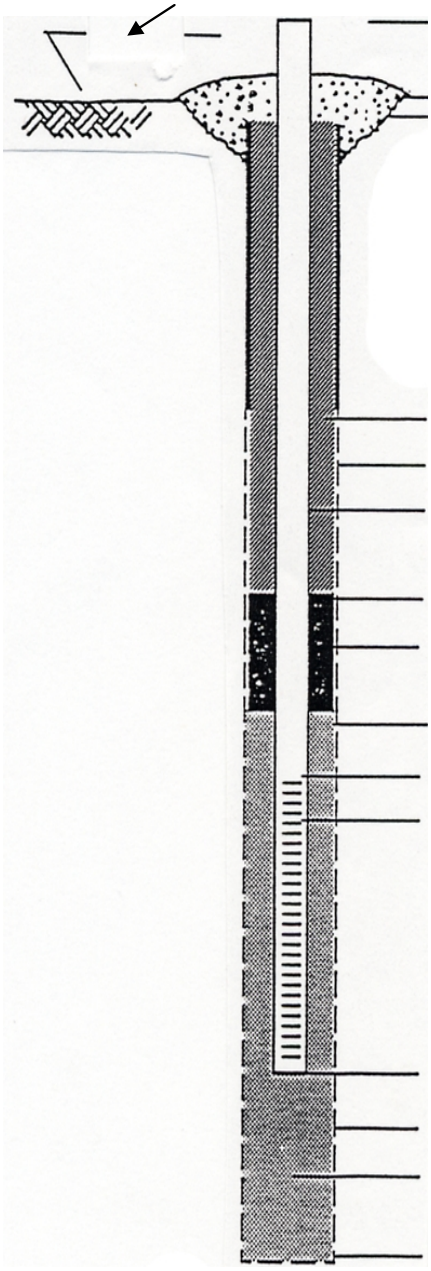
DRILLER: K. FULLER DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

MONITORING WELL COMPLETION RECORD

PROJECT: SPAULDING FIBRE REPLACEMENT WELLS	
PROJECT NUMBER: BEV-09-006	DRILLING METHOD: ASTM D-1586
WELL NUMBER: MW-43R	GEOLOGIST: ------ D. Steiner
DRILLER: K. FULLER	INSTALLATION DATE(S): 11/10/2010

GROUND ELEVATION 594.35



ELEVATION/TOP OF RISER PIPE:

STICK- UP/ TOP OF RISER PIPE: 2.2'

TYPE OF SURFACE SEAL: CEMENT/BENTONITE

TYPE OF BACKFILL: CEMENT/BENTONITE MIX

BOREHOLE DIAMETER: +/- 8"

I.D. OF RISER PIPE: 2.0"

TYPE OF RISER PIPE: PVC

DEPTH TOP OF SEAL: 6.5'

TYPE OF SEAL: BENTONITE CHIPS

DEPTH TOP OF SAND PACK: 8.8'

DEPTH OF TOP OF SCREEN: 11.2'

TYPE OF SCREEN: PVC

SLOT SIZE X LENGTH: .010 X 10.0'

I.D. OF SCREEN: 2.0"

TYPE OF SAND PACK: MORIE "O" FILTER SAND

DEPTH BOTTOM OF SCREEN: 21.4

DEPTH BOTTOM OF SAND PACK: 21.4'

TYPE OF BACKFILL BELOW OBSERVATION WELL: N/A

ELEVATION/ DEPTH OF HOLE: 21.4'

APPENDIX B

WELL DEVELOPMENT AND PURGE LOGS

MONITORING WELL OW-8R

SB SERVICES, INC.

11/19/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. OW-8R Site: NYSDEC- Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Sunny, Sl. Breeze, 30s

Volume Calculation: Water level 9.68'

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.48 Gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	comments
0930	9.68	24.88	Initial	7.62	72.48	12.27	Clear		5.31	Becomes Cloudy-2nd Bailer
1000	20.88		10.0	7.54	73.52	11.73	Cloudy		1885	~4 well volumes
1013	22.90		12.5	7.43	73.54	11.71	Cloudy-Red Brown		9800	~5 well volumes
1023	Dry		15.0	7.55	72.60	11.65	As Above		555000	~6 well volumes
1108	22.98									
1128	22.75									
		Sample Readings								

Comments: Well Development

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: DJ Ball

Date: 11/19/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

11/22/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. OW-8R Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Overcast, Rain

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.90 gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	Comments
	13.19	24.88	Initial							
			2.0	7.59	71.48	13.33	cloudy	Y	23000	sl. odor ~1 well volume
			4.0	7.47	70.84	12.88	cloudy	Y	N/A	~2 well volume sl. odor
			6.0	7.39	70.50	12.70	cloudy	Y	N/A	~3 well volumes odor
		Sample Readings								

Comments: Odor - Possible Formaldehyde
Samples Collected on 11/23/10; see chain of custody
For Parameters/Analytes; Pressure Released when
Expandable Plug Removed

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 11/23/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. OW-8R Site: NYSDEC- Spaulding

Purging Method: Pumped ☐ Bailed ☑ Other: _____

Pump Type: _____ Bailer Type: 1 1/2" O.D disposable

Weather Conditions: Sunny, humid, breezy 80°

Volume Calculation: Padlock #3232 14.15 x 0.16 = 2.24 (x 5 = 11.2)(x 3 = 6.7)

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.24

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	NTU Turbidity	
0920	10.55	24.70	Initial							
			2	7.72	68.96	15.48	Clear	Y		
			4	7.80	65.42	13.52	Clear	Y		
			6	7.68	68.52	12.76	Clear	Y		
			8	7.65	71.19	12.65	Clear	Y		
			10	7.69	74.28	12.41	Lt. Brn	Y		
1010			11 (Dry)	7.63	73.40	12.44	Lt. Brn	Y		Bailer touches bottom
8/9/11	Light rain, humid, 70°									
0856	17.24	Top of	water column before sampling						8.56	
0926		After	filling all sample bottles						81.6	
		Sample Readings								

Comments: Pressure released when gripper plug removed. ~6" red-brn suspended mud at bottom. Groundwater samples collected on 8-9-11.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
✓ 2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: R. Fuchsen

Date: 08/08/11

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. OW-8R Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Cloudy, Cool

Volume Calculation: 16.67' x 0.1632 = 2.72 Gallons

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.72 Gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
1024	8.19	24.86	Initial						
			3	7.70	57.43	10.39	Gray Tint	Y	Cloudy
			6	7.62	63.48	10.96	Gray Tint	Y	Sl. Cloudy
1110	19.21		8.5	7.52	68.02	10.68	Gray Tint	Y	Sl Cloudy
1130	18.42	Sample Readings		7.93	64.70	10.51	Gray Tint	Y	66.4 Sl. Cloudy

Comments:

Odor Is Vy Faint

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: SJ Ball

Date: 1 / 5 / 2012

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

MONITORING WELL OW-A

SJB SERVICES, INC.

11/22/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. OW-A Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Overcast Rain

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.22

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	Comments
	5.78	19.38	Initial							
			2.25	7.38	201.4	14.11	Cloudy	Y	14700	~1 Well Volume sl. turbid
			4.50	7.35	211.9	14.09	Cloudy	Y	11900	~2 Well Volumes sl. turbid
			7.00	7.36	264.3	13.84	Cloudy Brown	Y	N/A	~3 well volumes
		Sample Readings								

Comments: Odor- Sulfur-Like; Samples Collected on 11/23/10; See Chain of Custody For Analytes/Parameters; Water Level Before Samples Taken 9.18

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 11/23/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. OW-A Site: NYSDEC - Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1 1/2" O.D. disposable

Weather Conditions: sunny, humid, breezy 80°

Volume Calculation: 13.04 x 0.16 = 2.09 (x5 = 10.5) (x3 = 6.3)

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.09

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	NTU Turbidity	
1125	6.23	19.27	Initial							
			2	8.41	194.2	16.35	sl. brn	N		
			4	8.02	191.8	15.30	do.	N		
			6	7.99	196.6	14.48	do.	N		
1205			8 (Dry)	7.98	201.1	13.93	do.	Y		Gray-blk @ bottom, sl. sulfur odor.
8/9/11	Light	rain 70°								Bailer touches bottom.
0724	9.68	Top of	water column before sampling						16.4	
0800		After	filling all sample bottles						53.1	
		Sample Readings								

Comments: Water in suspended bailer. +/- 1' of gray-black material (bacteria?) in bottom well. Groundwater samples collected 8-9-11.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
✓ 2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: R. Fuehrer

Date: 08/08/11

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEY-05-006 Well No. OWA Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Cloudy, Cool

Volume Calculation: 13.65' x 0.1632 = 2.23 Gallons

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.23Gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
0802	5.62	19.27	Initial						
			2	7.92	182.2	9.92	VY Sl. Turbid	No	
			4	7.86	172.4	11.39	Sl. Turbid Sl. Brown Tint	No	
			6	7.82	170.6	11.32	Sl Cloudy Sl Brown Tint	No	
0842			7	7.77	180.2	11.28	Sl Brown Tint	No	
0900	12.48	Sample Readings		7.73	1806	10.95	VY Sl. Cloudy	No	30.9

Comments: _____

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: N J Ball

Date: 1/5/12

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

MONITORING WELL OW-B

SJB SERVICES, INC.

11/22/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. OW-B Site: NYSDEC- Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Overcast; Rain

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.11

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	Comments
1034	6.11	19.05	Initial		30.99	13.29	Clear	N	10.29	
			2.25	8.41	64.39	13.99	Sl turbid	N	4230	~1 well volume
			4.25	7.81	65.42	13.96	Sl turbid	N	7680	~2 well volumes
			6.50	7.66	63.52	13.84	Sl. turbid Brown	N	10520	~3 well volumes
			8.50	7.60	64.12	13.62	turbid Brown	N	N	~4 well volumes
		Sample Readings								

Comments: Samples Collected on 11/23/10; See Chain of Custody, For Parameters/Analytes; Water Level Before Sampler Taken 10.84

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: SJ Bachenek DRS

Date: 11/23/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. OW-B Site: NYSDEC - Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. disposable

Weather Conditions: Sunny, humid, breezy 80°

Volume Calculation: 12.02 x 0.16 = 1.92 (x 5 = 9.60) (x 3 = 5.76)

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.92

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	NTU Turbidity	
1215	6.86	18.88	Initial							
			2	8.21	62.72	14.50	clear	N		
			4	8.06	60.96	13.92	do.	N		
1240			6 (Dry)	8.03	62.06	13.69	Brn	N		Bailer touches bottom.
8/9/11	overcast, v. light rain, humid, 70°									
0650	8.45	Top of water column before sampling							22.1	
0712		After filling all sample bottles							23.6	
		Sample Readings								

Comments: 6" brn suspended mud at bottom.
Groundwater samples collected on 8-9-11.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
✓ 2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: R. Fuhrmann

Date: 08/08/11

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEY-09-006 Well No. OW-B Site: NYSDEC-Spalding

Purging Method: Pumped [X] Bailed [ ] Other:

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Cloudy, Cool

Volume Calculation: 12.47' x 0.1632 = 2.04 Gallons

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.04 Gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
1426	6.41	18.88	Initial						
			2	832	55.84	11.80	Sl. Turbid	No	
			4	823	56.48	11.81	Sl. Cloudy	No	
1442			5.5 (Dry)	8.11	57.08	11.90	Cloudy Brown	NO	
1530	11.56	Sample Readings		7.92	50.56	10.83	Sl. Cloudy	No	52.4

Comments: _____

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken [ ] Time: _____

Well Duplicate [ ] No.: _____

Signature: JJ Ball

Date: 1/5/12

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

MONITORING WELL MW-43R

SJB SERVICES, INC.

11/19/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. MW-43R Site: NYSDEC- Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Sunny, SL Breeze, 30s

Volume Calculation: Water level 3.82'

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.22 gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	Comments
1040	3.82	17.45 (soft)	Initial	10.41	40.80	10.56	Cloudy		17990	
1051	13.51		2.25	11.29	40.93	11.85	Ext Turbid Red Brown			~1 well volume, Fines Present
1056	Dry		3.5	11.39	32.53	12.14	As Above			~1.5 well volumes, Fines Present
1110	15.09									
1126	12.28									
1152	9.46	18.97								
1206	15.77		4.5	10.82	31.84	11.79	As Above			~2 well volumes, Fines Present
1215	Dry	22.98	6.0	11.19	30.37	10.82	As Above			~2.5 well volumes Fines Present
1328	6.62									
1336	Dry		9.0	11.25	32.61	10.57	As Above			~4 well volumes Fines Present
		Sample Readings								

Comments: Well Development

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: AJ Ball

Date: 11/19/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

11/19/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. MW-43R Site: NYSDEC - Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Sunny, Sl. Breeze, 30s

Volume Calculation: Water level 3.82'

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.22 gallons

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	Comments
1448	6.92									
1504	Dry		12.5	No Measurements Taken						~5.5 Well Volumes Fines Present
1549	11.21									
1600	Dry		14.5	11.38	30.7	9.62	As Above			~6.5 Well Volumes Fine present
		Sample Readings								

Comments: Well Development

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: (pg. 1)

Date: / /

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

11/23/10 *Well Purging and Sample Collection*

Project No.: BEV-09-006 Well No. MW-43R Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Overcast; Occassional Rain

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 3.39

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity	
	2.78	23.57	Initial							
			3.50	10.41	31.31	13.62	Cloudy Brown	N	N/A	~1 well volume; some fines
			4.5	10.91	3316	13.22	Turbid Brown	N	N/A	Dry
		Sample Readings								

Comments: See Chain of Custody For Analytes/ Parameters; Water Became Turbid Brown After Purging 2.0 Gallons

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 11/23/10

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. MW-43R Site: NYSDEC - Spaulding

Purging Method: Pumped ☐ Bailed ☑ Other: _____

Pump Type: _____ Bailer Type: 1 1/2" O.D. disposable

Weather Conditions: Sunny, humid, breezy 80°

Volume Calculation: 17.52 x 0.16 = 2.80 (x5 = 14.0) (x3 = 8.4)

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 2.80

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	NTU Turbidity	
1040	5.87	23.39	Initial							
			2.5	10.52	19.10	13.66	clear Lt. Brn	N		
1115			3.5 (Dry)	10.51	19.45	13.03	Brn	Y?		Bailer touches bottom. Faint odor?
8/9/11	Light rain, humid 70°									
0814	3.52	Top of water column before sampling							13.1	
0850		After filling all sample bottles							39.9	
	(Water has a light green color and is foamy)									
		Sample Readings								

Comments: No pressure in well. Suspended bailer was full of water. 8" brn suspended mud at bottom.
Ground water samples collected 8-9-11.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
✓ 2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: R. Auburn

Date: 08/08/11

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: BEV-09-006 Well No. MW-43R Site: NYSDEC-Spaulding

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 1½" O.D. Disposable

Weather Conditions: Cloudy, Cool

Volume Calculation: 14.13' x 0.1632 = 2.31

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: _____

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	Turbidity
0950	9.46	23.59	Initial						
			2	10.86	15.82	10.45	Clear-Yellow Tint	N	
1009			3 (Dry)	10.80	15.59	10.81	Sl. Cloudy, Yellow Green Tint	Y	
1215	12.04	Sample Readings		11.21	14.88	10.41	Clear-Yellow Tint	Y	17.9

Comments: Purged Water "Foamy" When Poured Into Bucket
Sl. Concrete Odor

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: DJ Bull

Date: 1/5/12

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

APPENDIX C

SOIL ANALYTICAL RESULTS

SOIL RESULTS FOR
BORING OW-8R

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK0878

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/10/10
Reported: 11/18/10 09:46

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK0878-01 (OW-8R, 11-15 - Solid)						**Sampled: 11/10/10 15:20**		**Recvd: 11/10/10 17:15**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		5.4	0.39	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,1,2,2-Tetrachloroethane	ND		5.4	0.88	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,1,2-Trichloroethane	ND		5.4	0.71	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.4	1.2	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,1-Dichloroethane	ND		5.4	0.66	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,1-Dichloroethene	ND		5.4	0.67	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2,4-Trichlorobenzene	ND		5.4	0.33	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dibromo-3-chloropropane	ND		5.4	2.7	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dibromoethane	ND		5.4	0.70	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dichlorobenzene	ND		5.4	0.43	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dichloroethane	ND		5.4	0.27	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dichloropropane	ND		5.4	2.7	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,3-Dichlorobenzene	ND		5.4	0.28	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,4-Dichlorobenzene	ND		5.4	0.76	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
2-Butanone	ND		27	2.0	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
2-Hexanone	ND		27	2.7	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
4-Methyl-2-pentanone	ND		27	1.8	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Acetone	**11**	J	27	4.6	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Benzene	ND		5.4	0.27	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Bromodichloromethane	ND		5.4	0.73	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Bromoform	ND		5.4	2.7	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Bromomethane	ND		5.4	0.49	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Carbon disulfide	ND		5.4	2.7	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Carbon Tetrachloride	ND		5.4	0.53	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Chlorobenzene	ND		5.4	0.72	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Dibromochloromethane	ND		5.4	0.70	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Chloroethane	ND		5.4	1.2	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Chloroform	ND		5.4	0.34	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Chloromethane	ND		5.4	0.33	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
cis-1,2-Dichloroethene	ND		5.4	0.70	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
cis-1,3-Dichloropropene	ND		5.4	0.78	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Cyclohexane	ND		5.4	0.76	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Dichlorodifluoromethane	ND		5.4	0.45	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Ethylbenzene	ND		5.4	0.38	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Isopropylbenzene	ND		5.4	0.82	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Methyl Acetate	ND		5.4	1.0	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Methyl-t-Butyl Ether (MTBE)	ND		5.4	0.53	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Methylcyclohexane	ND		5.4	0.83	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Methylene Chloride	**4.4**	J	5.4	2.5	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Styrene	ND		5.4	0.27	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Tetrachloroethene	ND		5.4	0.73	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Toluene	ND		5.4	0.41	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
trans-1,2-Dichloroethene	ND		5.4	0.56	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
trans-1,3-Dichloropropene	ND		5.4	2.4	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Trichloroethene	ND		5.4	1.2	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Trichlorofluoromethane	ND		5.4	0.51	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
Vinyl chloride	ND		5.4	0.66	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK0878

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/10/10
Reported: 11/18/10 09:46

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK0878-01 (OW-8R, 11-15 - Solid) - cont.							**Sampled: 11/10/10 15:20**		**Recvd: 11/10/10 17:15**	
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		11	0.91	ug/kg dry	1.00	11/15/10 14:21	RJ	10K1433	8260B
1,2-Dichloroethane-d4	*107 %*		*Surr Limits: (64-126%)*				*11/15/10 14:21*	*RJ*	*10K1433*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (72-126%)*				*11/15/10 14:21*	*RJ*	*10K1433*	*8260B*
Toluene-d8	*102 %*		*Surr Limits: (71-125%)*				*11/15/10 14:21*	*RJ*	*10K1433*	*8260B*
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND		190	40	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4,6-Trichlorophenol	ND		190	12	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4-Dichlorophenol	ND		190	9.7	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4-Dimethylphenol	**490**		190	50	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4-Dinitrophenol	ND		360	65	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4-Dinitrotoluene	ND		190	29	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,6-Dinitrotoluene	ND		190	45	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Chloronaphthalene	ND		190	12	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Chlorophenol	ND		190	9.4	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Methylnaphthalene	ND		190	2.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Methylphenol	**280**		190	5.7	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Nitroaniline	ND		360	60	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2-Nitrophenol	ND		190	8.5	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
3,3'-Dichlorobenzidine	ND		190	160	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
3-Nitroaniline	ND		360	43	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4,6-Dinitro-2-methylphenol	ND		360	64	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Bromophenyl phenyl ether	ND		190	59	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Chloro-3-methylphenol	ND		190	7.6	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Chloroaniline	ND		190	54	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Chlorophenyl phenyl ether	ND		190	4.0	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Methylphenol	**2300**		190	10	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Nitroaniline	ND		360	21	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
4-Nitrophenol	ND		360	45	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Acenaphthene	ND		190	2.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Acenaphthylene	ND		190	1.5	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Acetophenone	ND		190	9.5	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Anthracene	ND		190	4.8	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Atrazine	ND		190	8.3	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzaldehyde	ND		190	20	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzo(a)anthracene	ND		190	3.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzo(a)pyrene	ND		190	4.5	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzo(b)fluoranthene	ND		190	3.6	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzo(ghi)perylene	ND		190	2.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Benzo(k)fluoranthene	ND		190	2.0	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Biphenyl	ND		190	12	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Bis(2-chloroethoxy)methane	ND		190	10	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Bis(2-chloroethyl)ether	ND		190	16	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,2'-Oxybis(1-Chloropropane)	ND		190	19	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Bis(2-ethylhexyl) phthalate	**310**		190	60	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK0878

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/10/10
Reported: 11/18/10 09:46

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK0878-01 (OW-8R, 11-15 - Solid) - cont.						**Sampled: 11/10/10 15:20**		**Recvd: 11/10/10 17:15**		
Semivolatile Organics by GC/MS - cont.										
Butyl benzyl phthalate	ND		190	50	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Caprolactam	ND		190	80	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Carbazole	ND		190	2.1	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Chrysene	ND		190	1.9	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Dibenzo(a,h)anthracene	ND		190	2.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Dibenzofuran	ND		190	1.9	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Diethyl phthalate	ND		190	5.6	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Dimethyl phthalate	ND		190	4.8	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Di-n-butyl phthalate	ND		190	64	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Di-n-octyl phthalate	ND		190	4.3	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Fluoranthene	ND		190	2.7	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Fluorene	ND		190	4.3	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Hexachlorobenzene	ND		190	9.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Hexachlorobutadiene	ND		190	9.5	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Hexachlorocyclopentadiene	ND		190	56	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Hexachloroethane	ND		190	14	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Indeno(1,2,3-cd)pyrene	ND		190	5.1	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Isophorone	ND		190	9.3	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Naphthalene	ND		190	3.1	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Nitrobenzene	ND		190	8.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
N-Nitrosodi-n-propylamine	ND		190	15	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
N-Nitrosodiphenylamine	ND		190	10	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Pentachlorophenol	ND		360	64	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Phenanthrene	ND		190	3.9	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Phenol	**1700**		190	20	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
Pyrene	ND		190	1.2	ug/kg dry	1.00	11/15/10 16:17	MKP	10K1139	8270C
2,4,6-Tribromophenol	*85 %*		*Surr Limits: (39-146%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
2-Fluorobiphenyl	*69 %*		*Surr Limits: (37-120%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
2-Fluorophenol	*59 %*		*Surr Limits: (18-120%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
Nitrobenzene-d5	*53 %*		*Surr Limits: (34-132%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
Phenol-d5	*61 %*		*Surr Limits: (11-120%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
p-Terphenyl-d14	*88 %*		*Surr Limits: (58-147%)*				*11/15/10 16:17*	*MKP*	*10K1139*	*8270C*
General Chemistry Parameters										
Percent Solids	**89**		0.010	NR	%	1.00	11/11/10 16:35	JRR	10K1054	Dry Weight

Chain of Custody Record

Temperature on Receipt: ____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client: NYSDEC-REGION 9	Project Manager: GLENN MAY / DAVE STEINER EMPIRE GEO	Date: 11-10-10	Chain of Custody Number: 183184
Address: 270 MICHIGAN AVE	Telephone Number (Area Code)/Fax Number: 716-851-7220 / 716-649-8110	Lab Number:	Page ____ of ____
City: BUFFALO; State: NY; Zip Code: 14203	Site Contact:	Lab Contact:	
Project Name and Location (State): SPAULDING FIBRE, TONAWANDA, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Solid	Containers & Preservatives: Unpres.	HNO3	NaOH	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): TCL-VOCs	TCL-SVOCs	Special Instructions/ Conditions of Receipt
OW-8R, 11'-15'	11-10-10	1520				X	X								PID UP TO ≈500 ppm

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other: STD. TAT

QC Requirements (Specify): NYSDEC CLP

	Relinquished By	Date	Time	Received By	Date	Time
1.	Dan R. Steiner	11-10-10	1715			
2.						
3.						

Comments:

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

APPENDIX D

GROUNDWATER ANALYTICAL RESULTS

GROUNDWATER RESULTS FOR MONITORING WELLS OW-8 & OW-8R

TABLE 6.13
GROUNDWATER MONITORING WELL DATA
RCRA FACILITY INVESTIGATION AND REMEDIAL INVESTIGATION
SPAULDING COMPOSITES COMPANY, INC.
TONAWANDA, NEW YORK

Well ID:		*OW-6*	*OW-6*	*OW-6*	*OW-7*	*OW-7*	*OW-8*	*OW-8*	*OW-8*
Sample ID:		*W-072396-DJT-006*	*SC-1014*	*SC-1004*	*W-072496-DJT-017*	*SC-1005*	*W-072496-DJT-015*	*W-072496-DJT-016*	*SC-1008*
Collection Date:		*07/23/96*	*11/22/96*	*11/22/96 (Duplicate)*	*07/24/96*	*11/22/96*	*07/24/96*	*07/24/96 (Duplicate)*	*11/22/96*
	NYSDEC Groundwater Standards (1)								
TCL Volatiles (µg/L)									
Acetone	50 *	10 U	10 U	10 U	10 U	44 U	170	140	210 U
Benzene	0.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.8J	2.8J	3.2J
Bromodichloromethane	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	50 *	10 U	10 U	10 U	10 U	10 U	19	18	26
Carbon disulfide	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	11
Carbon tetrachloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.6J	5.0 U	5.0 U
Chloromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.4J	3.4J	3.8J
2-Hexanone	50 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	-	10 U	10 U	10 U	10 U	10 U	2.0J	1.7J	10 U
Styrene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	25	24	32
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m+p-Xylene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	9.5	9.7	11
o-Xylene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.5	6.4	6.9
Ethanol (µg/L)	-	1000 U	1000 U	1000 U	1000 U	1000 U	2500	2500	1000 U
Methanol (µg/L)	-	1000 U	1000 U	1000 U	1000 U	1000 U	10000	10000	6800

TABLE 6.13
GROUNDWATER MONITORING WELL DATA
RCRA FACILITY INVESTIGATION AND REMEDIAL INVESTIGATION
SPAULDING COMPOSITES COMPANY, INC.
TONAWANDA, NEW YORK

Well ID:		*OW-6*	*OW-6*	*OW-6*	*OW-7*	*OW-7*	*OW-8*	*OW-8*	*OW-8*
Sample ID:		*W-072396-DJT-006*	*SC-1014*	*SC-1004*	*W-072496-DJT-017*	*SC-1005*	*W-072496-DJT-015*	*W-072496-DJT-016*	*SC-1008*
Collection Date:		*07/23/96*	*11/22/96*	*11/22/96 (Duplicate)*	*07/24/96*	*11/22/96*	*07/24/96*	*07/24/96 (Duplicate)*	*11/22/96*
	NYSDEC Groundwater Standards (1)								
Semi-Volatiles (µg/L)									
Aniline	5	20 U	5.6 U	5.0 U	20 U	5.0 U	51000 U	51000 U	5000 U
Benzo (a) anthracene	0.002 *	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
Benzo (a) pyrene	ND	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
Benzo (b) fluoranthene	0.002 *	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
Benzo (k) fluoranthene	0.002 *	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
Di-n-butylphthalate	50	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
Chrysene	0.002 *	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
3/4-Methylphenol	-	10 U	11 U	10 U	120	10 U	220000	210000	130000
Dibenzo (a,h) anthracene	-	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
1,2-Dichlorobenzene	4.7	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
2,4-Dimethylphenol	-	10 U	11 U	10 U	60	10 U	73000	70000	49000
Bis (2-ethylhexyl) phthalate	50	6.2	6.5 U	20 U	9.4	6.4 U	13000 U	13000 U	5000 U
Hexachlorobenzene	0.35	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
2-Methylphenol	-	10 U	11 U	10 U	26	10 U	47000	45000	30000
Phenol	1	10 U	11 U	10 U	68	10 U	190000	180000	100000
1,2,4-Trichlorobenzene	5	5.1 U	5.6 U	5.0 U	5.1 U	5.0 U	13000 U	13000 U	5000 U
PCBs (µg/L)									
Aroclor 1016	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1221	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1232	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1242	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1248	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1254	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Aroclor 1260	0.1	0.066 U	0.20 U	0.20 U	0.066 U	0.20 U	0.066 U	0.066 U	0.20 U
Petroleum Products (µg/L)									
Unknown Hydrocarbons**	-	100 UJ	100 U	100 U	100 U	100 U	26000 J	25000 J	26000
Fuel oil #2/diesel fuel	-	100 UJ	100 U	100 U	100 U	100 U	300 UJ	300 UJ	300 U
Gasoline	-	100 UJ	100 U	100 U	100 U	100 U	300 UJ	300 UJ	300 U
Kerosene	-	100 UJ	100 U	100 U	100 U	100 U	300 UJ	300 UJ	300 U
Lube oil		- -	1000 U	1000 U	- -	1000 U	- -	- -	3000 U
Metals (mg/L)									
Zinc	0.3	0.0100 U	0.0100 U	0.0153 U	0.0477 U	0.0164 U	0.0100 U	0.0207 U	0.0113 U

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-01 (001 MW-8R - Ground Water) — **Sampled: 11/23/10 09:10** — **Recvd: 11/23/10 12:30**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Acetone	**4.9**	J	10	3.0	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B

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Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-01 (001 MW-8R - Ground Water) - cont. **Sampled: 11/23/10 09:10** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/02/10 05:20	NMD	10L0117	8260B
1,2-Dichloroethane-d4	*106 %*		*Surr Limits: (66-137%)*				*12/02/10 05:20*	*NMD*	*10L0117*	*8260B*
4-Bromofluorobenzene	*106 %*		*Surr Limits: (73-120%)*				*12/02/10 05:20*	*NMD*	*10L0117*	*8260B*
Toluene-d8	*118 %*		*Surr Limits: (71-126%)*				*12/02/10 05:20*	*NMD*	*10L0117*	*8260B*
Alcohols by EPA Method 8015 modified										
2-Butanol	ND		1.0	0.17	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
Ethanol	ND		1.0	0.14	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
Isobutanol	ND		1.0	0.37	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
Isopropyl alcohol	ND		1.0	0.12	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
Methanol	ND		1.0	0.41	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
n-Butanol	ND		1.0	0.40	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
Propanol	ND		1.0	0.16	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
t-Butanol	ND		1.0	0.10	mg/L	1.00	12/02/10 08:18	GFD	10L0034	8015
2-Hexanone	*109 %*		*Surr Limits: (70-129%)*				*12/02/10 08:18*	*GFD*	*10L0034*	*8015*
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND		24	0.46	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4,6-Trichlorophenol	ND		9.6	0.59	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4-Dichlorophenol	ND		9.6	0.49	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4-Dimethylphenol	**80**		9.6	0.48	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4-Dinitrophenol	ND		48	2.1	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4-Dinitrotoluene	ND		9.6	0.43	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,6-Dinitrotoluene	ND		9.6	0.38	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2-Chloronaphthalene	ND		9.6	0.44	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2-Chlorophenol	ND		9.6	0.51	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2-Methylnaphthalene	ND		9.6	0.58	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2-Nitroaniline	ND		48	0.40	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2-Nitrophenol	ND		9.6	0.46	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
3,3'-Dichlorobenzidine	ND		19	0.38	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
3-Nitroaniline	ND		48	0.46	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4,6-Dinitro-2-methylphenol	ND		48	2.1	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Bromophenyl phenyl ether	ND		9.6	0.43	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Chloro-3-methylphenol	ND		9.6	0.43	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Chloroaniline	ND		9.6	0.57	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Chlorophenyl phenyl ether	ND		9.6	0.34	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Nitroaniline	ND		48	0.24	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
4-Nitrophenol	ND		48	1.5	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Acenaphthene	ND		9.6	0.39	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Acenaphthylene	ND		9.6	0.37	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Anthracene	ND		9.6	0.27	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Atrazine	ND		9.6	0.44	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Benzaldehyde	ND		48	0.26	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Benzo(a)anthracene	ND		9.6	0.35	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Benzo(a)pyrene	ND		9.6	0.45	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Benzo(b)fluoranthene	ND		9.6	0.33	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Benzo(ghi)perylene	ND		9.6	0.34	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C

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Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-01 (001 MW-8R - Ground Water) - cont. **Sampled: 11/23/10 09:10** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Semivolatile Organics by GC/MS - cont.										
Benzo(k)fluoranthene	ND		9.6	0.70	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Biphenyl	ND		9.6	0.63	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Bis(2-chloroethoxy)methane	ND		9.6	0.34	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Bis(2-chloroethyl)ether	ND		9.6	0.38	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,2'-Oxybis(1-Chloropropane)	ND		9.6	0.50	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Bis(2-ethylhexyl) phthalate	**3.3**	J	9.6	1.7	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Butyl benzyl phthalate	ND		9.6	0.40	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Caprolactam	ND		9.6	2.1	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Carbazole	ND		4.8	0.29	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Chrysene	ND		9.6	0.32	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Dibenzo(a,h)anthracene	ND		9.6	0.40	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Dibenzofuran	ND		9.6	0.49	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Diethyl phthalate	ND		9.6	0.21	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Dimethyl phthalate	ND		9.6	0.35	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Di-n-butyl phthalate	ND		9.6	0.30	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Di-n-octyl phthalate	ND		9.6	0.45	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Fluoranthene	ND		9.6	0.38	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Fluorene	ND		9.6	0.35	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Hexachlorobenzene	ND		9.6	0.49	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Hexachlorobutadiene	ND		9.6	0.65	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Hexachlorocyclopentadiene	ND		9.6	0.57	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Hexachloroethane	ND		9.6	0.57	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Indeno(1,2,3-cd)pyrene	ND		9.6	0.45	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Isophorone	ND		9.6	0.41	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Naphthalene	ND		9.6	0.73	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Nitrobenzene	ND		9.6	0.28	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
N-Nitrosodi-n-propylamine	ND		9.6	0.52	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
N-Nitrosodiphenylamine	ND		9.6	0.49	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Pentachlorophenol	ND		48	2.1	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Phenanthrene	ND		9.6	0.42	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
Pyrene	ND		9.6	0.33	ug/L	1.00	11/29/10 13:45	MKP	10K2515	8270C
2,4,6-Tribromophenol	*112 %*		*Surr Limits: (52-132%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
2-Fluorobiphenyl	*83 %*		*Surr Limits: (48-120%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
2-Fluorophenol	*45 %*		*Surr Limits: (20-120%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
Nitrobenzene-d5	*96 %*		*Surr Limits: (46-120%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
Phenol-d5	*29 %*		*Surr Limits: (16-120%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
p-Terphenyl-d14	*66 %*		*Surr Limits: (24-136%)*				*11/29/10 13:45*	*MKP*	*10K2515*	*8270C*
Total Metals by SW 846 Series Methods										
Aluminum	**1.82**		0.200	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Barium	**0.0547**		0.0020	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-01 (001 MW-8R - Ground Water) - cont.						**Sampled: 11/23/10 09:10**		**Recvd: 11/23/10 12:30**		
Total Metals by SW 846 Series Methods - cont.										
Calcium	**221**		0.5	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Chromium	ND		0.0040	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Copper	ND		0.0100	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Iron	**1.11**		0.050	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Lead	ND		0.0050	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Magnesium	**372**		0.200	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Manganese	**0.369**		0.0030	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Potassium	**15.4**		0.500	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Silver	ND		0.0030	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Sodium	**78.4**		1.0	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Vanadium	ND		0.0050	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Zinc	ND		0.0100	NR	mg/L	1.00	11/24/10 17:53	MxM	10K2373	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	11/29/10 16:45	JRK	10K2495	7470A
General Chemistry Parameters										
Cyanide	ND		0.0100	0.0050	mg/L	1.00	11/27/10 15:35	JME	10K2502	335.4
Aldehydes by EPA Method 8315A										
Formaldehyde	ND		50.0	NR	ug/L	1.00	11/24/10 17:39	gmh	10K4995	SW846 8315A
Butyraldehyde	*72 %*		*Surr Limits: (54-128%)*				*11/24/10 17:39*	*gmh*	*10K4995*	*SW846 8315A*

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-01RE1 (001 MW-8R - Ground Water)						**Sampled: 11/23/10 09:10**		**Recvd: 11/23/10 12:30**		
Semivolatile Organics by GC/MS										
2-Methylphenol	**250**	D08	48	1.9	ug/L	5.00	11/29/10 15:17	MKP	10K2515	8270C
4-Methylphenol	**760**	D08	24	1.7	ug/L	5.00	11/29/10 15:17	MKP	10K2515	8270C
Phenol	**490**	D08	48	1.9	ug/L	5.00	11/29/10 15:17	MKP	10K2515	8270C
2,4,6-Tribromophenol	*100 %*	*D08*	*Surr Limits: (52-132%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*
2-Fluorobiphenyl	*88 %*	*D08*	*Surr Limits: (48-120%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*
2-Fluorophenol	*44 %*	*D08*	*Surr Limits: (20-120%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*
Nitrobenzene-d5	*79 %*	*D08*	*Surr Limits: (46-120%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*
Phenol-d5	*31 %*	*D08*	*Surr Limits: (16-120%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*
p-Terphenyl-d14	*71 %*	*D08*	*Surr Limits: (24-136%)*				*11/29/10 15:17*	*MKP*	*10K2515*	*8270C*

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Region 9	Glenn May	11/23/10	179379
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
Michigan Avenue			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**
Spaulding Fibre Site #91505	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis: TAL Metals	TCL	Pesticide/PCB	SVOA	BNA/Acid	VOA	Special Instructions/ Conditions of Receipt
001 MW-8R	11/23/10	0910		X			4		1	3	1		2	X	X	X	X	X	X	
002 OW-A	11/23/10	0955		X			4		1	3	1		2	X	X	X	X	X	X	
003 OW-B	11/23/10	1030		X			4		1	3	1		2	X	X	X	X	X	X	
004 MW-43R	11/23/10	1120		X			4		1	3	1		2	X	X	X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11/23/10	1230	1. Received By	11/23/10	1230
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-8R
Date Collected: 08/09/11 09:10
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-4
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/16/11 15:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/16/11 15:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/16/11 15:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/16/11 15:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/16/11 15:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/16/11 15:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/16/11 15:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/16/11 15:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/16/11 15:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/16/11 15:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/16/11 15:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/16/11 15:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/16/11 15:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/16/11 15:53	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/16/11 15:53	1
2-Hexanone	ND		5.0	1.2	ug/L			08/16/11 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/16/11 15:53	1
Acetone	**5.8**	**J**	10	3.0	ug/L			08/16/11 15:53	1
Benzene	ND		1.0	0.41	ug/L			08/16/11 15:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/16/11 15:53	1
Bromoform	ND		1.0	0.26	ug/L			08/16/11 15:53	1
Bromomethane	ND		1.0	0.69	ug/L			08/16/11 15:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/16/11 15:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/16/11 15:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/16/11 15:53	1
Chloroethane	ND		1.0	0.32	ug/L			08/16/11 15:53	1
Chloroform	ND		1.0	0.34	ug/L			08/16/11 15:53	1
Chloromethane	ND		1.0	0.35	ug/L			08/16/11 15:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/16/11 15:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/16/11 15:53	1
Cyclohexane	ND		1.0	0.18	ug/L			08/16/11 15:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/16/11 15:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/16/11 15:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/16/11 15:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/16/11 15:53	1
Methyl acetate	ND		1.0	0.50	ug/L			08/16/11 15:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/16/11 15:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/16/11 15:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/16/11 15:53	1
Styrene	ND		1.0	0.73	ug/L			08/16/11 15:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/16/11 15:53	1
Toluene	ND		1.0	0.51	ug/L			08/16/11 15:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/16/11 15:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/16/11 15:53	1
Trichloroethene	ND		1.0	0.46	ug/L			08/16/11 15:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/16/11 15:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/16/11 15:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/16/11 15:53	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-8R
Date Collected: 08/09/11 09:10
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-4
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*08/16/11 15:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/16/11 15:53*	*1*
Toluene-d8 (Surr)	*112*		*71 - 126*		*08/16/11 15:53*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		470	45	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,4,6-Trichlorophenol	ND		470	58	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,4-Dichlorophenol	ND		470	48	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,4-Dimethylphenol	**1300**		470	47	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,4-Dinitrophenol	ND		940	210	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,4-Dinitrotoluene	ND		470	42	ug/L		08/10/11 16:08	08/17/11 15:33	100
2,6-Dinitrotoluene	ND		470	38	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Chloronaphthalene	ND		470	43	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Chlorophenol	ND		470	50	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Methylnaphthalene	ND		470	57	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Methylphenol	**1600**		470	38	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Nitroaniline	ND		940	40	ug/L		08/10/11 16:08	08/17/11 15:33	100
2-Nitrophenol	ND		470	45	ug/L		08/10/11 16:08	08/17/11 15:33	100
3,3'-Dichlorobenzidine	ND		470	38	ug/L		08/10/11 16:08	08/17/11 15:33	100
3-Nitroaniline	ND		940	45	ug/L		08/10/11 16:08	08/17/11 15:33	100
4,6-Dinitro-2-methylphenol	ND		940	210	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Bromophenyl phenyl ether	ND		470	42	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Chloro-3-methylphenol	ND		470	42	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Chloroaniline	ND		470	56	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Chlorophenyl phenyl ether	ND		470	33	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Methylphenol	**6200**		940	34	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Nitroaniline	ND		940	24	ug/L		08/10/11 16:08	08/17/11 15:33	100
4-Nitrophenol	ND		940	140	ug/L		08/10/11 16:08	08/17/11 15:33	100
Acenaphthene	ND		470	39	ug/L		08/10/11 16:08	08/17/11 15:33	100
Acenaphthylene	ND		470	36	ug/L		08/10/11 16:08	08/17/11 15:33	100
Acetophenone	ND		470	51	ug/L		08/10/11 16:08	08/17/11 15:33	100
Anthracene	ND		470	26	ug/L		08/10/11 16:08	08/17/11 15:33	100
Atrazine	ND		470	43	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzaldehyde	ND		470	25	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzo(a)anthracene	ND		470	34	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzo(a)pyrene	ND		470	44	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzo(b)fluoranthene	ND		470	32	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzo(g,h,i)perylene	ND		470	33	ug/L		08/10/11 16:08	08/17/11 15:33	100
Benzo(k)fluoranthene	ND		470	69	ug/L		08/10/11 16:08	08/17/11 15:33	100
Biphenyl	ND		470	62	ug/L		08/10/11 16:08	08/17/11 15:33	100
bis (2-chloroisopropyl) ether	ND		470	49	ug/L		08/10/11 16:08	08/17/11 15:33	100
Bis(2-chloroethoxy)methane	ND		470	33	ug/L		08/10/11 16:08	08/17/11 15:33	100
Bis(2-chloroethyl)ether	ND		470	38	ug/L		08/10/11 16:08	08/17/11 15:33	100
Bis(2-ethylhexyl) phthalate	ND		470	170	ug/L		08/10/11 16:08	08/17/11 15:33	100
Butyl benzyl phthalate	ND		470	40	ug/L		08/10/11 16:08	08/17/11 15:33	100
Caprolactam	ND		470	210	ug/L		08/10/11 16:08	08/17/11 15:33	100
Carbazole	ND		470	28	ug/L		08/10/11 16:08	08/17/11 15:33	100
Chrysene	ND		470	31	ug/L		08/10/11 16:08	08/17/11 15:33	100
Dibenz(a,h)anthracene	ND		470	40	ug/L		08/10/11 16:08	08/17/11 15:33	100
Dibenzofuran	ND		940	48	ug/L		08/10/11 16:08	08/17/11 15:33	100

Client Sample ID: OW-8R
Date Collected: 08/09/11 09:10
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-4
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		470	21	ug/L		08/10/11 16:08	08/17/11 15:33	100
Dimethyl phthalate	ND		470	34	ug/L		08/10/11 16:08	08/17/11 15:33	100
Di-n-butyl phthalate	ND		470	29	ug/L		08/10/11 16:08	08/17/11 15:33	100
Di-n-octyl phthalate	ND		470	44	ug/L		08/10/11 16:08	08/17/11 15:33	100
Fluoranthene	ND		470	38	ug/L		08/10/11 16:08	08/17/11 15:33	100
Fluorene	ND		470	34	ug/L		08/10/11 16:08	08/17/11 15:33	100
Hexachlorobenzene	ND		470	48	ug/L		08/10/11 16:08	08/17/11 15:33	100
Hexachlorobutadiene	ND		470	64	ug/L		08/10/11 16:08	08/17/11 15:33	100
Hexachlorocyclopentadiene	ND		470	56	ug/L		08/10/11 16:08	08/17/11 15:33	100
Hexachloroethane	ND		470	56	ug/L		08/10/11 16:08	08/17/11 15:33	100
Indeno(1,2,3-cd)pyrene	ND		470	44	ug/L		08/10/11 16:08	08/17/11 15:33	100
Isophorone	ND		470	41	ug/L		08/10/11 16:08	08/17/11 15:33	100
Naphthalene	ND		470	72	ug/L		08/10/11 16:08	08/17/11 15:33	100
Nitrobenzene	ND		470	27	ug/L		08/10/11 16:08	08/17/11 15:33	100
N-Nitrosodi-n-propylamine	ND		470	51	ug/L		08/10/11 16:08	08/17/11 15:33	100
N-Nitrosodiphenylamine	ND		470	48	ug/L		08/10/11 16:08	08/17/11 15:33	100
Pentachlorophenol	ND		940	210	ug/L		08/10/11 16:08	08/17/11 15:33	100
Phenanthrene	ND		470	42	ug/L		08/10/11 16:08	08/17/11 15:33	100
Phenol	**2600**		470	37	ug/L		08/10/11 16:08	08/17/11 15:33	100
Pyrene	ND		470	32	ug/L		08/10/11 16:08	08/17/11 15:33	100

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*52 - 132*	*08/10/11 16:08*	*08/17/11 15:33*	*100*
2-Fluorobiphenyl	*87*		*48 - 120*	*08/10/11 16:08*	*08/17/11 15:33*	*100*
2-Fluorophenol	*36*		*20 - 120*	*08/10/11 16:08*	*08/17/11 15:33*	*100*
Nitrobenzene-d5	*70*		*46 - 120*	*08/10/11 16:08*	*08/17/11 15:33*	*100*
Phenol-d5	*28*		*16 - 120*	*08/10/11 16:08*	*08/17/11 15:33*	*100*
p-Terphenyl-d14	*63*		*24 - 136*	*08/10/11 16:08*	*08/17/11 15:33*	*100*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		1.0	0.14	mg/L			08/12/11 20:50	1
Isobutyl alcohol	ND		1.0	0.37	mg/L			08/12/11 20:50	1
Methanol	ND		1.0	0.41	mg/L			08/12/11 20:50	1
n-Butanol	ND		1.0	0.40	mg/L			08/12/11 20:50	1
Propanol	ND		1.0	0.16	mg/L			08/12/11 20:50	1
2-Butanol	ND		1.0	0.17	mg/L			08/12/11 20:50	1
Isopropyl alcohol	ND		1.0	0.12	mg/L			08/12/11 20:50	1
t-Butyl alcohol	ND		1.0	0.10	mg/L			08/12/11 20:50	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Hexanone	*87*		*70 - 129*		*08/12/11 20:50*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**16**	**J**	50	5.0	ug/L		08/11/11 09:38	08/12/11 12:08	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.33**	**B**	0.20	0.060	mg/L		08/11/11 08:50	08/11/11 15:38	1
Antimony	ND		0.020	0.0068	mg/L		08/11/11 08:50	08/11/11 15:38	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-8R
Date Collected: 08/09/11 09:10
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-4
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		08/11/11 08:50	08/11/11 15:38	1
Barium	**0.029**		0.0020	0.00050	mg/L		08/11/11 08:50	08/11/11 15:38	1
Beryllium	ND		0.0020	0.00030	mg/L		08/11/11 08:50	08/11/11 15:38	1
Cadmium	**0.00041**	**J**	0.0010	0.00033	mg/L		08/11/11 08:50	08/11/11 15:38	1
Calcium	**209**	**B**	0.50	0.10	mg/L		08/11/11 08:50	08/11/11 15:38	1
Chromium	**0.0022**	**J**	0.0040	0.00087	mg/L		08/11/11 08:50	08/11/11 15:38	1
Cobalt	**0.0025**	**J**	0.0040	0.00063	mg/L		08/11/11 08:50	08/11/11 15:38	1
Copper	ND		0.010	0.0015	mg/L		08/11/11 08:50	08/11/11 15:38	1
Iron	**0.95**	**B**	0.050	0.019	mg/L		08/11/11 08:50	08/11/11 15:38	1
Lead	ND		0.0050	0.0030	mg/L		08/11/11 08:50	08/11/11 15:38	1
Magnesium	**360**		0.20	0.043	mg/L		08/11/11 08:50	08/11/11 15:38	1
Manganese	**0.39**	**B**	0.0030	0.00030	mg/L		08/11/11 08:50	08/11/11 15:38	1
Nickel	**0.0037**	**J**	0.010	0.0013	mg/L		08/11/11 08:50	08/11/11 15:38	1
Potassium	**11.3**		0.50	0.20	mg/L		08/11/11 08:50	08/11/11 15:38	1
Selenium	ND		0.015	0.0087	mg/L		08/11/11 08:50	08/11/11 15:38	1
Silver	ND		0.0030	0.0017	mg/L		08/11/11 08:50	08/11/11 15:38	1
Sodium	**83.2**		1.0	0.32	mg/L		08/11/11 08:50	08/11/11 15:38	1
Thallium	ND		0.020	0.010	mg/L		08/11/11 08:50	08/11/11 15:38	1
Vanadium	**0.0039**	**J**	0.0050	0.0011	mg/L		08/11/11 08:50	08/11/11 15:38	1
Zinc	**0.0088**	**J**	0.010	0.0017	mg/L		08/11/11 08:50	08/11/11 15:38	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/10/11 10:10	08/10/11 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/18/11 16:26	08/19/11 08:12	1

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 9	Glenn May	8-9-11	199004
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
Michigan Ave.			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**
Spaulding Fibre Site# 915050		
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Ac/NaOH	40ml VOA Unpres.	TAL Metals	CN	Formaldehyde	SVOA	8015B DAI	8260B TCL	Special Instructions/ Conditions of Receipt
OW-B	8-9-11	0655		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	12 Total
OW-A	8-9-11	0730		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
MW-43R	8-9-11	0820		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
OW-8R	8-9-11	0910		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
END																				48 Total

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: R. Fitzburn			1. Received By: [signature] - TA	8/9/11	10:05
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2 coolers @ 15.1°C on ice

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-8R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 11:30:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-002	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NONHALOGENATED VOLATILES BY EPA 8015B			**8015_W**			Analyst: **Sub**
Ethanol (#)	ND	1.0		mg/L	1	1/12/2012
Methanol (#)	ND	1.0		mg/L	1	1/12/2012
NOTES:						
Subcontracted to NYSDOH ELAP Lab ID#10145						
The test parameter Ethanol requires NYSDOH ELAP accreditation.						
ICP METALS, TOTAL BY NYSDEC ASP 2005			**200.7WTASP**	**(E200.7)**		Analyst: **ALW**
Aluminum	ND	100		µg/L	1	1/16/2012 4:28:32 PM
Barium	ND	50.0		µg/L	1	1/16/2012 4:28:32 PM
Beryllium	ND	3.00		µg/L	1	1/16/2012 4:28:32 PM
Cadmium	ND	5.00		µg/L	1	1/16/2012 4:28:32 PM
Calcium	212000	5000		µg/L	1	1/16/2012 4:28:32 PM
Chromium	ND	10.0		µg/L	1	1/16/2012 4:28:32 PM
Cobalt	ND	20.0		µg/L	1	1/16/2012 4:28:32 PM
Copper	ND	10.0		µg/L	1	1/16/2012 4:28:32 PM
Iron	700	60.0		µg/L	1	1/16/2012 4:28:32 PM
Magnesium	325000	5000		µg/L	1	1/16/2012 4:28:32 PM
Manganese	446	10.0		µg/L	1	1/16/2012 4:28:32 PM
Nickel	ND	30.0		µg/L	1	1/16/2012 4:28:32 PM
Potassium	14700	5000		µg/L	1	1/16/2012 4:28:32 PM
Silver	ND	10.0		µg/L	1	1/16/2012 4:28:32 PM
Sodium	106000	5000		µg/L	1	1/16/2012 4:28:32 PM
Vanadium	ND	30.0		µg/L	1	1/16/2012 4:28:32 PM
Zinc	ND	10.0		µg/L	1	1/16/2012 4:28:32 PM
ASP TOTAL METALS BY ICP-MS			**200.8ASP**	**(E200.8)**		Analyst: **DEB**
Antimony	ND	25.0		µg/L	5	1/17/2012 11:15:00 AM
Arsenic	ND	25.0		µg/L	5	1/17/2012 11:15:00 AM
Lead	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
Selenium	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
Thallium	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
NOTES:						
The reporting limits were raised due to matrix interference.						
TOTAL MERCURY WATERS ASP			**245.2WTASP**	**(E245.2)**		Analyst: **ALW**
Mercury	ND	0.200		µg/L	1	1/17/2012 2:30:00 PM
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005			**8270ASP05_W**	**(SW3520)**		Analyst: **LD**
(3+4)-Methylphenol	7300	500		µg/L	100	1/12/2012 6:11:00 PM
1,2,4,5-Tetrachlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
1,2,4-Trichlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-8R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 11:30:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-002	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
1,2-Dichlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
1,3-Dichlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
1,4-Dichlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2,4,5-Trichlorophenol	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
2,4,6-Trichlorophenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2,4-Dichlorophenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2,4-Dimethylphenol	5600	500		µg/L	100	1/12/2012 6:11:00 PM
2,4-Dinitrophenol	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
2,4-Dinitrotoluene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2,6-Dinitrotoluene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2-Chloronaphthalene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2-Chlorophenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2-Methylnaphthalene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
2-Methylphenol	2400	500		µg/L	100	1/12/2012 6:11:00 PM
2-Nitroaniline	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
2-Nitrophenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
3,3´-Dichlorobenzidine	ND	500		µg/L	100	1/12/2012 6:11:00 PM
3-Nitroaniline	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
4,6-Dinitro-2-methylphenol	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
4-Bromophenyl phenyl ether	ND	500		µg/L	100	1/12/2012 6:11:00 PM
4-Chloro-3-methylphenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
4-Chloroaniline	ND	500		µg/L	100	1/12/2012 6:11:00 PM
4-Chlorophenyl phenyl ether	ND	500		µg/L	100	1/12/2012 6:11:00 PM
4-Nitroaniline	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
4-Nitrophenol	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
Acenaphthene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Acenaphthylene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Acetophenone	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Anthracene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Atrazine	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benz(a)anthracene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benzaldehyde	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benzo(a)pyrene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benzo(b)fluoranthene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benzo(g,h,i)perylene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Benzo(k)fluoranthene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Biphenyl	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Bis(2-chloroethoxy)methane	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Bis(2-chloroethyl)ether	ND	500		µg/L	100	1/12/2012 6:11:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-8R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 11:30:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-002	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**		**(SW3520)**		Analyst: **LD**
Bis(2-chloroisopropyl)ether	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Bis(2-ethylhexyl)phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Butyl benzyl phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Caprolactam	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Carbazole	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Chrysene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Di-n-butyl phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Di-n-octyl phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Dibenz(a,h)anthracene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Dibenzofuran	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Diethyl phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Dimethyl phthalate	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Fluoranthene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Fluorene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Hexachlorobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Hexachlorobutadiene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Hexachlorocyclopentadiene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Hexachloroethane	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Indeno(1,2,3-cd)pyrene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Isophorone	ND	500		µg/L	100	1/12/2012 6:11:00 PM
N-Nitrosodi-n-propylamine	ND	500		µg/L	100	1/12/2012 6:11:00 PM
N-Nitrosodiphenylamine	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Naphthalene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Nitrobenzene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Pentachlorophenol	ND	1000		µg/L	100	1/12/2012 6:11:00 PM
Phenanthrene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Phenol	ND	500		µg/L	100	1/12/2012 6:11:00 PM
Pyrene	ND	500		µg/L	100	1/12/2012 6:11:00 PM
TIC: unknown (4.57)	2000	0		µg/L	100	1/12/2012 6:11:00 PM
TIC: unknown (4.86)	3000	0		µg/L	100	1/12/2012 6:11:00 PM

NOTES:
The reporting limits were raised due to matrix interference.

ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT: SJB/EmpireGeo Services, Inc.
Client Sample ID: OW-8R
Lab Order: U1201135
Collection Date: 1/5/2012 11:30:00 AM
Project: BEV-09-006/Spaulding
Lab ID: U1201135-002
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
1,4-Dioxane	ND	100		µg/L	1	1/9/2012 3:03:00 PM
2-Butanone	ND	10		µg/L	1	1/9/2012 3:03:00 PM
2-Hexanone	ND	10		µg/L	1	1/9/2012 3:03:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/9/2012 3:03:00 PM
Acetone	ND	10		µg/L	1	1/9/2012 3:03:00 PM
Benzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Bromochloromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Bromoform	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Bromomethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Carbon disulfide	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Chloroethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Chloroform	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Chloromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Cyclohexane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Freon-113	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
m,p-Xylene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Methyl Acetate	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Methylcyclohexane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM

Approved By: **Date:**

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-8R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 11:30:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-002	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260			**8260ASP05_W**			Analyst: **EMZ**
Methylene chloride	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
n-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
n-Propylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
o-Xylene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
sec-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Styrene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
tert-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Toluene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM
Vinyl chloride	ND	5.0		µg/L	1	1/9/2012 3:03:00 PM

NOTES:
TICS: No compounds were detected.

CYANIDE, TOTAL WATERS BY NYSDEC ASP 2005			**CN_W_ASP**	**(E335.4)**		Analyst: **CAC**
Cyanide	ND	10.0		µg/L	1	1/18/2012
FORMALDEHYDE DEC 89-9			**FORMALD_W**			Analyst: **Sub**
Formaldehyde	ND	0.0080		mg/L	1	1/6/2012

NOTES:
Subcontracted to NYSDOH ELAP Lab ID#10145

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

8 DAY TAT

Client: SJB - HAMBURG
Empire Geo Services

Client Project # / Project Name
REV-09-006 / Spaulding

Client Contact: Dave Steiner

Phone # 649 8110

Site Location (city/state): Tonawanda, NY

Special Turnaround Time _____ (Lab Notification required) ASP-B

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only U1201135	No. of Containers	1) TCL VOCs 2005	2) TCL BNAs 2005	3) Formaldehyde	4) Ethanol Methanol	5) Metals	6) T. Cyanide	7)	8)	9)	10)	Remarks
OW-A	1/5/12	0900	GW	G	1	8	XX	X	X	XX	X	X					
OW-8R		1130	GW		2	8	XX	X	X	XX	X	X					
MW-43R		1215	GW		3	8	XX	X	X	XX	X	X					
Retention Pond		1400	SW		4	2	–	X	X	–	–	–					
OW-B		1530	GW		5	8	XX	X	X	XX	X	X					

parameter and method	sample bottle: type	size	pres.
1) SJB 1-5-12 VOCs 8260B	Glass	40ml	HCl
2) BNAs 8270C	Amber	950ml	Cool
3) Formaldehyde 8315A	Amber	950ml	Cool
4) Ethanol, Methanol 8015B 4	Glass	40ml	Cool
5) Metals 6010B/7470A TAL	Poly	500ml	HNO3
6) T. Cyanide	Poly	500ml	
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) S. Bochenek

Company: Empire Geo Services

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	1/5/12	1640	[signature]
[signature]	1/5/12	1730	
	1/6/12	0818	[signature]

Syracuse Rochester ~~Buffalo~~ Albany Binghamton Fair Lawn (NJ)

GROUNDWATER RESULTS FOR MONITORING WELL OW-9

TABLE 6.13
GROUNDWATER MONITORING WELL DATA
RCRA FACILITY INVESTIGATION AND REMEDIAL INVESTIGATION
SPAULDING COMPOSITES COMPANY, INC.
TONAWANDA, NEW YORK

Well ID:		*OW-9*	*OW-9*	*OW-10*	*OW-10*	*OW-11*	*OW-11*	*OW-12*	*OW-12*
Sample ID:		*W-072496-DJT-014*	*SC-1007*	*W-072496-DJT-013*	*SC-1013*	*W-072596-DJT-022*	*SC-1019*	*W-072496-DJT-018*	*SC-1009*
Collection Date:		*07/24/96*	*11/22/96*	*07/24/96*	*11/22/96*	*07/25/96*	*11/26/96*	*07/24/96*	*11/22/96*
	NYSDEC Groundwater Standards (1)								
TCL Volatiles (µg/L)									
Acetone	50 *	25	31 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	0.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Butanone	50 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon disulfide	-	10 U	10 U	10 U	10 U	45	10 U	10 U	10 U
Carbon tetrachloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	50 *	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	1.4J	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	1.3J	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethylbenzene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	50 *	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene chloride	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,1-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl chloride	2	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m+p-Xylene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Xylene	5	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethanol (µg/L)	-	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U
Methanol (µg/L)	-	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U	1000 U

TABLE 6.13
GROUNDWATER MONITORING WELL DATA
RCRA FACILITY INVESTIGATION AND REMEDIAL INVESTIGATION
SPAULDING COMPOSITES COMPANY, INC.
TONAWANDA, NEW YORK

Well ID:		*OW-9*	*OW-9*	*OW-10*	*OW-10*	*OW-11*	*OW-11*	*OW-12*	*OW-12*
Sample ID:		*W-072496-DJT-014*	*SC-1007*	*W-072496-DJT-013*	*SC-1013*	*W-072596-DJT-022*	*SC-1019*	*W-072496-DJT-018*	*SC-1009*
Collection Date:		*07/24/96*	*11/22/96*	*07/24/96*	*11/22/96*	*07/25/96*	*11/26/96*	*07/24/96*	*11/22/96*
	NYSDEC Groundwater Standards (1)								
Semi-Volatiles (µg/L)									
Aniline	5	20 U	5.0 U	20 U	5.0 U	20 U	5.0 U	20 U	5.0 U
Benzo (a) anthracene	0.002 *	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
Benzo (a) pyrene	ND	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
Benzo (b) fluoranthene	0.002 *	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
Benzo (k) fluoranthene	0.002 *	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
Di-n-butylphthalate	50	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
Chrysene	0.002 *	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
3/4-Methylphenol	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo (a,h) anthracene	-	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
1,2-Dichlorobenzene	4.7	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
2,4-Dimethylphenol	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis (2-ethylhexyl) phthalate	50	9.1	9.5 U	5.1 U	5.2 U	5.6	5.0 U	5.1 U	5.9 U
Hexachlorobenzene	0.35	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
2-Methylphenol	-	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	5	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U	5.1 U	5.0 U
PCBs (µg/L)									
Aroclor 1016	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1221	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1232	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1242	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1248	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1254	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Aroclor 1260	0.1	0.066 U	0.20 U	0.066 U	0.20 U	0.066 UJ	0.20 U	0.066 U	0.20 U
Petroleum Products (µg/L)									
Unknown Hydrocarbons**	-	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Fuel oil #2/diesel fuel	-	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Gasoline	-	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Kerosene	-	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Lube oil		- -	1000 U	- -	1000 U	- -	1000 U	- -	1000 U
Metals (mg/L)									
Zinc	0.3	0.162 U	0.0100 U	0.0140 U	0.0117 U	0.520	0.183	0.0139 U	0.0100 U

GROUNDWATER RESULTS FOR MONITORING WELL OW-A

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Laboratory Analysis Report For Non-Potable Water

Client:	Leader Environmental	**Lab Project No.:**	98-2010
Client Job **Site:**	Spaulding	**Lab Sample No.:**	7013
Client Job No.:	N/A	**Sample Type:**	Groundwater
Field Location:	Well A	**Date Sampled:**	11/03/98
		Date Received:	11/03/98
Field ID No.:	N/A	**Date Analyzed:**	11/05/98

VOLATILE HALOCARBONS	RESULTS (ug/L)	VOLATILE AROMATICS	RESULTS (ug/L)
Bromodichloromethane	ND< 2.0	Benzene	ND< 2.0
Bromomethane	ND< 2.0	Chlorobenzene	ND< 2.0
Bromoform	ND< 2.0	Ethylbenzene	ND< 2.0
Carbon tetrachloride	ND< 2.0	Toluene	ND< 2.0
Chloroethane	ND< 2.0	m,p - Xylene	ND< 2.0
Chloromethane	ND< 2.0	o - Xylene	ND< 2.0
2-Chloroethyl vinyl ethe	ND< 2.0	Styrene	ND< 2.0
Chloroform	ND< 2.0		
Dibromochloromethane	ND< 2.0		
1,1-Dichloroethane	ND< 2.0		
1,2-Dichloroethane	ND< 2.0		
1,1-Dichloroethene	ND< 2.0	Ketones & Misc.	
trans-1,2-Dichloroethen	ND< 2.0	Acetone	ND< 10.0
1,2-Dichloropropane	ND< 2.0	Vinyl acetate	ND< 5.0
cis-1,3-Dichloropropene	ND< 2.0	2-Butanone	ND< 5.0
trans-1,3-Dichloroprope	ND< 2.0	4-Methyl-2-pentanone	ND< 5.0
Methylene chloride	ND< 5.0	2-Hexanone	ND< 5.0
1,1,2,2-Tetrachloroetha	ND< 2.0	Carbon disulfide	ND< 5.0
Tetrachloroethene	ND< 2.0		
1,1,1-Trichloroethane	ND< 2.0		
1,1,2-Trichloroethane	ND< 2.0		
Trichloroethene	ND< 2.0		
Vinyl Chloride	ND< 2.0		

Analytical Method: EPA 8260 ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

982010V1.XLS

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue, Rochester, New York 14608 (716) [illegible] FAX (716) 647-3311

Semi-Volatile Analysis Report For Non-Potable Water (Acid Fraction)

Client:	**Leader Environmental, Inc.**	Lab Project No.:	98-2010
		Lab Sample No.:	7013
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11/03/98
Field Location:	Well A	Date Received:	11/03/98
Field ID No.:	N/A	Date Analyzed:	11/10/98

COMPOUND	RESULT (ug/L)
2-Chlorophenol	ND < 10
2-Methylphenol	ND < 10
4-Methyphenol	ND < 10
Phenol	ND < 10
Benzoic acid	ND < 25
4-Chloro-3-methylphenol	ND < 10
2,4-Dichlorophenol	ND < 10
2,6-Dichlorophenol	ND < 10
2,4-Dimethylphenol	ND < 10
2-Nitrophenol	ND < 10
2,4-Dinitrophenol	ND < 10
4-Nitrophenol	ND < 10
2,4,6-Trichlorophenol	ND < 10
2,4,5-Trichlorophenol	ND < 10
4,6-Dinitro-2-methylpheno	ND < 10
Pentachlorophenol	ND < 10

Analytical Method: EPA 8270

NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

982010S1.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Polychlorinated Biphenyls in Water

Client:	Leader Environmental	**Lab Project No:**	98-2010
		Lab Sample No:	7013
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11/03/98
Field Location:	Well A	**Date Received:**	11/03/98
Field ID No.:	N/A	**Date Analyzed:**	11/06/98

Polychlorinated Biphenyl	Result (ug/L)	Reporting Limit (ug/L)
PCB 1016	ND	1.00
PCB 1221	ND	1.00
PCB1232	ND	1.00
PCB 1242	ND	1.00
PCB 1248	ND	1.00
PCB 1254	ND	1.00
PCB 1260	ND	1.00

Analytical Method: EPA 8080 ELAP ID: 10958

Comments: ND denotes Not Detected.

Approved By: _____
Laboratory Director

File ID: 982010P1.XLS

PARADIGM
Environmental Services, Inc. 179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Client: Leader Environmental

Client Job Site: Spaulding

Client Job No.: N/A

Lab Project No.: 98-2010

Sample Type: Water
Method: SW846 3005,6010

Date(s) Sampled: 11/3/98
Date Received: 11/3/98
Date Analyzed: 11/6/98

Lab Sample No.	Field ID No.	Field Location	Zinc Results (mg/L)
7013	N/A	Well A	0.032
7014	N/A	Well B	0.011

ELAP ID No.: 10958

Comments:

Approved By: _____
Laboratory Director

File ID: 982010.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Leader Environmental	**Lab Project No.:**	98-2010
		Lab Sample No.:	7013
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11.3.98
Field Location:	Well A	**Date Received:**	11/3/98
Field ID No:	N/A	**Date Analyzed:**	11 11 98

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	ND	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: ND denotes Not Detected.

Approved By: _____
Laboratory Director

File ID: 982010H1.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Client: **Leader Environmental**

Client Job Site: Spaulding

Field Location: Well A
Field ID No.: N/A

Lab Project No.: 98-2010
Lab Sample No.: 7013

Sample Type: Wastewater

Date Sampled: 11/3/98
Date Received: 11/3/98

Parameter	Date Analyzed	Analytical Method	Result ug/l
Ethanol	11/4/98	8015B	ND <1000
Methanol	11/4/98	8015B	ND <1000

ELAP ID. No. 10145

Comments: ND denotes Non Detected.

Approved By: _____
Laboratory Director

File ID: 982010meth

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 • (800) 724-1997
FAX (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT # 98-2080
COMPANY	Leader Environmental	COMPANY	SAME	
ADDRESS	P.O. Box 296	ADDRESS		P.O. #
CITY	Clarence STATE NY ZIP 14031	CITY	STATE ZIP	
ATT.	G. Wygant PHONE# 716-565-0963	ATT.	PHONE#	
	FAX# 716-565-0964	FAX#		☐ ADDENDUM

PROJECT NAME/SITE NAME: SPAULDING

PROJECT #:

COMMENTS:

TURN AROUND TIME (WORKING DAYS) ☐ ONE ☐ THREE ☐ FIVE(STD) ☒ OTHER 10 d.; L.S.

REPRESENTATIVE:

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	REQUESTED ANALYSIS: Total Zinc	Ret. Hydrocarbons	TCL PCBs	Acid Extr.	Methanol Extr.	VOA 8260	REMARKS	PARADIGM LAB SAMPLE NUMBER	ANALYTICAL COSTS
1	11/3/98	11:00			Well A	g.w.	8	X	X	X	X	X	X		7013	
2	11/3/98	11:00			Well B	g.w.	8	X	X	X	X	X	X		7014	
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	SAMPLE CONDITION	CHECK #	TOTAL COST	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	CARRIER COMPANY	AIR BILL NO.	P.I.F	
RELINQUISHED BY:	DATE/TIME	RECEIVED @ LAB BY: June Salora	DATE/TIME 11/3/98 1530	CARRIER PHONE #	DATE RESULTS REPORTED BY:		DATE/TIME

WHITE COPY-SAMPLE YELLOW COPY-FILE PINK COPY-RELINQUISHER

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Laboratory Analysis Report For Non-Potable Water

Client:	Leader Environmental, Inc.	**Lab Project No.:**	99-1506
Client Job Site:	Spaulding	**Lab Sample No.:**	5407
Client Job No.:	214.002a	**Sample Type:**	Water
Field Location:	Well A	**Date Sampled:**	08/05/99
		Date Received:	08/10/99
Field ID No.:	N/A	**Date Analyzed:**	08/11/99

VOLATILE HALOCARBONS	RESULTS (ug/L)	VOLATILE AROMATICS	RESULTS (ug/L)
Bromodichloromethane	ND< 2.00	Benzene	ND< 0.700
Bromomethane	ND< 2.00	Chlorobenzene	ND< 2.00
Bromoform	ND< 2.00	Ethylbenzene	ND< 2.00
Carbon tetrachloride	ND< 2.00	Toluene	ND< 2.00
Chloroethane	ND< 2.00	m,p - Xylene	ND< 2.00
Chloromethane	ND< 2.00	o - Xylene	ND< 2.00
2-Chloroethyl vinyl ether	ND< 2.00	Styrene	ND< 2.00
Chloroform	ND< 2.00		
Dibromochloromethane	ND< 2.00		
1,1-Dichloroethane	ND< 2.00		
1,2-Dichloroethane	ND< 2.00		
1,1-Dichloroethene	ND< 2.00		
trans-1,2-Dichloroethene	ND< 2.00		
1,2-Dichloropropane	ND< 2.00		
cis-1,3-Dichloropropene	ND< 2.00	**Ketones**	
trans-1,3-Dichloropropene	ND< 2.00	Acetone	ND< 10.0
Methylene chloride	ND< 5.00	Vinyl acetate	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00	2-Butanone	ND< 5.00
Tetrachloroethene	ND< 2.00	4-Methyl-2-pentanone	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00	2-Hexanone	ND< 5.00
1,1,2-Trichloroethane	ND< 2.00		
Trichloroethene	ND< 2.00	Carbon disulfide	ND< 2.00
Vinyl Chloride	ND< 2.00		

Analytical Method: EPA 8260

ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Aromatic Analysis Report For Non-Potable Water
(Additional EPA 8260 Compounds)

Client:	Leader Environmental, Inc.	**Lab Project No.:**	99-1506
		Lab Sample No.:	5407
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	214.002a		
		Date Sampled:	08/05/99
Field Location:	Well A	**Date Received:**	08/10/00
Field ID No.:	N/A	**Date Analyzed:**	08/11/99

VOLATILE AROMATICS	RESULTS (ug/L)
Methyl tert-Butyl Ether	ND< 2.00
Isopropylbenzene	ND< 2.00
n-Propylbenzene	ND< 2.00
1,3,5-Trimethylbenzene	ND< 2.00
tert-Butylbenzene	ND< 2.00
1,2,4-Trimethylbenzene	ND< 2.00
sec-Butylbenzene	ND< 2.00
p-Isopropyltoluene	ND< 2.00
n-Butylbenzene	ND< 2.00
Naphthalene	ND< 5.00

Analytical Method: EPA 8260 NYS ELAP ID No.: 10958

Comments: ND denotes not detected

Approved By: _____
Laboratory Director

PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

SEMI-VOLATILES LABORATORY REPORT FOR BASE/NEUTRAL FRACTION IN NON-POTABLE WATER

Client:	**Leader Environmental**	**Lab Project No.:**	99-0632
		Lab Sample No.:	99-1506
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	214.002a		
		Sample Date:	8/5/99
Field Location:	Well A	**Date Received:**	8/10/99
Field ID No.:	N/A	**Date Analyzed:**	8/13/99

COMPOUND	RESULT (ug/L)	COMPOUND	RESULT (ug/L)
Benzyl alcohol	ND< 25.0	Fluorene	ND< 10.0
Bis (2-chloroethyl) ether	ND< 10.0	Hexachlorocyclopentadiene	ND< 10.0
Bis (2-chloroisopropyl) ether	ND< 10.0	2-Nitroaniline	ND< 25.0
1,3-Dichlorobenzene	ND< 10.0	3-Nitroaniline	ND< 25.0
1,4-Dichlorobenzene	ND< 10.0	4-Nitroaniline	ND< 25.0
1,2-Dichlorobenzene	ND< 10.0	4-Bromophenyl phenyl ether	ND< 10.0
Hexachloroethane	ND< 10.0	Di-n-butyl phthalate	ND< 10.0
N-Nitrosodimethylamine	ND< 10.0	Fluoranthene	ND< 10.0
N-Nitroso-di-n-propylamine	ND< 10.0	Hexachlorobenzene	ND< 10.0
Bis (2-chloroethoxy) methane	ND< 10.0	N-Nitrosodiphenylamine	ND< 10.0
4-Chloroaniline	ND< 10.0	Anthracene	ND< 10.0
Hexachlorobutadiene	ND< 10.0	Phenanthrene	ND< 10.0
Isophorone	ND< 10.0	Benzidine	ND< 25.0
2-Methylnapthalene	ND< 10.0	Benzo (a) anthracene	ND< 10.0
Naphthalene	ND< 10.0	Bis (2-ethylhexyl) phthalate	ND< 10.0
Nitrobenzene	ND< 10.0	Butylbenzylphthalate	ND< 10.0
1,2,4-Trichlorobenzene	ND< 10.0	Chrysene	ND< 10.0
2-Chloronaphthalene	ND< 10.0	3,3'-Dichlorobenzidine	ND< 10.0
Acenaphthene	ND< 10.0	Pyrene	ND< 10.0
Acenapthylene	ND< 10.0	Benzo (b) fluoranthene	ND< 10.0
4-Chlorophenyl phenyl ether	ND< 10.0	Benzo (k) fluoranthene	ND< 10.0
Dibenzofuran	ND< 10.0	Benzo (g,h,i) perylene	ND< 10.0
Diethyl phthalate	ND< 10.0	Benzo (a) pyrene	ND< 10.0
Dimethyl phthalate	ND< 25.0	Dibenz (a,h) anthracene	ND< 10.0
2,4-Dinitrotoluene	ND< 10.0	Di-n-octylphthalate	ND< 10.0
2,6-Dinitrotoluene	ND< 10.0	Indeno (1,2,3-cd) pyrene	ND< 10.0

ELAP ID No: 10958

Analytical Method: EPA 8270

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

991506S1.XLS

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 • (800) 724-1997
FAX (716) 647-3311

CHAIN OF COUSTODY

LAB PROJECT # 99-1506

REPORT TO:

COMPANY	Leader Environmental, Inc.
ADDRESS	2300 Wehrle Drive
CITY	Williamsville
STATE	NY
ZIP	14221
ATT.	KAREN CARLSON
PHONE#	(716) 565-0963
FAX#	(716) 565 0964

INVOICE TO:

COMPANY	SAME
ADDRESS	
CITY	
STATE	
ZIP	
ATT.	
PHONE#	
FAX#	

P.O. #

☐ ADDENDUM

PROJECT NAME/SITE NAME: Spaulding

PROJECT #: 214.002a

COMMENTS: For (Well A) sample - please "include" with VOCs - Ethylbenzene, Naphthalene & Methyl Tertiary butyl ether also for (Production Well) please analyze for cis-1,2-dichloroethene and trichloroethene

TURN AROUND TIME (WORKING DAYS): ☐ ONE ☐ THREE ☒ FIVE(STD) ☐ OTHER

REPRESENTATIVE:

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Volatile (STARS) Organics		Semi Volatile Base Neutral (STARS)	(Extr)			TCL Volatile Organics	(cis-1,2-dichloroethene	(trichloroethene)		PCBs			REMARKS	PARADIGM LAB SAMPLE NUMBER	ANALYTICAL COSTS
1	8/5/99	9:05 AM			Well A	W	4	X		X											See Comments		
2																					See Comments Base Neutral		
3																							
4																							
5																							
6																							
7	8/5/99	2:00 PM			Production Well	W	3							X				X			See Comments		
8																							
9																							
10																							
11																							
12																							

RELINQUISHED BY: [illegible]	DATE/TIME	RECEIVED BY: Kevin Zalewski	DATE/TIME 8/9/99 10:15am	SAMPLE CONDITION [illegible]	CHECK #	TOTAL COST
RELINQUISHED BY: Kevin Zalewski	DATE/TIME 8/9 - 9:15am	RECEIVED BY:	DATE/TIME	CARRIER COMPANY	AIR BILL NO.	P.I.F
RELINQUISHED BY:	DATE/TIME	RECEIVED @ LAB BY:	DATE/TIME	CARRIER PHONE #	DATE RESULTS REPORTED BY:	DATE/TIME

WHITE COPY-SAMPLE YELLOW COPY-FILE PINK COPY-RELINQUISHER

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD015425.D	1	2/15/2008	VD021408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.43	U	1.0	0.43	ug/L
74-87-3	Chloromethane	0.38	U	1.0	0.38	ug/L
75-01-4	Vinyl chloride	0.46	U	1.0	0.46	ug/L
74-83-9	Bromomethane	0.63	U	1.0	0.63	ug/L
75-00-3	Chloroethane	0.49	U	1.0	0.49	ug/L
75-69-4	Trichlorofluoromethane	0.40	U	1.0	0.40	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.35	U	1.0	0.35	ug/L
75-35-4	1,1-Dichloroethene	0.55	U	1.0	0.55	ug/L
67-64-1	Acetone	2.7	U	5.0	2.7	ug/L
75-15-0	Carbon disulfide	0.51	U	1.0	0.51	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	1.0	0.50	ug/L
79-20-9	Methyl Acetate	0.92	U	1.0	0.92	ug/L
75-09-2	Methylene Chloride	0.52	U	1.0	0.52	ug/L
156-60-5	trans-1,2-Dichloroethene	0.57	U	1.0	0.57	ug/L
75-34-3	1,1-Dichloroethane	0.55	U	1.0	0.55	ug/L
110-82-7	Cyclohexane	0.37	U	1.0	0.37	ug/L
78-93-3	2-Butanone	4.6	U	5.0	4.6	ug/L
56-23-5	Carbon Tetrachloride	0.49	U	1.0	0.49	ug/L
156-59-2	cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L
67-66-3	Chloroform	0.46	U	1.0	0.46	ug/L
71-55-6	1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L
108-87-2	Methylcyclohexane	0.43	U	1.0	0.43	ug/L
71-43-2	Benzene	0.52	U	1.0	0.52	ug/L
107-06-2	1,2-Dichloroethane	0.38	U	1.0	0.38	ug/L
79-01-6	Trichloroethene	0.56	U	1.0	0.56	ug/L
78-87-5	1,2-Dichloropropane	0.56	U	1.0	0.56	ug/L
75-27-4	Bromodichloromethane	0.59	U	1.0	0.59	ug/L
108-10-1	4-Methyl-2-Pentanone	2.7	U	5.0	2.7	ug/L
108-88-3	Toluene	0.51	U	1.0	0.51	ug/L
10061-02-6	t-1,3-Dichloropropene	0.44	U	1.0	0.44	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.54	U	1.0	0.54	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	1.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD015425.D	1	2/15/2008	VD021408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	2.9	U	5.0	2.9	ug/L
124-48-1	Dibromochloromethane	0.45	U	1.0	0.45	ug/L
106-93-4	1,2-Dibromoethane	0.56	U	1.0	0.56	ug/L
127-18-4	Tetrachloroethene	0.68	U	1.0	0.68	ug/L
108-90-7	Chlorobenzene	0.50	U	1.0	0.50	ug/L
100-41-4	Ethyl Benzene	0.50	U	1.0	0.50	ug/L
126777-61-2	m/p-Xylenes	0.97	U	2.0	0.97	ug/L
95-47-6	o-Xylene	0.51	U	1.0	0.51	ug/L
100-42-5	Styrene	0.48	U	1.0	0.48	ug/L
75-25-2	Bromoform	0.42	U	1.0	0.42	ug/L
98-82-8	Isopropylbenzene	0.44	U	1.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	1.0	0.49	ug/L
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45	ug/L
106-46-7	1,4-Dichlorobenzene	0.43	U	1.0	0.43	ug/L
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.41	U	1.0	0.41	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.54	121 %	55 - 143		SPK: 50
1868-53-7	Dibromofluoromethane	50.14	100 %	77 - 128		SPK: 50
2037-26-5	Toluene-d8	54.74	109 %	70 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	51.9	104 %	71 - 132		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	622537	4.59			
540-36-3	1,4-Difluorobenzene	1400326	5.33			
3114-55-4	Chlorobenzene-d5	1661185	10.29			
3855-82-1	1,4-Dichlorobenzene-d4	758316	12.79			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Wol:	**980.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045926.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	0.280	U	10	0.280	ug/L
62-53-3	Aniline	0.690	U	10	0.690	ug/L
108-95-2	Phenol	0.560	U	10	0.560	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.290	U	10	0.290	ug/L
95-57-8	2-Chlorophenol	0.340	U	10	0.340	ug/L
95-48-7	2-Methylphenol	0.370	U	10	0.370	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.280	U	10	0.280	ug/L
98-86-2	Acetophenone	0.380	U	10	0.380	ug/L
106-44-5	3+4-Methylphenols	0.400	U	10	0.400	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.350	U	10	0.350	ug/L
67-72-1	Hexachloroethane	0.230	U	10	0.230	ug/L
98-95-3	Nitrobenzene	0.340	U	10	0.340	ug/L
78-59-1	Isophorone	0.270	U	10	0.270	ug/L
88-75-5	2-Nitrophenol	0.290	U	10	0.290	ug/L
105-67-9	2,4-Dimethylphenol	0.780	U	10	0.780	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.340	U	10	0.340	ug/L
120-83-2	2,4-Dichlorophenol	0.350	U	10	0.350	ug/L
91-20-3	Naphthalene	0.290	U	10	0.290	ug/L
106-47-8	4-Chloroaniline	0.940	U	10	0.940	ug/L
87-68-3	Hexachlorobutadiene	0.400	U	10	0.400	ug/L
105-60-2	Caprolactam	1.5	U	10	1.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.220	U	10	0.220	ug/L
91-57-6	2-Methylnaphthalene	0.380	U	10	0.380	ug/L
77-47-4	Hexachlorocyclopentadiene	0.570	U	10	0.570	ug/L
88-06-2	2,4,6-Trichlorophenol	0.360	U	10	0.360	ug/L
95-95-4	2,4,5-Trichlorophenol	0.390	U	10	0.390	ug/L
92-52-4	1,1-Biphenyl	0.330	U	10	0.330	ug/L
91-58-7	2-Chloronaphthalene	0.230	U	10	0.230	ug/L
88-74-4	2-Nitroaniline	0.260	U	10	0.260	ug/L
131-11-3	Dimethylphthalate	0.280	U	10	0.280	ug/L
208-96-8	Acenaphthylene	0.360	U	10	0.360	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Vol:	**980.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045926.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
606-20-2	2,6-Dinitrotoluene	0.360	U	10	0.360	ug/L
99-09-2	3-Nitroaniline	0.360	U	10	0.360	ug/L
83-32-9	Acenaphthene	0.330	U	10	0.330	ug/L
51-28-5	2,4-Dinitrophenol	0.650	U	10	0.650	ug/L
100-02-7	4-Nitrophenol	1.8	U	10	1.8	ug/L
132-64-9	Dibenzofuran	0.320	U	10	0.320	ug/L
121-14-2	2,4-Dinitrotoluene	0.350	U	10	0.350	ug/L
84-66-2	Diethylphthalate	0.330	U	10	0.330	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.300	U	10	0.300	ug/L
86-73-7	Fluorene	0.290	U	10	0.290	ug/L
100-01-6	4-Nitroaniline	0.370	U	10	0.370	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.300	U	10	0.300	ug/L
86-30-6	N-Nitrosodiphenylamine	0.360	U	10	0.360	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	10	1.4	ug/L
118-74-1	Hexachlorobenzene	0.280	U	10	0.280	ug/L
1912-24-9	Atrazine	0.380	U	10	0.380	ug/L
87-86-5	Pentachlorophenol	0.530	U	10	0.530	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	0.240	U	10	0.240	ug/L
84-74-2	Di-n-butylphthalate	6.0	U	10	6.0	ug/L
206-44-0	Fluoranthene	0.200	U	10	0.200	ug/L
129-00-0	Pyrene	1.4	U	10	1.4	ug/L
85-68-7	Butylbenzylphthalate	0.430	U	10	0.430	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	10	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.3	U	10	1.3	ug/L
218-01-9	Chrysene	0.270	U	10	0.270	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.3	U	10	1.3	ug/L
117-84-0	Di-n-octyl phthalate	0.270	U	10	0.270	ug/L
205-99-2	Benzo(b)fluoranthene	0.440	U	10	0.440	ug/L
207-08-9	Benzo(k)fluoranthene	0.310	U	10	0.310	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Vol:	**980.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045926.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
50-32-8	Benzo(a)pyrene	0.220	U	10	0.220	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.670	U	10	0.670	ug/L
53-70-3	Dibenz(a,h)anthracene	0.550	U	10	0.550	ug/L
191-24-2	Benzo(g,h,i)perylene	0.400	U	10	0.400	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.64	47 %	30 - 78		SPK: 15
13127-88-3	Phenol-d5	42.54	28 %	30 - 77		SPK: 15
4165-60-0	Nitrobenzene-d5	95.08	95 %	30 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	103.02	103 %	35 - 111		SPK: 10
118-79-6	2,4,6-Tribromophenol	134.87	90 %	27 - 118		SPK: 15
1718-51-0	Terphenyl-d14	93.22	93 %	26 - 135		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	127835	4.37			
1146-65-2	Naphthalene-d8	475929	5.55			
15067-26-2	Acenaphthene-d10	254606	7.25			
1517-22-2	Phenanthrene-d10	444124	8.72			
1719-03-5	Chrysene-d12	370946	11.33			
1520-96-3	Perylene-d12	351769	13.05			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.01	17	AB	3.01		ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
Analytical Method:	**8082**	**% Moisture:**	**100**
Sample Wt/Vol:	**990 mL**	**Extract Vol:**	**10000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6013498.D	1	2/11/2008	2/20/2008	P6021208

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.146	U	0.51	0.146	ug/L
11104-28-2	AROCLOR 1221	0.172	U	0.51	0.172	ug/L
11141-16-5	AROCLOR 1232	0.110	U	0.51	0.110	ug/L
53469-21-9	AROCLOR 1242	0.084	U	0.51	0.084	ug/L
12672-29-6	AROCLOR 1248	0.042	U	0.51	0.042	ug/L
11097-69-1	AROCLOR 1254	0.037	U	0.51	0.037	ug/L
11096-82-5	AROCLOR 1260	0.1600	U	0.51	0.1600	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5	103 %	42 - 133		SPK: 20
2051-24-3	Decachlorobiphenyl	21.6	108 %	30 - 141		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	17.2	U		ug/L	17.2	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-36-0	Antimony	128			ug/L	3.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U		ug/L	2.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-39-3	Barium	3.100	U		ug/L	3.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-41-7	Beryllium	0.100	U		ug/L	0.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U		ug/L	0.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-70-2	Calcium	330000			ug/L	7.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-47-3	Chromium	13.9			ug/L	0.600	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-48-4	Cobalt	17.8			ug/L	1.300	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-50-8	Copper	24.2			ug/L	0.500	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-89-6	Iron	4410			ug/L	47.7	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-92-1	Lead	1.900	U		ug/L	1.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-95-4	Magnesium	1220000		N	ug/L	9.200	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-96-5	Manganese	439			ug/L	0.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-97-6	Mercury	0.11	U		ug/L	0.11	1	2/11/2008	2/11/2008	EPA SW-846 7470
7440-02-0	Nickel	10.3	J		ug/L	1.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-09-7	Potassium	24400			ug/L	236	1	2/11/2008	2/12/2008	EPA SW-846 6010
7782-49-2	Selenium	2.100	U		ug/L	2.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-22-4	Silver	31.6			ug/L	0.600	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-23-5	Sodium	347000			ug/L	204	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-28-0	Thallium	3.500	U		ug/L	3.500	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-62-2	Vanadium	17.0	J		ug/L	1.000	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-66-6	Zinc	23.2			ug/L	2.900	1	2/11/2008	2/12/2008	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-A**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-01**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.01	U	0.01	mg/L	1	2/11/2008	SM4500-CN-E,C

Comment

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Z1464
QUOTE NO.
COC Number 069760 159

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LIRO ENGINEERS INC
ADDRESS: 690 DELAWARE AVE
CITY: BUFFALO STATE: NY ZIP: 14209
ATTENTION: STEVE FRANK
PHONE: 716 882-5476 FAX: 897-9645

CLIENT PROJECT INFORMATION

PROJECT NAME: SPAULDING FIBRE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 30 DAYS *
EDD: 30 DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 VOCs 2 SVOCs 3 PCBs 4 METALS 5 CN 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1. 1	MW-A	W	X		2-7-08		6	X	X	X	X	X				
2. 2	MW-B	W	X		"		6	X	X	X	X	X				
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

PRESERVATIVES

COMMENTS

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
1. RELINQUISHED BY SAMPLER: [signature]	2-7-08 1760	1. RECEIVED BY:	Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant Cooler Temp. 3.0°C
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:	MeOH extraction requires an additional 4 oz jar for percent solid. Comments: Ice in Cooler?: Y
3. RELINQUISHED BY: RS by Chemtech	DATE/TIME: 2-8-08 9:50	3. RECEIVED FOR LAB BY: Ronald Pedrose	Page 1 of 1 SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT Shipment Complete ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-02 (002 OW-A - Ground Water) — **Sampled: 11/23/10 09:55** — **Recvd: 11/23/10 12:30**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Acetone	**3.8**	J	10	3.0	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-02 (002 OW-A - Ground Water) - cont. **Sampled: 11/23/10 09:55** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B - cont.										
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/02/10 05:41	NMD	10L0117	8260B
1,2-Dichloroethane-d4	*108 %*		*Surr Limits: (66-137%)*				*12/02/10 05:41*	*NMD*	*10L0117*	*8260B*
4-Bromofluorobenzene	*107 %*		*Surr Limits: (73-120%)*				*12/02/10 05:41*	*NMD*	*10L0117*	*8260B*
Toluene-d8	*119 %*		*Surr Limits: (71-126%)*				*12/02/10 05:41*	*NMD*	*10L0117*	*8260B*
Alcohols by EPA Method 8015 modified										
2-Butanol	ND		1.0	0.17	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
Ethanol	ND		1.0	0.14	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
Isobutanol	ND		1.0	0.37	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
Isopropyl alcohol	ND		1.0	0.12	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
Methanol	ND		1.0	0.41	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
n-Butanol	ND		1.0	0.40	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
Propanol	ND		1.0	0.16	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
t-Butanol	ND		1.0	0.10	mg/L	1.00	12/02/10 08:27	GFD	10L0034	8015
2-Hexanone	*107 %*		*Surr Limits: (70-129%)*				*12/02/10 08:27*	*GFD*	*10L0034*	*8015*
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND		24	0.45	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4,6-Trichlorophenol	ND		9.4	0.58	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4-Dichlorophenol	ND		9.4	0.48	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4-Dimethylphenol	ND		9.4	0.47	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4-Dinitrophenol	ND		47	2.1	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4-Dinitrotoluene	ND		9.4	0.42	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,6-Dinitrotoluene	ND		9.4	0.38	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Chloronaphthalene	ND		9.4	0.43	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Chlorophenol	ND		9.4	0.50	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Methylnaphthalene	ND		9.4	0.57	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Methylphenol	ND		9.4	0.38	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Nitroaniline	ND		47	0.40	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2-Nitrophenol	ND		9.4	0.45	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
3,3'-Dichlorobenzidine	ND		19	0.38	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
3-Nitroaniline	ND		47	0.45	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4,6-Dinitro-2-methylphenol	ND		47	2.1	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Bromophenyl phenyl ether	ND		9.4	0.42	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Chloro-3-methylphenol	ND		9.4	0.42	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Chloroaniline	ND		9.4	0.56	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Chlorophenyl phenyl ether	ND		9.4	0.33	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Methylphenol	ND		4.7	0.34	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Nitroaniline	ND		47	0.24	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
4-Nitrophenol	ND		47	1.4	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Acenaphthene	ND		9.4	0.39	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Acenaphthylene	ND		9.4	0.36	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Anthracene	ND		9.4	0.26	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Atrazine	ND		9.4	0.43	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Benzaldehyde	ND		47	0.25	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Benzo(a)anthracene	ND		9.4	0.34	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Benzo(a)pyrene	ND		9.4	0.44	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-02 (002 OW-A - Ground Water) - cont.						**Sampled: 11/23/10 09:55**		**Recvd: 11/23/10 12:30**		
Semivolatile Organics by GC/MS - cont.										
Benzo(b)fluoranthene	ND		9.4	0.32	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Benzo(ghi)perylene	ND		9.4	0.33	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Benzo(k)fluoranthene	ND		9.4	0.69	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Biphenyl	ND		9.4	0.62	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Bis(2-chloroethoxy)methane	ND		9.4	0.33	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Bis(2-chloroethyl)ether	ND		9.4	0.38	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,2'-Oxybis(1-Chloropropane)	ND		9.4	0.49	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Bis(2-ethylhexyl) phthalate	ND		9.4	1.7	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Butyl benzyl phthalate	ND		9.4	0.40	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Caprolactam	ND		9.4	2.1	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Carbazole	ND		4.7	0.28	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Chrysene	ND		9.4	0.31	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Dibenzo(a,h)anthracene	ND		9.4	0.40	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Dibenzofuran	ND		9.4	0.48	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Diethyl phthalate	ND		9.4	0.21	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Dimethyl phthalate	ND		9.4	0.34	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Di-n-butyl phthalate	ND		9.4	0.29	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Di-n-octyl phthalate	ND		9.4	0.44	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Fluoranthene	ND		9.4	0.38	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Fluorene	ND		9.4	0.34	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Hexachlorobenzene	ND		9.4	0.48	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Hexachlorobutadiene	ND		9.4	0.64	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Hexachlorocyclopentadiene	ND		9.4	0.56	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Hexachloroethane	ND		9.4	0.56	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Indeno(1,2,3-cd)pyrene	ND		9.4	0.44	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Isophorone	ND		9.4	0.41	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Naphthalene	ND		9.4	0.72	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Nitrobenzene	ND		9.4	0.27	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
N-Nitrosodi-n-propylamine	ND		9.4	0.51	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
N-Nitrosodiphenylamine	ND		9.4	0.48	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Pentachlorophenol	ND		47	2.1	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Phenanthrene	ND		9.4	0.42	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Phenol	**1.5**	J	9.4	0.37	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
Pyrene	ND		9.4	0.32	ug/L	1.00	11/29/10 14:08	MKP	10K2515	8270C
2,4,6-Tribromophenol	*108 %*		*Surr Limits: (52-132%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
2-Fluorobiphenyl	*80 %*		*Surr Limits: (48-120%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
2-Fluorophenol	*45 %*		*Surr Limits: (20-120%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
Nitrobenzene-d5	*78 %*		*Surr Limits: (46-120%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
Phenol-d5	*32 %*		*Surr Limits: (16-120%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
p-Terphenyl-d14	*49 %*		*Surr Limits: (24-136%)*				*11/29/10 14:08*	*MKP*	*10K2515*	*8270C*
Total Metals by SW 846 Series Methods										
Aluminum	ND		0.200	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Barium	**0.0090**		0.0020	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-02 (002 OW-A - Ground Water) - cont.						**Sampled: 11/23/10 09:55**		**Recvd: 11/23/10 12:30**		
Total Metals by SW 846 Series Methods - cont.										
Beryllium	ND		0.0020	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Calcium	**413**		0.5	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Chromium	ND		0.0040	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Copper	ND		0.0100	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Iron	**2.01**		0.050	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Lead	ND		0.0050	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Magnesium	**1470**	D08	2.00	NR	mg/L	10.0	11/29/10 11:35	AMH	10K2373	6010B
Manganese	**0.479**		0.0030	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Potassium	**16.1**		0.500	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Silver	ND		0.0030	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Sodium	**296**		1.0	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Vanadium	ND		0.0050	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Zinc	**0.0219**		0.0100	NR	mg/L	1.00	11/24/10 17:55	MxM	10K2373	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	11/29/10 16:46	JRK	10K2495	7470A
General Chemistry Parameters										
Cyanide	ND		0.0100	0.0050	mg/L	1.00	11/27/10 15:35	JME	10K2502	335.4
Aldehydes by EPA Method 8315A										
Formaldehyde	ND		50.0	NR	ug/L	1.00	11/24/10 17:55	gmh	10K4995	SW846 8315A
Butyraldehyde	*71 %*		*Surr Limits: (54-128%)*				*11/24/10 17:55*	*gmh*	*10K4995*	*SW846 8315A*

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Region 9	Glenn May	11/23/10	179379
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
Michigan Avenue			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**
Spaulding Fibre Site #91505	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis: TAL Metals	TCL	Pesticide/PCB	SVOA	BNA/Acid	VOA	Special Instructions/ Conditions of Receipt
001 MW-8R	11/23/10	0910		X			4		1	3	1		2	X	X	X	X	X	X	
002 OW-A	11/23/10	0955		X			4		1	3	1		2	X	X	X	X	X	X	
003 OW-B	11/23/10	1030		X			4		1	3	1		2	X	X	X	X	X	X	
004 MW-43R	11/23/10	1120		X			4		1	3	1		2	X	X	X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11/23/10	1230	1. Received By	11/23/10	1230
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-A
Date Collected: 08/09/11 07:30
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-2
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/11 12:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/11 12:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/11 12:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/11 12:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/11 12:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/11 12:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/11 12:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/11 12:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/11 12:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/11 12:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/11 12:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/11 12:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/11 12:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/11 12:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/11 12:21	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/11 12:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/11 12:21	1
Acetone	ND		10	3.0	ug/L			08/12/11 12:21	1
Benzene	ND		1.0	0.41	ug/L			08/12/11 12:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/11 12:21	1
Bromoform	ND		1.0	0.26	ug/L			08/12/11 12:21	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/11 12:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/11 12:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/11 12:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/11 12:21	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/11 12:21	1
Chloroform	ND		1.0	0.34	ug/L			08/12/11 12:21	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/11 12:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/11 12:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/11 12:21	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/11 12:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/11 12:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/11 12:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/11 12:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/11 12:21	1
Methyl acetate	ND		1.0	0.50	ug/L			08/12/11 12:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/11 12:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/11 12:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/11 12:21	1
Styrene	ND		1.0	0.73	ug/L			08/12/11 12:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/11 12:21	1
Toluene	ND		1.0	0.51	ug/L			08/12/11 12:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/11 12:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/11 12:21	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/11 12:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/11 12:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/11 12:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/11 12:21	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-A
Date Collected: 08/09/11 07:30
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-2
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*103*		*66 - 137*		*08/12/11 12:21*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/12/11 12:21*	*1*
Toluene-d8 (Surr)	*116*		*71 - 126*		*08/12/11 12:21*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:42	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Chlorophenol	ND		4.7	0.50	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Methylphenol	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Nitroaniline	ND		9.4	0.40	ug/L		08/10/11 16:08	08/11/11 19:42	1
2-Nitrophenol	ND		4.7	0.45	ug/L		08/10/11 16:08	08/11/11 19:42	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:42	1
3-Nitroaniline	ND		9.4	0.45	ug/L		08/10/11 16:08	08/11/11 19:42	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Chloroaniline	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Methylphenol	ND		9.4	0.34	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Nitroaniline	ND		9.4	0.24	ug/L		08/10/11 16:08	08/11/11 19:42	1
4-Nitrophenol	ND		9.4	1.4	ug/L		08/10/11 16:08	08/11/11 19:42	1
Acenaphthene	ND		4.7	0.39	ug/L		08/10/11 16:08	08/11/11 19:42	1
Acenaphthylene	ND		4.7	0.36	ug/L		08/10/11 16:08	08/11/11 19:42	1
Acetophenone	ND		4.7	0.51	ug/L		08/10/11 16:08	08/11/11 19:42	1
Anthracene	ND		4.7	0.26	ug/L		08/10/11 16:08	08/11/11 19:42	1
Atrazine	ND		4.7	0.43	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzaldehyde	ND		4.7	0.25	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:42	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		08/10/11 16:08	08/11/11 19:42	1
Biphenyl	ND		4.7	0.62	ug/L		08/10/11 16:08	08/11/11 19:42	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		08/10/11 16:08	08/11/11 19:42	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:42	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:42	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		08/10/11 16:08	08/11/11 19:42	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		08/10/11 16:08	08/11/11 19:42	1
Caprolactam	ND		4.7	2.1	ug/L		08/10/11 16:08	08/11/11 19:42	1
Carbazole	ND		4.7	0.28	ug/L		08/10/11 16:08	08/11/11 19:42	1
Chrysene	ND		4.7	0.31	ug/L		08/10/11 16:08	08/11/11 19:42	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		08/10/11 16:08	08/11/11 19:42	1
Dibenzofuran	ND		9.4	0.48	ug/L		08/10/11 16:08	08/11/11 19:42	1

Client Sample ID: OW-A
Date Collected: 08/09/11 07:30
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-2
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.7	0.21	ug/L		08/10/11 16:08	08/11/11 19:42	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:42	1
Di-n-butyl phthalate	ND		4.7	0.29	ug/L		08/10/11 16:08	08/11/11 19:42	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:42	1
Fluoranthene	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:42	1
Fluorene	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:42	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:42	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		08/10/11 16:08	08/11/11 19:42	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:42	1
Hexachloroethane	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:42	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:42	1
Isophorone	ND		4.7	0.41	ug/L		08/10/11 16:08	08/11/11 19:42	1
Naphthalene	ND		4.7	0.72	ug/L		08/10/11 16:08	08/11/11 19:42	1
Nitrobenzene	ND		4.7	0.27	ug/L		08/10/11 16:08	08/11/11 19:42	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		08/10/11 16:08	08/11/11 19:42	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:42	1
Pentachlorophenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:42	1
Phenanthrene	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:42	1
Phenol	**0.56**	**J**	4.7	0.37	ug/L		08/10/11 16:08	08/11/11 19:42	1
Pyrene	ND		4.7	0.32	ug/L		08/10/11 16:08	08/11/11 19:42	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*121*		*52 - 132*	*08/10/11 16:08*	*08/11/11 19:42*	*1*
2-Fluorobiphenyl	*95*		*48 - 120*	*08/10/11 16:08*	*08/11/11 19:42*	*1*
2-Fluorophenol	*50*		*20 - 120*	*08/10/11 16:08*	*08/11/11 19:42*	*1*
Nitrobenzene-d5	*86*		*46 - 120*	*08/10/11 16:08*	*08/11/11 19:42*	*1*
Phenol-d5	*35*		*16 - 120*	*08/10/11 16:08*	*08/11/11 19:42*	*1*
p-Terphenyl-d14	*71*		*24 - 136*	*08/10/11 16:08*	*08/11/11 19:42*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		1.0	0.14	mg/L			08/12/11 20:31	1
Isobutyl alcohol	ND		1.0	0.37	mg/L			08/12/11 20:31	1
Methanol	ND		1.0	0.41	mg/L			08/12/11 20:31	1
n-Butanol	ND		1.0	0.40	mg/L			08/12/11 20:31	1
Propanol	ND		1.0	0.16	mg/L			08/12/11 20:31	1
2-Butanol	ND		1.0	0.17	mg/L			08/12/11 20:31	1
Isopropyl alcohol	ND		1.0	0.12	mg/L			08/12/11 20:31	1
t-Butyl alcohol	ND		1.0	0.10	mg/L			08/12/11 20:31	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Hexanone	*89*		*70 - 129*		*08/12/11 20:31*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**6.7**	**J**	50	5.0	ug/L		08/11/11 09:38	08/12/11 11:44	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.26**	**B**	0.20	0.060	mg/L		08/11/11 08:50	08/11/11 15:29	1
Antimony	ND		0.020	0.0068	mg/L		08/11/11 08:50	08/11/11 15:29	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-A
Date Collected: 08/09/11 07:30
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-2
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		08/11/11 08:50	08/11/11 15:29	1
Barium	**0.014**		0.0020	0.00050	mg/L		08/11/11 08:50	08/11/11 15:29	1
Beryllium	ND		0.0020	0.00030	mg/L		08/11/11 08:50	08/11/11 15:29	1
Cadmium	**0.00071**	**J**	0.0010	0.00033	mg/L		08/11/11 08:50	08/11/11 15:29	1
Calcium	**444**	**B**	0.50	0.10	mg/L		08/11/11 08:50	08/11/11 15:29	1
Chromium	**0.0026**	**J**	0.0040	0.00087	mg/L		08/11/11 08:50	08/11/11 15:29	1
Cobalt	**0.0046**		0.0040	0.00063	mg/L		08/11/11 08:50	08/11/11 15:29	1
Copper	**0.0016**	**J**	0.010	0.0015	mg/L		08/11/11 08:50	08/11/11 15:29	1
Iron	**0.98**	**B**	0.050	0.019	mg/L		08/11/11 08:50	08/11/11 15:29	1
Lead	**0.0040**	**J**	0.0050	0.0030	mg/L		08/11/11 08:50	08/11/11 15:29	1
Magnesium	**1040**		2.0	0.43	mg/L		08/11/11 08:50	08/12/11 19:23	10
Manganese	**0.50**	**B**	0.0030	0.00030	mg/L		08/11/11 08:50	08/11/11 15:29	1
Nickel	**0.0055**	**J**	0.010	0.0013	mg/L		08/11/11 08:50	08/11/11 15:29	1
Potassium	**14.2**		0.50	0.20	mg/L		08/11/11 08:50	08/11/11 15:29	1
Selenium	ND		0.015	0.0087	mg/L		08/11/11 08:50	08/11/11 15:29	1
Silver	ND		0.0030	0.0017	mg/L		08/11/11 08:50	08/11/11 15:29	1
Sodium	**499**		1.0	0.32	mg/L		08/11/11 08:50	08/11/11 15:29	1
Thallium	ND		0.020	0.010	mg/L		08/11/11 08:50	08/11/11 15:29	1
Vanadium	**0.0041**	**J**	0.0050	0.0011	mg/L		08/11/11 08:50	08/11/11 15:29	1
Zinc	**0.023**		0.010	0.0017	mg/L		08/11/11 08:50	08/11/11 15:29	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/10/11 10:10	08/10/11 14:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/18/11 16:26	08/19/11 08:10	1

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 9	Glenn May	8-9-11	199004
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
Michigan Ave.			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**
Spaulding Fibre Site# 915050		
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Ac/NaOH	40ml VOA Unpres.	TAL Metals	CN	Formaldehyde	SVOA	8015B DAI	8260B TCL	Special Instructions/ Conditions of Receipt
OW-B	8-9-11	0655		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	12 Total
OW-A	8-9-11	0730		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
MW-43R	8-9-11	0820		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
OW-8R	8-9-11	0910		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
END																				48 Total

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: R. Fitzburn			1. Received By: [signature] - TA	8/9/11	10:05
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2 coolers @ 15.1°C on ice

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-A
Lab Order:	U1201135	**Collection Date:**	1/5/2012 9:00:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NONHALOGENATED VOLATILES BY EPA 8015B			**8015_W**			Analyst: **Sub**
Ethanol (#)	ND	1.0		mg/L	1	1/12/2012
Methanol (#)	ND	1.0		mg/L	1	1/12/2012
NOTES:						
Subcontracted to NYSDOH ELAP Lab ID#10145						
The test parameter Ethanol requires NYSDOH ELAP accreditation.						
ICP METALS, TOTAL BY NYSDEC ASP 2005			**200.7WTASP**	**(E200.7)**		Analyst: **ALW**
Aluminum	514	100		µg/L	1	1/16/2012 4:21:17 PM
Barium	ND	50.0		µg/L	1	1/16/2012 4:21:17 PM
Beryllium	ND	3.00		µg/L	1	1/16/2012 4:21:17 PM
Cadmium	ND	5.00		µg/L	1	1/16/2012 4:21:17 PM
Calcium	479000	5000		µg/L	1	1/16/2012 4:21:17 PM
Chromium	ND	10.0		µg/L	1	1/16/2012 4:21:17 PM
Cobalt	ND	20.0		µg/L	1	1/16/2012 4:21:17 PM
Copper	ND	10.0		µg/L	1	1/16/2012 4:21:17 PM
Iron	1370	60.0		µg/L	1	1/16/2012 4:21:17 PM
Magnesium	454000	5000		µg/L	1	1/16/2012 4:21:17 PM
Manganese	360	10.0		µg/L	1	1/16/2012 4:21:17 PM
Nickel	ND	30.0		µg/L	1	1/16/2012 4:21:17 PM
Potassium	24200	5000		µg/L	1	1/16/2012 4:21:17 PM
Silver	ND	10.0		µg/L	1	1/16/2012 4:21:17 PM
Sodium	1050000	25000		µg/L	5	1/16/2012 5:07:16 PM
Vanadium	ND	30.0		µg/L	1	1/16/2012 4:21:17 PM
Zinc	23.5	10.0		µg/L	1	1/16/2012 4:21:17 PM
ASP TOTAL METALS BY ICP-MS			**200.8ASP**	**(E200.8)**		Analyst: **DEB**
Antimony	ND	5.00		µg/L	1	1/17/2012 11:15:00 AM
Arsenic	ND	5.00		µg/L	1	1/17/2012 11:15:00 AM
Lead	ND	3.00		µg/L	1	1/17/2012 11:15:00 AM
Selenium	ND	3.00		µg/L	1	1/17/2012 11:15:00 AM
Thallium	ND	3.00		µg/L	1	1/17/2012 11:15:00 AM
TOTAL MERCURY WATERS ASP			**245.2WTASP**	**(E245.2)**		Analyst: **ALW**
Mercury	ND	0.200		µg/L	1	1/17/2012 2:30:00 PM
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005			**8270ASP05_W**	**(SW3520)**		Analyst: **LD**
(3+4)-Methylphenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
1,2,4,5-Tetrachlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT: SJB/EmpireGeo Services, Inc.
Client Sample ID: OW-A
Lab Order: U1201135
Collection Date: 1/5/2012 9:00:00 AM
Project: BEV-09-006/Spaulding
Lab ID: U1201135-001
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/11/2012 12:27:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2,4-Dinitrophenol	ND	10		µg/L	1	1/11/2012 12:27:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2-Methylphenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
2-Nitroaniline	ND	10		µg/L	1	1/11/2012 12:27:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
3,3´-Dichlorobenzidine	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
3-Nitroaniline	ND	10		µg/L	1	1/11/2012 12:27:00 PM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/11/2012 12:27:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
4-Chloroaniline	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
4-Nitroaniline	ND	10		µg/L	1	1/11/2012 12:27:00 PM
4-Nitrophenol	ND	10		µg/L	1	1/11/2012 12:27:00 PM
Acenaphthene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Acenaphthylene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Acetophenone	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Anthracene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Atrazine	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benzaldehyde	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Biphenyl	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Bis(2-ethylhexyl)phthalate	1.3	5.0	J	µg/L	1	1/11/2012 12:27:00 PM

Approved By: **Date:**

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-A
Lab Order:	U1201135	**Collection Date:**	1/5/2012 9:00:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**		**(SW3520)**	Analyst: **LD**	
Butyl benzyl phthalate	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Caprolactam	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Carbazole	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Chrysene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Dibenzofuran	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Fluoranthene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Fluorene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Hexachlorocyclopentadiene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Hexachloroethane	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Isophorone	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Naphthalene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Nitrobenzene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Pentachlorophenol	ND	10		µg/L	1	1/11/2012 12:27:00 PM
Phenanthrene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Phenol	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
Pyrene	ND	5.0		µg/L	1	1/11/2012 12:27:00 PM
TIC: n-Hexadecanoic acid	4.4	0		µg/L	1	1/11/2012 12:27:00 PM
TIC: unknown (11.06)	13	0	B	µg/L	1	1/11/2012 12:27:00 PM
TIC: unknown (4.73)	20	0		µg/L	1	1/11/2012 12:27:00 PM
TIC: unknown (4.89)	5.9	0		µg/L	1	1/11/2012 12:27:00 PM
TIC: unknown (5.95)	3.5	0		µg/L	1	1/11/2012 12:27:00 PM
TIC: unknown (9.41)	4.5	0		µg/L	1	1/11/2012 12:27:00 PM
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**			Analyst: **EMZ**	
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT: SJB/EmpireGeo Services, Inc.
Client Sample ID: OW-A
Lab Order: U1201135
Collection Date: 1/5/2012 9:00:00 AM
Project: BEV-09-006/Spaulding
Lab ID: U1201135-001
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
1,4-Dioxane	ND	100		µg/L	1	1/9/2012 2:16:00 PM
2-Butanone	ND	10		µg/L	1	1/9/2012 2:16:00 PM
2-Hexanone	ND	10		µg/L	1	1/9/2012 2:16:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/9/2012 2:16:00 PM
Acetone	ND	10		µg/L	1	1/9/2012 2:16:00 PM
Benzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Bromochloromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Bromoform	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Bromomethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Carbon disulfide	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Chloroethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Chloroform	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Chloromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Cyclohexane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Freon-113	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
m,p-Xylene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Methyl Acetate	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Methylcyclohexane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM

Approved By: **Date:**

Qualifiers:

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**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-A
Lab Order:	U1201135	**Collection Date:**	1/5/2012 9:00:00 AM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-001	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260			**8260ASP05_W**			Analyst: **EMZ**
Methylene chloride	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
n-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
n-Propylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
o-Xylene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
sec-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Styrene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
tert-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Toluene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
Vinyl chloride	ND	5.0		µg/L	1	1/9/2012 2:16:00 PM
NOTES: TICS: No compounds were detected.						
CYANIDE, TOTAL WATERS BY NYSDEC ASP 2005			**CN_W_ASP**	**(E335.4)**		Analyst: **CAC**
Cyanide	ND	10.0		µg/L	1	1/18/2012
FORMALDEHYDE DEC 89-9			**FORMALD_W**			Analyst: **Sub**
Formaldehyde	ND	0.0080		mg/L	1	1/6/2012
NOTES: Subcontracted to NYSDOH ELAP Lab ID#10145						

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

8 DAY TAT

Client: SJB - HAMBURG
Empire Geo Services

Client Project # / Project Name
REV-09-006 / Spaulding

Client Contact: Dave Steiner

Phone # 649 8110

Site Location (city/state): Tonawanda, NY

Special Turnaround Time _____ (Lab Notification required) ASP-B

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only U1201135	No. of Containers	1) TCL VOCs 2005	2) TCL BNAs 2005	3) Formaldehyde	4) Ethanol Methanol	5) Metals	6) T. Cyanide	7)	8)	9)	10)	Remarks
OW-A	1/5/12	0900	GW	G	1	8	XX	X	X	XX	X	X					
OW-8R		1130	GW		2	8	XX	X	X	XX	X	X					
MW-43R		1215	GW		3	8	XX	X	X	XX	X	X					
Retention Pond		1400	SW		4	2	–	X	X	–	–	–					
OW-B		1530	GW		5	8	XX	X	X	XX	X	X					

parameter and method	sample bottle: type	size	pres.
1) SJB 1-5-12 VOCs 8260B	Glass	40ml	HCl
2) BNAs 8270C	Amber	950ml	Cool
3) Formaldehyde 8315A	Amber	950ml	Cool
4) Ethanol, Methanol 8015B 4	Glass	40ml	Cool
5) Metals 6010B/7470A TAL	Poly	500ml	HNO3
6) T. Cyanide	Poly	500ml	
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) S. Bochenek

Company: Empire Geo Services

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	1/5/12	1640	[signature]
[signature]	1/5/12	1730	
	1/6/12	0818	[signature]

Syracuse Rochester ~~Buffalo~~ Albany Binghamton Fair Lawn (NJ)

GROUNDWATER RESULTS FOR MONITORING WELL OW-B

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716-647-3311

Volatile Laboratory Analysis Report For Non-Potable Water

Client:	Leader Environmental	**Lab Project No.:**	98-2010
Client Job **Site:**	Spaulding	**Lab Sample No.:**	7014
Client Job **No.:**	N/A	**Sample Type:**	Groundwater
Field **Location:**	Well B	**Date Sampled:**	11/03/98
		Date Received:	11/03/98
Field ID **No.:**	N/A	**Date Analyzed:**	11/05/98

VOLATILE HALOCARBONS	RESULTS (ug/L)	VOLATILE AROMATICS	RESULTS (ug/L)
Bromodichloromethane	ND< 2.0	Benzene	ND< 2.0
Bromomethane	ND< 2.0	Chlorobenzene	ND< 2.0
Bromoform	ND< 2.0	Ethylbenzene	ND< 2.0
Carbon tetrachloride	ND< 2.0	Toluene	ND< 2.0
Chloroethane	ND< 2.0	m,p - Xylene	ND< 2.0
Chloromethane	ND< 2.0	o - Xylene	ND< 2.0
2-Chloroethyl vinyl ethe	ND< 2.0	Styrene	ND< 2.0
Chloroform	ND< 2.0		
Dibromochloromethane	ND< 2.0		
1,1-Dichloroethane	ND< 2.0		
1,2-Dichloroethane	ND< 2.0		
1,1-Dichloroethene	ND< 2.0	Ketones & Misc.	
trans-1,2-Dichloroethen	ND< 2.0	Acetone	ND< 10.0
1,2-Dichloropropane	ND< 2.0	Vinyl acetate	ND< 5.0
cis-1,3-Dichloropropene	ND< 2.0	2-Butanone	ND< 5.0
trans-1,3-Dichloroprope	ND< 2.0	4-Methyl-2-pentanone	ND< 5.0
Methylene chloride	ND< 5.0	2-Hexanone	ND< 5.0
1,1,2,2-Tetrachloroetha	ND< 2.0	Carbon disulfide	ND< 5.0
Tetrachloroethene	ND< 2.0		
1,1,1-Trichloroethane	ND< 2.0		
1,1,2-Trichloroethane	ND< 2.0		
Trichloroethene	ND< 2.0		
Vinyl Chloride	ND< 2.0		

Analytical Method: EPA 8260 ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By _____
Laboratory Director

982010V2.XLS

PARADIGM
ENVIRONMENTAL
SERVICES, INC.

179 Lake Avenue, Rochester, New York 14608 (716) 647-2530 FAX (716) 647-3311

Semi-Volatile Analysis Report For Non-Potable Water (Acid Fraction)

Client:	Leader Environmental, Inc.	Lab Project No.:	98-2010
		Lab Sample No.:	7014
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11/03/98
Field Location:	Well B	Date Received:	11/03/98
Field ID No.:	N/A	Date Analyzed:	11/10/98

COMPOUND	RESULT (ug/L)
2-Chlorophenol	ND < 10
2-Methylphenol	ND < 10
4-Methyphenol	ND < 10
Phenol	ND < 10
Benzoic acid	ND < 25
4-Chloro-3-methylphenol	ND < 10
2,4-Dichlorophenol	ND < 10
2,6-Dichlorophenol	ND < 10
2,4-Dimethylphenol	ND < 10
2-Nitrophenol	ND < 10
2,4-Dinitrophenol	ND < 10
4-Nitrophenol	ND < 10
2,4,6-Trichlorophenol	ND < 10
2,4,5-Trichlorophenol	ND < 10
4,6-Dinitro-2-methylpheno	ND < 10
Pentachlorophenol	ND < 10

Analytical Method: EPA 8270 NYS ELAP ID No.: 10958

Comments: ND denotes Not Detected

Approved By: _____
Laboratory Director

98201052.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Polychlorinated Biphenyls in Water

Client:	Leader Environmental	**Lab Project No:**	98-2010
		Lab Sample No:	7014
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11/03/98
Field Location:	Well B	**Date Received:**	11/03/98
Field ID No.:	N/A	**Date Analyzed:**	11/06/98

Polychlorinated Biphenyl	Result (ug/L)	Reporting Limit (ug/L)
PCB 1016	ND	1.00
PCB 1221	ND	1.00
PCB1232	ND	1.00
PCB 1242	ND	1.00
PCB 1248	ND	1.00
PCB 1254	ND	1.00
PCB 1260	ND	1.00

Analytical Method: EPA 8080 ELAP ID: 10958

Comments: ND denotes Not Detected.

Approved By: _____
Laboratory Director

File ID: 982010P2.XLS

PARADIGM
Environmental Services, Inc. 179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Client: Leader Environmental

Client Job Site: Spaulding

Client Job No.: N/A

Lab Project No.: 98-2010

Sample Type: Water
Method: SW846 3005,6010

Date(s) Sampled: 11/3/98
Date Received: 11/3/98
Date Analyzed: 11/6/98

Lab Sample No.	Field ID No.	Field Location	Zinc Results (mg/L)
7013	N/A	Well A	0.032
7014	N/A	Well B	0.011

ELAP ID No.: 10958

Comments:

Approved By: _____
Laboratory Director

File ID: 982010.XLS

PARADIGM
Environmental Services, Inc.

179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Laboratory Analysis For Petroleum Hydrocarbons in Water

Client:	Leader Environmental	**Lab Project No.:**	98-2010
		Lab Sample No.:	7014
Client Job Site:	Spaulding		
		Sample Type:	Water
Client Job No.:	N/A		
		Date Sampled:	11/3/98
Field Location:	Well B	**Date Received:**	11/3/98
Field ID No:	N/A	**Date Analyzed:**	11/11/98

Petroleum Hydrocarbon	Result (ug/L)	Reporting Limit (ug/L)
Petroleum Hydrocarbon	ND	250

N.Y.D.O.H. Analytical Method: 310.13 ELAP ID No.: 10958

Comments: ND denotes Not Detected.

Approved By: _____
Laboratory Director

File ID: 982010H2.XLS

PARADIGM
Environmental Services, Inc.
179 Lake Avenue Rochester, New York 14608 716-647-2530 FAX 716- 647-3311

Client: **Leader Environmental**

Client Job Site: Spaulding

Field Location: Well B
Field ID No.: N/A

Lab Project No.: 98-2010
Lab Sample No.: 7014

Sample Type: Wastewater

Date Sampled: 11/3/98
Date Received: 11/3/98

Parameter	Date Analyzed	Analytical Method	Result ug/l
Ethanol	11/4/98	8015B	ND <1000
Methanol	11/4/98	8015B	ND <1000

ELAP ID. No. 10145

Comments: ND denotes Non Detected.

Approved By: _____
Laboratory Director

File ID: 982010meth-1

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 • (800) 724-1997
FAX (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT # 98-2080
COMPANY	Leader Environmental	COMPANY	SAME	
ADDRESS	P.O. Box 296	ADDRESS		P.O. #
CITY	Clarence STATE NY ZIP 14031	CITY	STATE ZIP	
ATT.	G. Wygant PHONE# 716-565-0963	ATT.	PHONE#	
	FAX# 716-565-0964	FAX#		☐ ADDENDUM

PROJECT NAME/SITE NAME: SPAULDING

PROJECT #:

COMMENTS:

TURN AROUND TIME (WORKING DAYS) ☐ ONE ☐ THREE ☐ FIVE(STD) ☒ OTHER 10 d.; L.S.

REPRESENTATIVE:

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	REQUESTED ANALYSIS: Total Zinc	Ret. Hydrocarbons	TCL PCBs	Acid Extr.	Methanol Extr.	VOA 8260	REMARKS	PARADIGM LAB SAMPLE NUMBER	ANALYTICAL COSTS
1	11/3/98	11:00			Well A	g.w.	8	X	X	X	X	X	X		7013	
2	11/3/98	11:00			Well B	g.w.	8	X	X	X	X	X	X		7014	
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	SAMPLE CONDITION	CHECK #	TOTAL COST	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME	CARRIER COMPANY	AIR BILL NO.	P.I.F	
RELINQUISHED BY:	DATE/TIME	RECEIVED @ LAB BY: June Salora	DATE/TIME 11/3/98 1530	CARRIER PHONE #	DATE RESULTS REPORTED BY:		DATE/TIME

WHITE COPY-SAMPLE YELLOW COPY-FILE PINK COPY-RELINQUISHER

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD015426.D	1	2/15/2008	VD021408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.43	U	1.0	0.43	ug/L
74-87-3	Chloromethane	0.38	U	1.0	0.38	ug/L
75-01-4	Vinyl chloride	0.46	U	1.0	0.46	ug/L
74-83-9	Bromomethane	0.63	U	1.0	0.63	ug/L
75-00-3	Chloroethane	0.49	U	1.0	0.49	ug/L
75-69-4	Trichlorofluoromethane	0.40	U	1.0	0.40	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.35	U	1.0	0.35	ug/L
75-35-4	1,1-Dichloroethene	0.55	U	1.0	0.55	ug/L
67-64-1	Acetone	2.7	U	5.0	2.7	ug/L
75-15-0	Carbon disulfide	0.51	U	1.0	0.51	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	1.0	0.50	ug/L
79-20-9	Methyl Acetate	0.92	U	1.0	0.92	ug/L
75-09-2	Methylene Chloride	0.52	U	1.0	0.52	ug/L
156-60-5	trans-1,2-Dichloroethene	0.57	U	1.0	0.57	ug/L
75-34-3	1,1-Dichloroethane	0.55	U	1.0	0.55	ug/L
110-82-7	Cyclohexane	0.37	U	1.0	0.37	ug/L
78-93-3	2-Butanone	4.6	U	5.0	4.6	ug/L
56-23-5	Carbon Tetrachloride	0.49	U	1.0	0.49	ug/L
156-59-2	cis-1,2-Dichloroethene	0.53	U	1.0	0.53	ug/L
67-66-3	Chloroform	0.46	U	1.0	0.46	ug/L
71-55-6	1,1,1-Trichloroethane	0.46	U	1.0	0.46	ug/L
108-87-2	Methylcyclohexane	0.43	U	1.0	0.43	ug/L
71-43-2	Benzene	0.52	U	1.0	0.52	ug/L
107-06-2	1,2-Dichloroethane	0.38	U	1.0	0.38	ug/L
79-01-6	Trichloroethene	0.56	U	1.0	0.56	ug/L
78-87-5	1,2-Dichloropropane	0.56	U	1.0	0.56	ug/L
75-27-4	Bromodichloromethane	0.59	U	1.0	0.59	ug/L
108-10-1	4-Methyl-2-Pentanone	2.7	U	5.0	2.7	ug/L
108-88-3	Toluene	0.51	U	1.0	0.51	ug/L
10061-02-6	t-1,3-Dichloropropene	0.44	U	1.0	0.44	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.54	U	1.0	0.54	ug/L
79-00-5	1,1,2-Trichloroethane	0.52	U	1.0	0.52	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VD015426.D	1	2/15/2008	VD021408

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	2.9	U	5.0	2.9	ug/L
124-48-1	Dibromochloromethane	0.45	U	1.0	0.45	ug/L
106-93-4	1,2-Dibromoethane	0.56	U	1.0	0.56	ug/L
127-18-4	Tetrachloroethene	0.68	U	1.0	0.68	ug/L
108-90-7	Chlorobenzene	0.50	U	1.0	0.50	ug/L
100-41-4	Ethyl Benzene	0.50	U	1.0	0.50	ug/L
126777-61-2	m/p-Xylenes	0.97	U	2.0	0.97	ug/L
95-47-6	o-Xylene	0.51	U	1.0	0.51	ug/L
100-42-5	Styrene	0.48	U	1.0	0.48	ug/L
75-25-2	Bromoform	0.42	U	1.0	0.42	ug/L
98-82-8	Isopropylbenzene	0.44	U	1.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.49	U	1.0	0.49	ug/L
541-73-1	1,3-Dichlorobenzene	0.45	U	1.0	0.45	ug/L
106-46-7	1,4-Dichlorobenzene	0.43	U	1.0	0.43	ug/L
95-50-1	1,2-Dichlorobenzene	0.48	U	1.0	0.48	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.45	U	1.0	0.45	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.41	U	1.0	0.41	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.85	124 %	55 - 143		SPK: 50
1868-53-7	Dibromofluoromethane	50.89	102 %	77 - 128		SPK: 50
2037-26-5	Toluene-d8	52.04	104 %	70 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	51.56	103 %	71 - 132		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	609231	4.59			
540-36-3	1,4-Difluorobenzene	1441814	5.33			
3114-55-4	Chlorobenzene-d5	1679208	10.28			
3855-82-1	1,4-Dichlorobenzene-d4	802684	12.78			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Vol:	**990.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045927.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	0.270	U	10	0.270	ug/L
62-53-3	Aniline	0.690	U	10	0.690	ug/L
108-95-2	Phenol	0.560	U	10	0.560	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.280	U	10	0.280	ug/L
95-57-8	2-Chlorophenol	0.330	U	10	0.330	ug/L
95-48-7	2-Methylphenol	0.360	U	10	0.360	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.270	U	10	0.270	ug/L
98-86-2	Acetophenone	0.370	U	10	0.370	ug/L
106-44-5	3+4-Methylphenols	0.390	U	10	0.390	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.340	U	10	0.340	ug/L
67-72-1	Hexachloroethane	0.230	U	10	0.230	ug/L
98-95-3	Nitrobenzene	0.330	U	10	0.330	ug/L
78-59-1	Isophorone	0.260	U	10	0.260	ug/L
88-75-5	2-Nitrophenol	0.280	U	10	0.280	ug/L
105-67-9	2,4-Dimethylphenol	0.770	U	10	0.770	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.330	U	10	0.330	ug/L
120-83-2	2,4-Dichlorophenol	0.340	U	10	0.340	ug/L
91-20-3	Naphthalene	0.280	U	10	0.280	ug/L
106-47-8	4-Chloroaniline	0.930	U	10	0.930	ug/L
87-68-3	Hexachlorobutadiene	0.390	U	10	0.390	ug/L
105-60-2	Caprolactam	1.5	U	10	1.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.220	U	10	0.220	ug/L
91-57-6	2-Methylnaphthalene	0.370	U	10	0.370	ug/L
77-47-4	Hexachlorocyclopentadiene	0.570	U	10	0.570	ug/L
88-06-2	2,4,6-Trichlorophenol	0.350	U	10	0.350	ug/L
95-95-4	2,4,5-Trichlorophenol	0.380	U	10	0.380	ug/L
92-52-4	1,1-Biphenyl	0.320	U	10	0.320	ug/L
91-58-7	2-Chloronaphthalene	0.230	U	10	0.230	ug/L
88-74-4	2-Nitroaniline	0.250	U	10	0.250	ug/L
131-11-3	Dimethylphthalate	0.270	U	10	0.270	ug/L
208-96-8	Acenaphthylene	0.350	U	10	0.350	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Vol:	**990.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045927.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
606-20-2	2,6-Dinitrotoluene	0.350	U	10	0.350	ug/L
99-09-2	3-Nitroaniline	0.350	U	10	0.350	ug/L
83-32-9	Acenaphthene	0.320	U	10	0.320	ug/L
51-28-5	2,4-Dinitrophenol	0.650	U	10	0.650	ug/L
100-02-7	4-Nitrophenol	1.7	U	10	1.7	ug/L
132-64-9	Dibenzofuran	0.310	U	10	0.310	ug/L
121-14-2	2,4-Dinitrotoluene	0.340	U	10	0.340	ug/L
84-66-2	Diethylphthalate	0.320	U	10	0.320	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.290	U	10	0.290	ug/L
86-73-7	Fluorene	0.280	U	10	0.280	ug/L
100-01-6	4-Nitroaniline	0.360	U	10	0.360	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.290	U	10	0.290	ug/L
86-30-6	N-Nitrosodiphenylamine	0.350	U	10	0.350	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	10	1.4	ug/L
118-74-1	Hexachlorobenzene	0.270	U	10	0.270	ug/L
1912-24-9	Atrazine	0.370	U	10	0.370	ug/L
87-86-5	Pentachlorophenol	0.530	U	10	0.530	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	0.240	U	10	0.240	ug/L
84-74-2	Di-n-butylphthalate	5.9	U	10	5.9	ug/L
206-44-0	Fluoranthene	0.200	U	10	0.200	ug/L
129-00-0	Pyrene	1.4	U	10	1.4	ug/L
85-68-7	Butylbenzylphthalate	0.420	U	10	0.420	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	10	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.3	U	10	1.3	ug/L
218-01-9	Chrysene	0.260	U	10	0.260	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.3	U	10	1.3	ug/L
117-84-0	Di-n-octyl phthalate	0.260	U	10	0.260	ug/L
205-99-2	Benzo(b)fluoranthene	0.430	U	10	0.430	ug/L
207-08-9	Benzo(k)fluoranthene	0.300	U	10	0.300	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Wol:	**990.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE045927.D	1	2/11/2008	2/14/2008	BE021208

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
50-32-8	Benzo(a)pyrene	0.220	U	10	0.220	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.670	U	10	0.670	ug/L
53-70-3	Dibenz(a,h)anthracene	0.550	U	10	0.550	ug/L
191-24-2	Benzo(g,h,i)perylene	0.390	U	10	0.390	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	79.66	53 %	30 - 78		SPK: 15
13127-88-3	Phenol-d5	60.78	41 %	30 - 77		SPK: 15
4165-60-0	Nitrobenzene-d5	94.97	95 %	30 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	101.45	101 %	35 - 111		SPK: 10
118-79-6	2,4,6-Tribromophenol	132.22	88 %	27 - 118		SPK: 15
1718-51-0	Terphenyl-d14	88.31	88 %	26 - 135		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126497	4.37			
1146-65-2	Naphthalene-d8	483248	5.55			
15067-26-2	Acenaphthene-d10	257628	7.25			
1517-22-2	Phenanthrene-d10	436704	8.72			
1719-03-5	Chrysene-d12	368324	11.33			
1520-96-3	Perylene-d12	342688	13.05			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.01	16	AB	3.01		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
Analytical Method:	**8082**	**% Moisture:**	**100**
Sample Wt/Vol:	**980 mL**	**Extract Vol:**	**10000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P6013499.D	1	2/11/2008	2/20/2008	P6021208

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.148	U	0.51	0.148	ug/L
11104-28-2	AROCLOR 1221	0.173	U	0.51	0.173	ug/L
11141-16-5	AROCLOR 1232	0.111	U	0.51	0.111	ug/L
53469-21-9	AROCLOR 1242	0.085	U	0.51	0.085	ug/L
12672-29-6	AROCLOR 1248	0.043	U	0.51	0.043	ug/L
11097-69-1	AROCLOR 1254	0.038	U	0.51	0.038	ug/L
11096-82-5	AROCLOR 1260	0.1600	U	0.51	0.1600	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.91	95 %	42 - 133		SPK: 20
2051-24-3	Decachlorobiphenyl	20.65	103 %	30 - 141		SPK: 20

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	435			ug/L	17.2	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-36-0	Antimony	3.100	U		ug/L	3.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-38-2	Arsenic	2.900	U		ug/L	2.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-39-3	Barium	3.100	U		ug/L	3.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-41-7	Beryllium	0.100	U		ug/L	0.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U		ug/L	0.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-70-2	Calcium	160000			ug/L	7.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-47-3	Chromium	0.600	U		ug/L	0.600	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-48-4	Cobalt	1.300	U		ug/L	1.300	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-50-8	Copper	0.500	U		ug/L	0.500	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-89-6	Iron	1260			ug/L	47.7	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-92-1	Lead	1.900	U		ug/L	1.900	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-95-4	Magnesium	255000		N	ug/L	9.200	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-96-5	Manganese	640			ug/L	0.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7439-97-6	Mercury	0.11	U		ug/L	0.11	1	2/11/2008	2/11/2008	EPA SW-846 7470
7440-02-0	Nickel	8.590	J		ug/L	1.800	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-09-7	Potassium	10200			ug/L	236	1	2/11/2008	2/12/2008	EPA SW-846 6010
7782-49-2	Selenium	2.100	U		ug/L	2.100	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-22-4	Silver	0.600	U		ug/L	0.600	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-23-5	Sodium	220000			ug/L	204	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-28-0	Thallium	3.500	U		ug/L	3.500	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-62-2	Vanadium	1.000	U		ug/L	1.000	1	2/11/2008	2/12/2008	EPA SW-846 6010
7440-66-6	Zinc	30.0			ug/L	2.900	1	2/11/2008	2/12/2008	EPA SW-846 6010

Comments:

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**2/7/2008**
Project:	**Spaulding ERP**	**Date Received:**	**2/8/2008**
Client Sample ID:	**MW-B**	**SDG No.:**	**Z1464**
Lab Sample ID:	**Z1464-02**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	2.01		0.01	mg/L	1	2/11/2008	SM4500-CN-E,C

Comment

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Z1464
QUOTE NO.
COC Number 069760 159

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: LIRO ENGINEERS INC
ADDRESS: 690 DELAWARE AVE
CITY: BUFFALO STATE: NY ZIP: 14209
ATTENTION: STEVE FRANK
PHONE: 716 882-5476 FAX: 897-9645

CLIENT PROJECT INFORMATION

PROJECT NAME: SPAULDING FIBRE
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 30 DAYS *
EDD: 30 DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 VOCs 2 SVOCs 3 PCBs 4 METALS 5 CN 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1. 1	MW-A	W	X		2-7-08		6	X	X	X	X	X				
2. 2	MW-B	W	X		"		6	X	X	X	X	X				
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

PRESERVATIVES

COMMENTS

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

	DATE/TIME		
1. RELINQUISHED BY SAMPLER: [signature]	2-7-08 1760	1. RECEIVED BY:	Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant Cooler Temp. 3.0°C
2. RELINQUISHED BY:	DATE/TIME:	2. RECEIVED BY:	MeOH extraction requires an additional 4 oz jar for percent solid. Comments: Ice in Cooler?: Y
3. RELINQUISHED BY: RS by Chemtech	DATE/TIME: 2-8-08 9:50	3. RECEIVED FOR LAB BY: Ronald Pedrose	Page 1 of 1 SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT Shipment Complete ☒ YES ☐ NO

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-03 (003 OW-B - Ground Water) **Sampled: 11/23/10 10:30** **Recvd: 11/23/10 12:30**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Acetone	ND		10	3.0	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/02/10 06:02	NMD	10L0117	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-03 (003 OW-B - Ground Water) - cont. **Sampled: 11/23/10 10:30** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Volatile Organic Compounds by EPA 8260B - cont.										
1,2-Dichloroethane-d4	*108 %*		*Surr Limits: (66-137%)*				*12/02/10 06:02*	*NMD*	*10L0117*	*8260B*
4-Bromofluorobenzene	*106 %*		*Surr Limits: (73-120%)*				*12/02/10 06:02*	*NMD*	*10L0117*	*8260B*
Toluene-d8	*117 %*		*Surr Limits: (71-126%)*				*12/02/10 06:02*	*NMD*	*10L0117*	*8260B*
Alcohols by EPA Method 8015 modified										
2-Butanol	ND		1.0	0.17	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
Ethanol	ND		1.0	0.14	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
Isobutanol	ND		1.0	0.37	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
Isopropyl alcohol	ND		1.0	0.12	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
Methanol	ND		1.0	0.41	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
n-Butanol	ND		1.0	0.40	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
Propanol	ND		1.0	0.16	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
t-Butanol	ND		1.0	0.10	mg/L	1.00	12/02/10 08:37	GFD	10L0034	8015
2-Hexanone	*107 %*		*Surr Limits: (70-129%)*				*12/02/10 08:37*	*GFD*	*10L0034*	*8015*
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND		24	0.45	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4,6-Trichlorophenol	ND		9.4	0.58	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4-Dichlorophenol	ND		9.4	0.48	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4-Dimethylphenol	ND		9.4	0.47	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4-Dinitrophenol	ND		47	2.1	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4-Dinitrotoluene	ND		9.4	0.42	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,6-Dinitrotoluene	ND		9.4	0.38	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Chloronaphthalene	ND		9.4	0.43	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Chlorophenol	ND		9.4	0.50	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Methylnaphthalene	ND		9.4	0.57	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Methylphenol	ND		9.4	0.38	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Nitroaniline	ND		47	0.40	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2-Nitrophenol	ND		9.4	0.45	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
3,3'-Dichlorobenzidine	ND		19	0.38	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
3-Nitroaniline	ND		47	0.45	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4,6-Dinitro-2-methylphenol	ND		47	2.1	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Bromophenyl phenyl ether	ND		9.4	0.42	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Chloro-3-methylphenol	ND		9.4	0.42	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Chloroaniline	ND		9.4	0.56	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Chlorophenyl phenyl ether	ND		9.4	0.33	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Methylphenol	ND		4.7	0.34	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Nitroaniline	ND		47	0.24	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
4-Nitrophenol	ND		47	1.4	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Acenaphthene	ND		9.4	0.39	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Acenaphthylene	ND		9.4	0.36	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Anthracene	ND		9.4	0.26	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Atrazine	ND		9.4	0.43	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Benzaldehyde	ND		47	0.25	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Benzo(a)anthracene	ND		9.4	0.34	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Benzo(a)pyrene	ND		9.4	0.44	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Benzo(b)fluoranthene	ND		9.4	0.32	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C

New York State D.E.C. - Buffalo, NY
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Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-03 (003 OW-B - Ground Water) - cont. **Sampled: 11/23/10 10:30** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Semivolatile Organics by GC/MS - cont.										
Benzo(ghi)perylene	ND		9.4	0.33	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Benzo(k)fluoranthene	ND		9.4	0.69	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Biphenyl	ND		9.4	0.62	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Bis(2-chloroethoxy)methane	ND		9.4	0.33	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Bis(2-chloroethyl)ether	ND		9.4	0.38	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,2'-Oxybis(1-Chloropropane)	ND		9.4	0.49	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Bis(2-ethylhexyl) phthalate	ND		9.4	1.7	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Butyl benzyl phthalate	ND		9.4	0.40	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Caprolactam	ND		9.4	2.1	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Carbazole	ND		4.7	0.28	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Chrysene	ND		9.4	0.31	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Dibenzo(a,h)anthracene	ND		9.4	0.40	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Dibenzofuran	ND		9.4	0.48	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Diethyl phthalate	ND		9.4	0.21	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Dimethyl phthalate	ND		9.4	0.34	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Di-n-butyl phthalate	ND		9.4	0.29	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Di-n-octyl phthalate	ND		9.4	0.44	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Fluoranthene	ND		9.4	0.38	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Fluorene	ND		9.4	0.34	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Hexachlorobenzene	ND		9.4	0.48	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Hexachlorobutadiene	ND		9.4	0.64	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Hexachlorocyclopentadiene	ND		9.4	0.56	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Hexachloroethane	ND		9.4	0.56	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Indeno(1,2,3-cd)pyrene	ND		9.4	0.44	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Isophorone	ND		9.4	0.41	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Naphthalene	ND		9.4	0.72	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Nitrobenzene	ND		9.4	0.27	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
N-Nitrosodi-n-propylamine	ND		9.4	0.51	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
N-Nitrosodiphenylamine	ND		9.4	0.48	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Pentachlorophenol	ND		47	2.1	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Phenanthrene	ND		9.4	0.42	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Phenol	**1.8**	J	9.4	0.37	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
Pyrene	ND		9.4	0.32	ug/L	1.00	11/29/10 14:31	MKP	10K2515	8270C
2,4,6-Tribromophenol	*104 %*		*Surr Limits: (52-132%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
2-Fluorobiphenyl	*81 %*		*Surr Limits: (48-120%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
2-Fluorophenol	*42 %*		*Surr Limits: (20-120%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
Nitrobenzene-d5	*79 %*		*Surr Limits: (46-120%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
Phenol-d5	*29 %*		*Surr Limits: (16-120%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
p-Terphenyl-d14	*49 %*		*Surr Limits: (24-136%)*				*11/29/10 14:31*	*MKP*	*10K2515*	*8270C*
Total Metals by SW 846 Series Methods										
Aluminum	**0.370**		0.200	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Arsenic	ND		0.0100	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Barium	**0.0194**		0.0020	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Beryllium	ND		0.0020	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-03 (003 OW-B - Ground Water) - cont. **Sampled: 11/23/10 10:30** **Recvd: 11/23/10 12:30**

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Total Metals by SW 846 Series Methods - cont.										
Cadmium	ND		0.0010	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Calcium	**170**		0.5	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Chromium	**0.0040**		0.0040	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Copper	ND		0.0100	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Iron	**0.504**		0.050	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Lead	ND		0.0050	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Magnesium	**283**		0.200	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Manganese	**0.594**		0.0030	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Nickel	ND		0.0100	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Potassium	**6.94**		0.500	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Silver	ND		0.0030	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Sodium	**82.8**		1.0	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Vanadium	ND		0.0050	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Zinc	ND		0.0100	NR	mg/L	1.00	11/24/10 17:57	MxM	10K2373	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	11/29/10 16:48	JRK	10K2495	7470A
General Chemistry Parameters										
Cyanide	ND		0.0100	0.0050	mg/L	1.00	11/27/10 15:36	JME	10K2502	335.4
Aldehydes by EPA Method 8315A										
Formaldehyde	ND		50.0	NR	ug/L	1.00	11/24/10 18:12	gmh	10K4995	SW846 8315A
Butyraldehyde	*84 %*		*Surr Limits: (54-128%)*				*11/24/10 18:12*	*gmh*	*10K4995*	*SW846 8315A*

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Region 9	Glenn May	11/23/10	179379
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
Michigan Avenue			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**
Spaulding Fibre Site #91505	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis: TAL Metals	TCL	Pesticide/PCB	SVOA	BNA/Acid	VOA	Special Instructions/ Conditions of Receipt
001 MW-8R	11/23/10	0910		X			4		1	3	1		2	X	X	X	X	X	X	
002 OW-A	11/23/10	0955		X			4		1	3	1		2	X	X	X	X	X	X	
003 OW-B	11/23/10	1030		X			4		1	3	1		2	X	X	X	X	X	X	
004 MW-43R	11/23/10	1120		X			4		1	3	1		2	X	X	X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11/23/10	1230	1. Received By	11/23/10	1230
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-B
Date Collected: 08/09/11 06:55
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-1
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/11 11:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/11 11:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/11 11:59	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/11 11:59	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/11 11:59	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/11 11:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/11 11:59	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/11 11:59	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/11 11:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/11 11:59	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/11 11:59	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/11 11:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/11 11:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/11 11:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/11 11:59	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/11 11:59	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/11 11:59	1
Acetone	ND		10	3.0	ug/L			08/12/11 11:59	1
Benzene	ND		1.0	0.41	ug/L			08/12/11 11:59	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/11 11:59	1
Bromoform	ND		1.0	0.26	ug/L			08/12/11 11:59	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/11 11:59	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/11 11:59	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/11 11:59	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/11 11:59	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/11 11:59	1
Chloroform	ND		1.0	0.34	ug/L			08/12/11 11:59	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/11 11:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/11 11:59	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/11 11:59	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/11 11:59	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/11 11:59	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/11 11:59	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/11 11:59	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/11 11:59	1
Methyl acetate	ND		1.0	0.50	ug/L			08/12/11 11:59	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/11 11:59	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/11 11:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/11 11:59	1
Styrene	ND		1.0	0.73	ug/L			08/12/11 11:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/11 11:59	1
Toluene	ND		1.0	0.51	ug/L			08/12/11 11:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/11 11:59	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/11 11:59	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/11 11:59	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/11 11:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/11 11:59	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/11 11:59	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-B
Date Collected: 08/09/11 06:55
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-1
Matrix: Water

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*		*08/12/11 11:59*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*08/12/11 11:59*	*1*
Toluene-d8 (Surr)	*116*		*71 - 126*		*08/12/11 11:59*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		4.7	0.45	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,4,6-Trichlorophenol	ND		4.7	0.58	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,4-Dichlorophenol	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,4-Dimethylphenol	ND		4.7	0.47	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,4-Dinitrophenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,4-Dinitrotoluene	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:19	1
2,6-Dinitrotoluene	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Chloronaphthalene	ND		4.7	0.43	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Chlorophenol	ND		4.7	0.50	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Methylnaphthalene	ND		4.7	0.57	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Methylphenol	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Nitroaniline	ND		9.4	0.40	ug/L		08/10/11 16:08	08/11/11 19:19	1
2-Nitrophenol	ND		4.7	0.45	ug/L		08/10/11 16:08	08/11/11 19:19	1
3,3'-Dichlorobenzidine	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:19	1
3-Nitroaniline	ND		9.4	0.45	ug/L		08/10/11 16:08	08/11/11 19:19	1
4,6-Dinitro-2-methylphenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Bromophenyl phenyl ether	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Chloro-3-methylphenol	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Chloroaniline	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Chlorophenyl phenyl ether	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Methylphenol	ND		9.4	0.34	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Nitroaniline	**2.9**	**J**	9.4	0.24	ug/L		08/10/11 16:08	08/11/11 19:19	1
4-Nitrophenol	ND		9.4	1.4	ug/L		08/10/11 16:08	08/11/11 19:19	1
Acenaphthene	ND		4.7	0.39	ug/L		08/10/11 16:08	08/11/11 19:19	1
Acenaphthylene	ND		4.7	0.36	ug/L		08/10/11 16:08	08/11/11 19:19	1
Acetophenone	ND		4.7	0.51	ug/L		08/10/11 16:08	08/11/11 19:19	1
Anthracene	ND		4.7	0.26	ug/L		08/10/11 16:08	08/11/11 19:19	1
Atrazine	ND		4.7	0.43	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzaldehyde	ND		4.7	0.25	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzo(a)anthracene	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzo(a)pyrene	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzo(b)fluoranthene	ND		4.7	0.32	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzo(g,h,i)perylene	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:19	1
Benzo(k)fluoranthene	ND		4.7	0.69	ug/L		08/10/11 16:08	08/11/11 19:19	1
Biphenyl	ND		4.7	0.62	ug/L		08/10/11 16:08	08/11/11 19:19	1
bis (2-chloroisopropyl) ether	ND		4.7	0.49	ug/L		08/10/11 16:08	08/11/11 19:19	1
Bis(2-chloroethoxy)methane	ND		4.7	0.33	ug/L		08/10/11 16:08	08/11/11 19:19	1
Bis(2-chloroethyl)ether	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:19	1
Bis(2-ethylhexyl) phthalate	ND		4.7	1.7	ug/L		08/10/11 16:08	08/11/11 19:19	1
Butyl benzyl phthalate	ND		4.7	0.40	ug/L		08/10/11 16:08	08/11/11 19:19	1
Caprolactam	ND		4.7	2.1	ug/L		08/10/11 16:08	08/11/11 19:19	1
Carbazole	ND		4.7	0.28	ug/L		08/10/11 16:08	08/11/11 19:19	1
Chrysene	ND		4.7	0.31	ug/L		08/10/11 16:08	08/11/11 19:19	1
Dibenz(a,h)anthracene	ND		4.7	0.40	ug/L		08/10/11 16:08	08/11/11 19:19	1
Dibenzofuran	ND		9.4	0.48	ug/L		08/10/11 16:08	08/11/11 19:19	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-B
Date Collected: 08/09/11 06:55
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-1
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	ND		4.7	0.21	ug/L		08/10/11 16:08	08/11/11 19:19	1
Dimethyl phthalate	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:19	1
Di-n-butyl phthalate	**0.37**	**J B**	4.7	0.29	ug/L		08/10/11 16:08	08/11/11 19:19	1
Di-n-octyl phthalate	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:19	1
Fluoranthene	ND		4.7	0.38	ug/L		08/10/11 16:08	08/11/11 19:19	1
Fluorene	ND		4.7	0.34	ug/L		08/10/11 16:08	08/11/11 19:19	1
Hexachlorobenzene	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:19	1
Hexachlorobutadiene	ND		4.7	0.64	ug/L		08/10/11 16:08	08/11/11 19:19	1
Hexachlorocyclopentadiene	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:19	1
Hexachloroethane	ND		4.7	0.56	ug/L		08/10/11 16:08	08/11/11 19:19	1
Indeno(1,2,3-cd)pyrene	ND		4.7	0.44	ug/L		08/10/11 16:08	08/11/11 19:19	1
Isophorone	ND		4.7	0.41	ug/L		08/10/11 16:08	08/11/11 19:19	1
Naphthalene	**1.1**	**J**	4.7	0.72	ug/L		08/10/11 16:08	08/11/11 19:19	1
Nitrobenzene	ND		4.7	0.27	ug/L		08/10/11 16:08	08/11/11 19:19	1
N-Nitrosodi-n-propylamine	ND		4.7	0.51	ug/L		08/10/11 16:08	08/11/11 19:19	1
N-Nitrosodiphenylamine	ND		4.7	0.48	ug/L		08/10/11 16:08	08/11/11 19:19	1
Pentachlorophenol	ND		9.4	2.1	ug/L		08/10/11 16:08	08/11/11 19:19	1
Phenanthrene	ND		4.7	0.42	ug/L		08/10/11 16:08	08/11/11 19:19	1
Phenol	ND		4.7	0.37	ug/L		08/10/11 16:08	08/11/11 19:19	1
Pyrene	ND		4.7	0.32	ug/L		08/10/11 16:08	08/11/11 19:19	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*115*		*52 - 132*	*08/10/11 16:08*	*08/11/11 19:19*	*1*
2-Fluorobiphenyl	*91*		*48 - 120*	*08/10/11 16:08*	*08/11/11 19:19*	*1*
2-Fluorophenol	*39*		*20 - 120*	*08/10/11 16:08*	*08/11/11 19:19*	*1*
Nitrobenzene-d5	*76*		*46 - 120*	*08/10/11 16:08*	*08/11/11 19:19*	*1*
Phenol-d5	*27*		*16 - 120*	*08/10/11 16:08*	*08/11/11 19:19*	*1*
p-Terphenyl-d14	*77*		*24 - 136*	*08/10/11 16:08*	*08/11/11 19:19*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		1.0	0.14	mg/L			08/12/11 20:22	1
Isobutyl alcohol	ND		1.0	0.37	mg/L			08/12/11 20:22	1
Methanol	ND		1.0	0.41	mg/L			08/12/11 20:22	1
n-Butanol	ND		1.0	0.40	mg/L			08/12/11 20:22	1
Propanol	ND		1.0	0.16	mg/L			08/12/11 20:22	1
2-Butanol	ND		1.0	0.17	mg/L			08/12/11 20:22	1
Isopropyl alcohol	ND		1.0	0.12	mg/L			08/12/11 20:22	1
t-Butyl alcohol	ND		1.0	0.10	mg/L			08/12/11 20:22	1

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Hexanone	*88*		*70 - 129*		*08/12/11 20:22*	*1*

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	**5.2**	**J**	50	5.0	ug/L		08/11/11 09:38	08/12/11 11:09	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.30**	**B**	0.20	0.060	mg/L		08/11/11 08:50	08/11/11 15:27	1
Antimony	ND		0.020	0.0068	mg/L		08/11/11 08:50	08/11/11 15:27	1

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: OW-B
Date Collected: 08/09/11 06:55
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-1
Matrix: Water

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.010	0.0056	mg/L		08/11/11 08:50	08/11/11 15:27	1
Barium	**0.019**		0.0020	0.00050	mg/L		08/11/11 08:50	08/11/11 15:27	1
Beryllium	ND		0.0020	0.00030	mg/L		08/11/11 08:50	08/11/11 15:27	1
Cadmium	**0.00046**	**J**	0.0010	0.00033	mg/L		08/11/11 08:50	08/11/11 15:27	1
Calcium	**175**	**B**	0.50	0.10	mg/L		08/11/11 08:50	08/11/11 15:27	1
Chromium	**0.0026**	**J**	0.0040	0.00087	mg/L		08/11/11 08:50	08/11/11 15:27	1
Cobalt	**0.00068**	**J**	0.0040	0.00063	mg/L		08/11/11 08:50	08/11/11 15:27	1
Copper	**0.0031**	**J**	0.010	0.0015	mg/L		08/11/11 08:50	08/11/11 15:27	1
Iron	**0.62**	**B**	0.050	0.019	mg/L		08/11/11 08:50	08/11/11 15:27	1
Lead	**0.0031**	**J**	0.0050	0.0030	mg/L		08/11/11 08:50	08/11/11 15:27	1
Magnesium	**279**		0.20	0.043	mg/L		08/11/11 08:50	08/11/11 15:27	1
Manganese	**0.31**	**B**	0.0030	0.00030	mg/L		08/11/11 08:50	08/11/11 15:27	1
Nickel	**0.0064**	**J**	0.010	0.0013	mg/L		08/11/11 08:50	08/11/11 15:27	1
Potassium	**6.5**		0.50	0.20	mg/L		08/11/11 08:50	08/11/11 15:27	1
Selenium	ND		0.015	0.0087	mg/L		08/11/11 08:50	08/11/11 15:27	1
Silver	ND		0.0030	0.0017	mg/L		08/11/11 08:50	08/11/11 15:27	1
Sodium	**69.2**		1.0	0.32	mg/L		08/11/11 08:50	08/11/11 15:27	1
Thallium	ND		0.020	0.010	mg/L		08/11/11 08:50	08/11/11 15:27	1
Vanadium	**0.0025**	**J**	0.0050	0.0011	mg/L		08/11/11 08:50	08/11/11 15:27	1
Zinc	**0.029**		0.010	0.0017	mg/L		08/11/11 08:50	08/11/11 15:27	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/10/11 10:10	08/10/11 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	ND		0.010	0.0050	mg/L		08/13/11 09:34	08/16/11 17:28	1

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 9	Glenn May	8-9-11	199004
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
Michigan Ave.			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**
Spaulding Fibre Site# 915050		
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Ac/NaOH	40ml VOA Unpres.	TAL Metals	CN	Formaldehyde	SVOA	8015B DAI	8260B TCL	Special Instructions/ Conditions of Receipt
OW-B	8-9-11	0655		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	12 Total
OW-A	8-9-11	0730		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
MW-43R	8-9-11	0820		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
OW-8R	8-9-11	0910		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
END																				48 Total

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: R. Fischer			1. Received By: [signature] - TA	8/9/11	10:05
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2 coolers @ 15.1°C onice

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-B
Lab Order:	U1201135	**Collection Date:**	1/5/2012 3:30:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-005	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NONHALOGENATED VOLATILES BY EPA 8015B			**8015_W**			Analyst: **Sub**
Ethanol (#)	ND	1.0		mg/L	1	1/12/2012
Methanol (#)	ND	1.0		mg/L	1	1/12/2012
NOTES:						
Subcontracted to NYSDOH ELAP Lab ID#10145						
The test parameter Ethanol requires NYSDOH ELAP accreditation.						
ICP METALS, TOTAL BY NYSDEC ASP 2005			**200.7WTASP**	**(E200.7)**		Analyst: **ALW**
Aluminum	1280	100		µg/L	1	1/16/2012 4:42:42 PM
Barium	ND	50.0		µg/L	1	1/16/2012 4:42:42 PM
Beryllium	ND	3.00		µg/L	1	1/16/2012 4:42:42 PM
Cadmium	ND	5.00		µg/L	1	1/16/2012 4:42:42 PM
Calcium	155000	5000		µg/L	1	1/16/2012 4:42:42 PM
Chromium	ND	10.0		µg/L	1	1/16/2012 4:42:42 PM
Cobalt	ND	20.0		µg/L	1	1/16/2012 4:42:42 PM
Copper	ND	10.0		µg/L	1	1/16/2012 4:42:42 PM
Iron	2430	60.0		µg/L	1	1/16/2012 4:42:42 PM
Magnesium	198000	5000		µg/L	1	1/16/2012 4:42:42 PM
Manganese	274	10.0		µg/L	1	1/16/2012 4:42:42 PM
Nickel	ND	30.0		µg/L	1	1/16/2012 4:42:42 PM
Potassium	10300	5000		µg/L	1	1/16/2012 4:42:42 PM
Silver	ND	10.0		µg/L	1	1/16/2012 4:42:42 PM
Sodium	147000	5000		µg/L	1	1/16/2012 4:42:42 PM
Vanadium	ND	30.0		µg/L	1	1/16/2012 4:42:42 PM
Zinc	28.6	10.0		µg/L	1	1/16/2012 4:42:42 PM
ASP TOTAL METALS BY ICP-MS			**200.8ASP**	**(E200.8)**		Analyst: **DEB**
Antimony	ND	25.0		µg/L	5	1/17/2012 11:15:00 AM
Arsenic	ND	25.0		µg/L	5	1/17/2012 11:15:00 AM
Lead	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
Selenium	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
Thallium	ND	15.0		µg/L	5	1/17/2012 11:15:00 AM
NOTES:						
The reporting limits were raised due to matrix interference.						
TOTAL MERCURY WATERS ASP			**245.2WTASP**	**(E245.2)**		Analyst: **ALW**
Mercury	ND	0.200		µg/L	1	1/17/2012 2:30:00 PM
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005			**8270ASP05_W**	**(SW3520)**		Analyst: **LD**
(3+4)-Methylphenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
1,2,4,5-Tetrachlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-B
Lab Order:	U1201135	**Collection Date:**	1/5/2012 3:30:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-005	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/11/2012 2:03:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2,4-Dimethylphenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2,4-Dinitrophenol	ND	10		µg/L	1	1/11/2012 2:03:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2-Methylphenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
2-Nitroaniline	ND	10		µg/L	1	1/11/2012 2:03:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
3,3´-Dichlorobenzidine	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
3-Nitroaniline	ND	10		µg/L	1	1/11/2012 2:03:00 PM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/11/2012 2:03:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
4-Chloroaniline	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
4-Nitroaniline	ND	10		µg/L	1	1/11/2012 2:03:00 PM
4-Nitrophenol	ND	10		µg/L	1	1/11/2012 2:03:00 PM
Acenaphthene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Acenaphthylene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Acetophenone	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Anthracene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Atrazine	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benzaldehyde	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Biphenyl	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-B
Lab Order:	U1201135	**Collection Date:**	1/5/2012 3:30:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-005	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Bis(2-ethylhexyl)phthalate	1.3	5.0	J	µg/L	1	1/11/2012 2:03:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Caprolactam	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Carbazole	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Chrysene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Di-n-butyl phthalate	1.4	5.0	J	µg/L	1	1/11/2012 2:03:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Dibenzofuran	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Fluoranthene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Fluorene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Hexachlorocyclopentadiene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Hexachloroethane	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Isophorone	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Naphthalene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Nitrobenzene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Pentachlorophenol	ND	10		µg/L	1	1/11/2012 2:03:00 PM
Phenanthrene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Phenol	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
Pyrene	ND	5.0		µg/L	1	1/11/2012 2:03:00 PM
TIC: 9-Octadecenamide, (Z)-	9.3	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (11.07)	31	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (4.59)	20	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (4.75)	120	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (4.9)	32	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (5.94)	5.0	0		µg/L	1	1/11/2012 2:03:00 PM
TIC: unknown (8.61)	2.0	0		µg/L	1	1/11/2012 2:03:00 PM
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,1,1-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-B
Lab Order:	U1201135	**Collection Date:**	1/5/2012 3:30:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-005	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,1,2-Trichloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
1,4-Dioxane	ND	100		µg/L	1	1/9/2012 4:36:00 PM
2-Butanone	ND	10		µg/L	1	1/9/2012 4:36:00 PM
2-Hexanone	ND	10		µg/L	1	1/9/2012 4:36:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/9/2012 4:36:00 PM
Acetone	ND	10		µg/L	1	1/9/2012 4:36:00 PM
Benzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Bromochloromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Bromoform	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Bromomethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Carbon disulfide	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Chlorobenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Chloroethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Chloroform	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Chloromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Cyclohexane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Dichlorodifluoromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Ethylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Freon-113	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
m,p-Xylene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	OW-B
Lab Order:	U1201135	**Collection Date:**	1/5/2012 3:30:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-005	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260			**8260ASP05_W**			Analyst: **EMZ**
Methyl Acetate	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Methylcyclohexane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Methylene chloride	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
n-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
n-Propylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
o-Xylene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
sec-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Styrene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
tert-Butylbenzene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Toluene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Trichloroethene	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
Vinyl chloride	ND	5.0		µg/L	1	1/9/2012 4:36:00 PM
NOTES: TICS: No compounds were detected.						
CYANIDE, TOTAL WATERS BY NYSDEC ASP 2005			**CN_W_ASP**	**(E335.4)**		Analyst: **CAC**
Cyanide	ND	10.0		µg/L	1	1/18/2012
FORMALDEHYDE DEC 89-9			**FORMALD_W**			Analyst: **Sub**
Formaldehyde	ND	0.0080		mg/L	1	1/6/2012
NOTES: Subcontracted to NYSDOH ELAP Lab ID#10145						

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

8 DAY TAT

Client: SJB - HAMBURG
Empire Geo Services

Client Project # / Project Name
REV-09-006 / Spaulding

Client Contact: Dave Steiner

Phone # 649 8110

Site Location (city/state): Tonawanda, NY

Special Turnaround Time _____ (Lab Notification required) ASP-B

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only U1201135	No. of Containers	1) TCL VOCs 2005	2) TCL BNAs 2005	3) Formaldehyde	4) Ethanol Methanol	5) Metals	6) T. Cyanide	7)	8)	9)	10)	Remarks
OW-A	1/5/12	0900	GW	G	1	8	XX	X	X	XX	X	X					
OW-8R		1130	GW		2	8	XX	X	X	XX	X	X					
MW-43R		1215	GW		3	8	XX	X	X	XX	X	X					
Retention Pond		1400	SW		4	2	–	X	X	–	–	–					
OW-B		1530	GW		5	8	XX	X	X	XX	X	X					

parameter and method	sample bottle: type	size	pres.
1) SJB 1-5-12 VOCs 8260B	Glass	40ml	HCl
2) BNAs 8270C	Amber	950ml	Cool
3) Formaldehyde 8315A	Amber	950ml	Cool
4) Ethanol, Methanol 8015B 4	Glass	40ml	Cool
5) Metals 6010B/7470A TAL	Poly	500ml	HNO3
6) T. Cyanide	Poly	500ml	
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) S. Bochenek

Company: Empire Geo Services

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	1/5/12	1640	[signature]
[signature]	1/5/12	1730	
	1/6/12	0818	[signature]

Syracuse Rochester ~~Buffalo~~ Albany Binghamton Fair Lawn (NJ)

GROUNDWATER RESULTS FOR MONITORING WELLS MW-43 & MW-43R

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF009214.D	5	12/18/2007	VF121707

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.4	U	25	4.4	ug/L
74-87-3	Chloromethane	1.8	U	25	1.8	ug/L
75-01-4	Vinyl chloride	1.5	U	25	1.5	ug/L
74-83-9	Bromomethane	6.8	U	25	6.8	ug/L
75-00-3	Chloroethane	4.0	U	25	4.0	ug/L
75-69-4	Trichlorofluoromethane	2.6	U	25	2.6	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	3.0	U	25	3.0	ug/L
75-35-4	1,1-Dichloroethene	3.4	U	25	3.4	ug/L
67-64-1	Acetone	85	J	120	11	ug/L
75-15-0	Carbon disulfide	1.0	U	25	1.0	ug/L
1634-04-4	Methyl tert-butyl Ether	1.2	U	25	1.2	ug/L
79-20-9	Methyl Acetate	2.2	U	25	2.2	ug/L
75-09-2	Methylene Chloride	1.9	U	25	1.9	ug/L
156-60-5	trans-1,2-Dichloroethene	2.2	U	25	2.2	ug/L
75-34-3	1,1-Dichloroethane	3.4	U	25	3.4	ug/L
110-82-7	Cyclohexane	2.8	U	25	2.8	ug/L
78-93-3	2-Butanone	60	J	120	9.7	ug/L
56-23-5	Carbon Tetrachloride	1.4	U	25	1.4	ug/L
156-59-2	cis-1,2-Dichloroethene	3.6	U	25	3.6	ug/L
67-66-3	Chloroform	2.2	U	25	2.2	ug/L
71-55-6	1,1,1-Trichloroethane	2.0	U	25	2.0	ug/L
108-87-2	Methylcyclohexane	2.4	U	25	2.4	ug/L
71-43-2	Benzene	1.8	U	25	1.8	ug/L
107-06-2	1,2-Dichloroethane	2.0	U	25	2.0	ug/L
79-01-6	Trichloroethene	1.7	U	25	1.7	ug/L
78-87-5	1,2-Dichloropropane	2.3	U	25	2.3	ug/L
75-27-4	Bromodichloromethane	1.2	U	25	1.2	ug/L
108-10-1	4-Methyl-2-Pentanone	8.8	U	120	8.8	ug/L
108-88-3	Toluene	0.80	U	25	0.80	ug/L
10061-02-6	t-1,3-Dichloropropene	1.6	U	25	1.6	ug/L
10061-01-5	cis-1,3-Dichloropropene	1.4	U	25	1.4	ug/L
79-00-5	1,1,2-Trichloroethane	1.6	U	25	1.6	ug/L

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8260**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VF009214.D	5	12/18/2007	VF121707

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	58	J	120	8.8	ug/L
124-48-1	Dibromochloromethane	1.2	U	25	1.2	ug/L
106-93-4	1,2-Dibromoethane	1.3	U	25	1.3	ug/L
127-18-4	Tetrachloroethene	4.8	U	25	4.8	ug/L
108-90-7	Chlorobenzene	1.4	U	25	1.4	ug/L
100-41-4	Ethyl Benzene	0.25	U	25	0.25	ug/L
126777-61-2	m/p-Xylenes	2.4	U	50	2.4	ug/L
95-47-6	o-Xylene	0.80	U	25	0.80	ug/L
100-42-5	Styrene	0.95	U	25	0.95	ug/L
75-25-2	Bromoform	2.2	U	25	2.2	ug/L
98-82-8	Isopropylbenzene	1.8	U	25	1.8	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	25	1.8	ug/L
541-73-1	1,3-Dichlorobenzene	1.4	U	25	1.4	ug/L
106-46-7	1,4-Dichlorobenzene	1.1	U	25	1.1	ug/L
95-50-1	1,2-Dichlorobenzene	2.0	U	25	2.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.9	U	25	2.9	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.0	U	25	2.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.63	95 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	48.35	97 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	49.19	98 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	50.29	101 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	2608197	6.09			
540-36-3	1,4-Difluorobenzene	5143065	7.15			
3114-55-4	Chlorobenzene-d5	4189567	12.44			
3855-82-1	1,4-Dichlorobenzene-d4	1648054	17.57			
TENTITIVE IDENTIFIED COMPOUNDS						
	unknown19.96	66	J	19.96		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Wol:	**870.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF017062.D	1	12/18/2007	12/22/2007	BF112907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	0.310	U	11	0.310	ug/L
62-53-3	Aniline	0.780	U	11	0.780	ug/L
108-95-2	Phenol	0.630	U	11	0.630	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.320	U	11	0.320	ug/L
95-57-8	2-Chlorophenol	0.380	U	11	0.380	ug/L
95-48-7	2-Methylphenol	0.410	U	11	0.410	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	0.310	U	11	0.310	ug/L
98-86-2	Acetophenone	0.430	U	11	0.430	ug/L
106-44-5	3+4-Methylphenols	0.450	U	11	0.450	ug/L
621-64-7	N-Nitroso-di-n-propylamine	0.390	U	11	0.390	ug/L
67-72-1	Hexachloroethane	0.260	U	11	0.260	ug/L
98-95-3	Nitrobenzene	0.380	U	11	0.380	ug/L
78-59-1	Isophorone	0.300	U	11	0.300	ug/L
88-75-5	2-Nitrophenol	0.320	U	11	0.320	ug/L
105-67-9	2,4-Dimethylphenol	0.870	U	11	0.870	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.380	U	11	0.380	ug/L
120-83-2	2,4-Dichlorophenol	0.390	U	11	0.390	ug/L
91-20-3	Naphthalene	0.320	U	11	0.320	ug/L
106-47-8	4-Chloroaniline	1.1	U	11	1.1	ug/L
87-68-3	Hexachlorobutadiene	0.450	U	11	0.450	ug/L
105-60-2	Caprolactam	25		11	1.7	ug/L
59-50-7	4-Chloro-3-methylphenol	0.250	U	11	0.250	ug/L
91-57-6	2-Methylnaphthalene	0.430	U	11	0.430	ug/L
77-47-4	Hexachlorocyclopentadiene	0.640	U	11	0.640	ug/L
88-06-2	2,4,6-Trichlorophenol	0.400	U	11	0.400	ug/L
95-95-4	2,4,5-Trichlorophenol	0.440	U	11	0.440	ug/L
92-52-4	1,1-Biphenyl	0.370	U	11	0.370	ug/L
91-58-7	2-Chloronaphthalene	0.260	U	11	0.260	ug/L
88-74-4	2-Nitroaniline	0.290	U	11	0.290	ug/L
131-11-3	Dimethylphthalate	0.310	U	11	0.310	ug/L
208-96-8	Acenaphthylene	0.400	U	11	0.400	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Wol:	**870.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF017062.D	1	12/18/2007	12/22/2007	BF112907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
606-20-2	2,6-Dinitrotoluene	0.400	U	11	0.400	ug/L
99-09-2	3-Nitroaniline	0.400	U	11	0.400	ug/L
83-32-9	Acenaphthene	0.370	U	11	0.370	ug/L
51-28-5	2,4-Dinitrophenol	0.740	U	11	0.740	ug/L
100-02-7	4-Nitrophenol	2.0	U	11	2.0	ug/L
132-64-9	Dibenzofuran	0.360	U	11	0.360	ug/L
121-14-2	2,4-Dinitrotoluene	0.390	U	11	0.390	ug/L
84-66-2	Diethylphthalate	0.370	U	11	0.370	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.330	U	11	0.330	ug/L
86-73-7	Fluorene	0.320	U	11	0.320	ug/L
100-01-6	4-Nitroaniline	0.410	U	11	0.410	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.330	U	11	0.330	ug/L
86-30-6	N-Nitrosodiphenylamine	0.400	U	11	0.400	ug/L
101-55-3	4-Bromophenyl-phenylether	1.6	U	11	1.6	ug/L
118-74-1	Hexachlorobenzene	0.310	U	11	0.310	ug/L
1912-24-9	Atrazine	0.430	U	11	0.430	ug/L
87-86-5	Pentachlorophenol	0.600	U	11	0.600	ug/L
85-01-8	Phenanthrene	1.6	U	11	1.6	ug/L
120-12-7	Anthracene	1.6	U	11	1.6	ug/L
86-74-8	Carbazole	0.280	U	11	0.280	ug/L
84-74-2	Di-n-butylphthalate	6.7	U	11	6.7	ug/L
206-44-0	Fluoranthene	0.230	U	11	0.230	ug/L
129-00-0	Pyrene	1.6	U	11	1.6	ug/L
85-68-7	Butylbenzylphthalate	0.480	U	11	0.480	ug/L
91-94-1	3,3-Dichlorobenzidine	1.2	U	11	1.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	11	1.5	ug/L
218-01-9	Chrysene	0.300	U	11	0.300	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	11	1.5	ug/L
117-84-0	Di-n-octyl phthalate	0.300	U	11	0.300	ug/L
205-99-2	Benzo(b)fluoranthene	0.490	U	11	0.490	ug/L
207-08-9	Benzo(k)fluoranthene	0.340	U	11	0.340	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8270**	**% Moisture:**	**100**
Sample Wt/Wol:	**870.0 mL**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF017062.D	1	12/18/2007	12/22/2007	BF112907

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
50-32-8	Benzo(a)pyrene	0.250	U	11	0.250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.760	U	11	0.760	ug/L
53-70-3	Dibenz(a,h)anthracene	0.620	U	11	0.620	ug/L
191-24-2	Benzo(g,h,i)perylene	0.450	U	11	0.450	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	83.13	55 %	21 - 100		SPK: 15
13127-88-3	Phenol-d5	62.26	42 %	10 - 94		SPK: 15
4165-60-0	Nitrobenzene-d5	87.3	87 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	97.77	98 %	43 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	133.82	89 %	10 - 123		SPK: 15
1718-51-0	Terphenyl-d14	107.68	108 %	33 - 141		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	49507	4.10			
1146-65-2	Naphthalene-d8	196845	5.87			
15067-26-2	Acenaphthene-d10	99986	8.55			
1517-22-2	Phenanthrene-d10	146148	10.87			
1719-03-5	Chrysene-d12	119027	15.04			
1520-96-3	Perylene-d12	109520	17.12			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.23	22	AB	2.23		ug/L
88-19-7	Benzenesulfonamide, 2-methyl-	4.4	J	9.72		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
Analytical Method:	**8082**	**% Moisture:**	**100**
Sample Wt/Vol:	**820 mL**	**Extract Vol:**	**10000 uL**

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5017297.D	1	12/18/2007	12/20/2007	P5121907

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	0.177	U	0.61	0.177	ug/L
11104-28-2	AROCLOR 1221	0.207	U	0.61	0.207	ug/L
11141-16-5	AROCLOR 1232	0.133	U	0.61	0.133	ug/L
53469-21-9	AROCLOR 1242	0.101	U	0.61	0.101	ug/L
12672-29-6	AROCLOR 1248	0.051	U	0.61	0.051	ug/L
11097-69-1	AROCLOR 1254	0.045	U	0.61	0.045	ug/L
11096-82-5	AROCLOR 1260	0.1900	U	0.61	0.1900	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.47	92 %	40 - 135		SPK: 20
2051-24-3	Decachlorobiphenyl	13.49	67 %	42 - 133		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

TABULATED ANALYTICAL REPORT
GC Direct Injection(8015M)

CLIENT:	LIRO GROUP LTD.
CLIENT PROJECT :	Spaulding ERP
REPORT DATE	12/26/07
PROJECT RECEIVED DATE :	12/15/07
ANALYSIS DATE	12/26/07
LAB PROJECT:	Y5790

CLIENT ID	FILE ID	Matrix	LAB ID	Compound	Result	Q	Unit	RDL
MW-43	P9008257.D	Water	Y5790-04	Methanol	100.0	U	mg/L	100.0
				Ethanol	100.0	U	mg/L	100.0
OW-10	P9008258.D	Water	Y5790-05	Methanol	100.0	U	mg/L	100.0
				Ethanol	100.0	U	mg/L	100.0

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	22300		ug/L	17.2	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-36-0	Antimony	41.5		ug/L	3.100	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-38-2	Arsenic	10.0		ug/L	2.900	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-39-3	Barium	204		ug/L	3.100	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-41-7	Beryllium	1.350	J	ug/L	0.100	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-43-9	Cadmium	0.900	U	ug/L	0.900	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-70-2	Calcium	163000		ug/L	7.800	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-47-3	Chromium	30.0		ug/L	0.600	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-48-4	Cobalt	18.9		ug/L	1.300	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-50-8	Copper	55.2		ug/L	0.500	1	12/19/2007	12/20/2007	EPA SW-846 6010
7439-89-6	Iron	28100		ug/L	47.7	1	12/19/2007	12/20/2007	EPA SW-846 6010
7439-92-1	Lead	26.0		ug/L	1.900	1	12/19/2007	12/20/2007	EPA SW-846 6010
7439-95-4	Magnesium	153000		ug/L	9.200	1	12/19/2007	12/20/2007	EPA SW-846 6010
7439-96-5	Manganese	1280		ug/L	0.800	1	12/19/2007	12/20/2007	EPA SW-846 6010
7439-97-6	Mercury	0.11	U	ug/L	0.11	1	12/18/2007	12/18/2007	EPA SW-846 7470
7440-02-0	Nickel	42.0		ug/L	1.800	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-09-7	Potassium	20200		ug/L	236	1	12/19/2007	12/20/2007	EPA SW-846 6010
7782-49-2	Selenium	2.100	U	ug/L	2.100	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-22-4	Silver	0.600	U	ug/L	0.600	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-23-5	Sodium	315000		ug/L	204	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-28-0	Thallium	3.500	U	ug/L	3.500	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-62-2	Vanadium	39.1		ug/L	1.000	1	12/19/2007	12/20/2007	EPA SW-846 6010
7440-66-6	Zinc	235		ug/L	2.900	1	12/19/2007	12/20/2007	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**LIRO GROUP LTD.**	**Date Collected:**	**12/14/2007**
Project:	**Spaulding ERP**	**Date Received:**	**12/15/2007**
Client Sample ID:	**MW-43**	**SDG No.:**	**Y5790**
Lab Sample ID:	**Y5790-04**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
Cyanide	0.010	U	0.010	mg/L	1	12/20/200	9012 Cyanide
Formaldehyde	61.00		0.032	mg/L	1	12/26/200	HACH 8110 Formaldehyde

Comment

Glenn May - RE: Spaulding Well MW-43

From: "Frank, Stephen" <Franks@liro.com>
To: "Glenn May" <gmmay@gw.dec.state.ny.us>
Date: 12/20/2010 10:32 AM
Subject: RE: Spaulding Well MW-43

Chemtech used the wrong units on their reporting sheet….our result was 61 ug/L.

From: Glenn May [mailto:gmmay@gw.dec.state.ny.us]
Sent: Monday, December 20, 2010 10:04 AM
To: Frank, Stephen
Subject: Spaulding Well MW-43

Steve,

In Table 5-9 of the SI Report the formaldehyde concentration in well MW-43 is listed as 61J ug/l, which is similar to the concentration of 63.9 ug/l that I got from the replacement well. The analytical results from Chemtech list the concentration as 61 mg/l, or 61,000 ug/l. Was the Chemtech result reported incorrectly, which it appears to be? Please let me know. Thanks.

Glenn

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. YJ790
QUOTE NO
COC Number 069040

CLIENT INFORMATION
REPORT TO BE SENT TO:
COMPANY: LIRO ENGINEERS
ADDRESS: 690 DELAWARE AVE
CITY: BUFFALO STATE: NY ZIP: 14209
ATTENTION: STEVE FRANZ
PHONE: 716 882-5476 FAX: 716-882-

CLIENT PROJECT INFORMATION
PROJECT NAME: SPAULDING FIBER
PROJECT NO. LOCATION
PROJECT MANAGER
e-mail:
PHONE FAX

CLIENT BILLING INFORMATION
BILL TO: SAME PO#
ADDRESS:
CITY STATE ZIP
ATTENTION PHONE

DATA TURNAROUND INFORMATION
FAX. 10 DAYS *
HARD COPY. 10 DAYS *
EDD. DAYS *
PREAPPROVED TAT: ☒ YES ☐ NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION
☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS
1 VOC 2 SVOCS 3 MeOH+Cl 4 PCBs 5 Pesticides 6 TAL Metals 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW-16	W	X		12/13/07			X	X	X	X						
2.	MW-59	W	|		12/14/07			X	X	X	X						
3.	MW-59-1	W	|		12/14/07			X	X	X	X						
4.	MW-43	W	|		12/14/07			X	X	X	X	X	X				
5.	OW-10	W	↓		12/14/07			X	X	X	X	X	X				
6.																	
7.																	
8.																	
9																	
10																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12/14/07 18:00	1.
RELINQUISHED BY	DATE/TIME:	RECEIVED BY
		2.
RELINQUISHED BY: UPS	DATE/TIME: 12/15/07	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
Comments: MeOH extraction requires an additional 4 oz jar for percent solid
Cooler Temp. 4°C
Ice in Cooler?: Yes

Page of

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☒ YES ☐ NO

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Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Sample ID: RTK1564-04 (004 MW-43R - Ground Water) **Sampled: 11/23/10 11:20** **Recvd: 11/23/10 12:30**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND	D08	20	16	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,1,2,2-Tetrachloroethane	ND	D08	20	4.3	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,1,2-Trichloroethane	ND	D08	20	4.6	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,1,2-Trichlorotrifluoroethane	ND	D08	20	6.2	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,1-Dichloroethane	ND	D08	20	7.7	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,1-Dichloroethene	ND	D08	20	5.9	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,2,4-Trichlorobenzene	ND	D08	20	8.2	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,2-Dibromo-3-chloropropane	ND	D08	20	7.9	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,2-Dibromoethane (EDB)	ND	D08	20	15	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,2-Dichlorobenzene	ND	D08	20	16	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,2-Dichloroethane	**120**	D08	20	4.3	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,3-Dichlorobenzene	ND	D08	20	16	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
1,4-Dichlorobenzene	ND	D08	20	17	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
2-Butanone (MEK)	ND	D08	200	26	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
2-Hexanone	ND	D08	100	25	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
4-Methyl-2-pentanone (MIBK)	ND	D08	100	42	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Acetone	**220**	D08	200	60	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Bromodichloromethane	ND	D08	20	7.7	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Bromoform	ND	D08	20	5.1	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Bromomethane	ND	D08	20	14	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Carbon disulfide	ND	D08	20	3.9	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Carbon Tetrachloride	ND	D08	20	5.3	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Chlorobenzene	ND	D08	20	15	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Chlorodibromomethane	ND	D08	20	6.4	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Chloroethane	ND	D08	20	6.5	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Chloroform	ND	D08	20	6.7	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Chloromethane	ND	D08	20	6.9	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
cis-1,2-Dichloroethene	ND	D08	20	16	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
cis-1,3-Dichloropropene	ND	D08	20	7.1	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Cyclohexane	ND	D08	20	3.6	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Dichlorodifluoromethane	ND	D08	20	14	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Ethylbenzene	ND	D08	20	15	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Isopropylbenzene	ND	D08	20	16	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Methyl Acetate	ND	D08	20	10	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Methyl tert-Butyl Ether	ND	D08	20	3.2	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Methylcyclohexane	ND	D08	20	3.2	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Methylene Chloride	ND	D08	20	8.8	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Styrene	ND	D08	20	15	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Tetrachloroethene	ND	D08	20	7.3	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Toluene	**38**	D08	20	10	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
trans-1,2-Dichloroethene	ND	D08	20	18	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
trans-1,3-Dichloropropene	ND	D08	20	7.4	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Trichloroethene	ND	D08	20	9.2	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Trichlorofluoromethane	ND	D08	20	18	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Vinyl chloride	ND	D08	20	18	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B
Xylenes, total	ND	D08	40	13	ug/L	20.0	12/02/10 14:58	RJ	10L0135	8260B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-04 (004 MW-43R - Ground Water) - cont.						**Sampled: 11/23/10 11:20**		**Recvd: 11/23/10 12:30**		
Volatile Organic Compounds by EPA 8260B - cont.										
1,2-Dichloroethane-d4	*99 %*	*D08*	*Surr Limits: (66-137%)*				*12/02/10 14:58*	*RJ*	*10L0135*	*8260B*
4-Bromofluorobenzene	*104 %*	*D08*	*Surr Limits: (73-120%)*				*12/02/10 14:58*	*RJ*	*10L0135*	*8260B*
Toluene-d8	*117 %*	*D08*	*Surr Limits: (71-126%)*				*12/02/10 14:58*	*RJ*	*10L0135*	*8260B*
Alcohols by EPA Method 8015 modified										
2-Butanol	ND	D10	10	1.7	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
Ethanol	ND	D10	10	1.4	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
Isobutanol	ND	D10	10	3.7	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
Isopropyl alcohol	ND	D10	10	1.2	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
Methanol	**10**	D10	10	4.1	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
n-Butanol	ND	D10	10	4.0	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
Propanol	ND	D10	10	1.6	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
t-Butanol	ND	D10	10	1.0	mg/L	10.0	12/02/10 08:46	GFD	10L0034	8015
2-Hexanone	*	*D10,Z3*	*Surr Limits: (70-129%)*				*12/02/10 08:46*	*GFD*	*10L0034*	*8015*
Semivolatile Organics by GC/MS										
2,4,5-Trichlorophenol	ND	D08	120	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4,6-Trichlorophenol	ND	D08	49	3.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4-Dichlorophenol	ND	D08	49	2.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4-Dimethylphenol	**10**	D08,J	49	2.4	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4-Dinitrophenol	ND	D08	240	11	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4-Dinitrotoluene	ND	D08	49	2.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,6-Dinitrotoluene	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Chloronaphthalene	ND	D08	49	2.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Chlorophenol	ND	D08	49	2.6	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Methylnaphthalene	ND	D08	49	2.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Methylphenol	**17**	D08,J	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Nitroaniline	ND	D08	240	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2-Nitrophenol	ND	D08	49	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
3,3'-Dichlorobenzidine	ND	D08	98	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
3-Nitroaniline	ND	D08	240	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4,6-Dinitro-2-methylphenol	ND	D08	240	11	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Bromophenyl phenyl ether	ND	D08	49	2.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Chloro-3-methylphenol	ND	D08	49	2.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Chloroaniline	ND	D08	49	2.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Chlorophenyl phenyl ether	ND	D08	49	1.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Methylphenol	**67**	D08	24	1.8	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Nitroaniline	ND	D08	240	1.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
4-Nitrophenol	ND	D08	240	7.4	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Acenaphthene	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Acenaphthylene	ND	D08	49	1.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Anthracene	ND	D08	49	1.4	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Atrazine	ND	D08	49	2.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Benzaldehyde	ND	D08	240	1.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Benzo(a)anthracene	ND	D08	49	1.8	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Benzo(a)pyrene	ND	D08	49	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Benzo(b)fluoranthene	ND	D08	49	1.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-04 (004 MW-43R - Ground Water) - cont.						**Sampled: 11/23/10 11:20**		**Recvd: 11/23/10 12:30**		
Semivolatile Organics by GC/MS - cont.										
Benzo(ghi)perylene	ND	D08	49	1.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Benzo(k)fluoranthene	ND	D08	49	3.6	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Biphenyl	ND	D08	49	3.2	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Bis(2-chloroethoxy)methane	ND	D08	49	1.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Bis(2-chloroethyl)ether	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,2'-Oxybis(1-Chloropropane)	ND	D08	49	2.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Bis(2-ethylhexyl) phthalate	ND	D08	49	8.8	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Butyl benzyl phthalate	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Caprolactam	ND	D08	49	11	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Carbazole	**4.1**	D08,J	24	1.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Chrysene	ND	D08	49	1.6	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Dibenzo(a,h)anthracene	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Dibenzofuran	ND	D08	49	2.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Diethyl phthalate	ND	D08	49	1.1	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Dimethyl phthalate	ND	D08	49	1.8	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Di-n-butyl phthalate	ND	D08	49	1.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Di-n-octyl phthalate	ND	D08	49	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Fluoranthene	ND	D08	49	2.0	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Fluorene	ND	D08	49	1.8	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Hexachlorobenzene	ND	D08	49	2.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Hexachlorobutadiene	ND	D08	49	3.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Hexachlorocyclopentadiene	ND	D08	49	2.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Hexachloroethane	ND	D08	49	2.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Indeno(1,2,3-cd)pyrene	ND	D08	49	2.3	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Isophorone	ND	D08	49	2.1	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Naphthalene	**12**	D08,J	49	3.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Nitrobenzene	ND	D08	49	1.4	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
N-Nitrosodi-n-propylamine	ND	D08	49	2.6	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
N-Nitrosodiphenylamine	ND	D08	49	2.5	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Pentachlorophenol	ND	D08	240	11	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Phenanthrene	**3.6**	D08,J	49	2.1	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Phenol	**410**	D08	49	1.9	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
Pyrene	ND	D08	49	1.7	ug/L	5.00	11/29/10 15:40	MKP	10K2515	8270C
2,4,6-Tribromophenol	*115 %*	*D08*	*Surr Limits: (52-132%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
2-Fluorobiphenyl	*91 %*	*D08*	*Surr Limits: (48-120%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
2-Fluorophenol	*49 %*	*D08*	*Surr Limits: (20-120%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
Nitrobenzene-d5	*81 %*	*D08*	*Surr Limits: (46-120%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
Phenol-d5	*34 %*	*D08*	*Surr Limits: (16-120%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
p-Terphenyl-d14	*72 %*	*D08*	*Surr Limits: (24-136%)*				*11/29/10 15:40*	*MKP*	*10K2515*	*8270C*
Total Metals by SW 846 Series Methods										
Aluminum	**4.46**		0.200	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Antimony	ND		0.0200	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Arsenic	**0.0334**		0.0100	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Barium	**0.0315**		0.0020	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-04 (004 MW-43R - Ground Water) - cont.						**Sampled: 11/23/10 11:20**		**Recvd: 11/23/10 12:30**		
Total Metals by SW 846 Series Methods - cont.										
Beryllium	ND		0.0020	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Cadmium	ND		0.0010	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Calcium	**20.7**		0.5	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Chromium	**0.0058**		0.0040	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Cobalt	ND		0.0040	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Copper	**0.0181**		0.0100	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Iron	**4.18**		0.050	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Lead	**0.0071**		0.0050	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Magnesium	**3.16**		0.200	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Manganese	**0.0888**		0.0030	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Nickel	**0.0514**		0.0100	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Potassium	**8.07**		0.500	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Selenium	ND		0.0150	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Silver	ND		0.0030	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Sodium	**209**		1.0	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Thallium	ND		0.0200	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Vanadium	**0.0593**		0.0050	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Zinc	**0.0348**		0.0100	NR	mg/L	1.00	11/24/10 18:04	MxM	10K2373	6010B
Mercury	ND		0.0002	NR	mg/L	1.00	11/29/10 16:53	JRK	10K2495	7470A
General Chemistry Parameters										
Cyanide	ND		0.0100	0.0050	mg/L	1.00	11/27/10 15:37	JME	10K2502	335.4
Aldehydes by EPA Method 8315A										
Formaldehyde	**63.9**		50.0	NR	ug/L	1.00	11/24/10 18:29	gmh	10K4995	SW846 8315A
Butyraldehyde	*92 %*		*Surr Limits: (54-128%)*				*11/24/10 18:29*	*gmh*	*10K4995*	*SW846 8315A*

New York State D.E.C. - Buffalo, NY
270 Michigan Avenue
Buffalo, NY 14203

Work Order: RTK1564

Project: NYSDEC - Spaulding Fibre: Site# 915050
Project Number: NYSDEC-0021

Received: 11/23/10
Reported: 12/09/10 14:55

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1564-04RE1 (004 MW-43R - Ground Water)						**Sampled: 11/23/10 11:20**		**Recvd: 11/23/10 12:30**		
Volatile Organic Compounds by EPA 8260B										
Benzene	**5800**	D08	80	33	ug/L	80.0	12/03/10 11:14	RJ	10L0201	8260B
1,2-Dichloroethane-d4	*109 %*	*D08*	*Surr Limits: (66-137%)*				*12/03/10 11:14*	*RJ*	*10L0201*	*8260B*
4-Bromofluorobenzene	*110 %*	*D08*	*Surr Limits: (73-120%)*				*12/03/10 11:14*	*RJ*	*10L0201*	*8260B*
Toluene-d8	*121 %*	*D08*	*Surr Limits: (71-126%)*				*12/03/10 11:14*	*RJ*	*10L0201*	*8260B*

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☑

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC - Region 9	Glenn May	11/23/10	179379
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page 1 of 1**
Michigan Avenue			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**
Spaulding Fibre Site #91505	
Contract/Purchase Order/Quote No.	

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Other	Analysis: TAL Metals	TCL	Pesticide/PCB	SVOA	BNA/Acid	VOA	Special Instructions/ Conditions of Receipt
001 MW-8R	11/23/10	0910		X			4		1	3	1		2	X	X	X	X	X	X	
002 OW-A	11/23/10	0955		X			4		1	3	1		2	X	X	X	X	X	X	
003 OW-B	11/23/10	1030		X			4		1	3	1		2	X	X	X	X	X	X	
004 MW-43R	11/23/10	1120		X			4		1	3	1		2	X	X	X	X	X	X	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	11/23/10	1230	1. Received By	11/23/10	1230
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: MW-43R
Date Collected: 08/09/11 08:20
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	82	ug/L			08/16/11 15:31	100
1,1,2,2-Tetrachloroethane	ND		100	21	ug/L			08/16/11 15:31	100
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		100	31	ug/L			08/16/11 15:31	100
1,1,2-Trichloroethane	ND		100	23	ug/L			08/16/11 15:31	100
1,1-Dichloroethane	ND		100	38	ug/L			08/16/11 15:31	100
1,1-Dichloroethene	ND		100	29	ug/L			08/16/11 15:31	100
1,2,4-Trichlorobenzene	ND		100	41	ug/L			08/16/11 15:31	100
1,2-Dibromo-3-Chloropropane	ND		100	39	ug/L			08/16/11 15:31	100
1,2-Dibromoethane	ND		100	73	ug/L			08/16/11 15:31	100
1,2-Dichlorobenzene	ND		100	79	ug/L			08/16/11 15:31	100
1,2-Dichloroethane	ND		100	21	ug/L			08/16/11 15:31	100
1,2-Dichloropropane	ND		100	72	ug/L			08/16/11 15:31	100
1,3-Dichlorobenzene	ND		100	78	ug/L			08/16/11 15:31	100
1,4-Dichlorobenzene	ND		100	84	ug/L			08/16/11 15:31	100
2-Butanone (MEK)	ND		1000	130	ug/L			08/16/11 15:31	100
2-Hexanone	ND		500	120	ug/L			08/16/11 15:31	100
4-Methyl-2-pentanone (MIBK)	ND		500	210	ug/L			08/16/11 15:31	100
Acetone	ND		1000	300	ug/L			08/16/11 15:31	100
Bromodichloromethane	ND		100	39	ug/L			08/16/11 15:31	100
Bromoform	ND		100	26	ug/L			08/16/11 15:31	100
Bromomethane	ND		100	69	ug/L			08/16/11 15:31	100
Carbon disulfide	ND		100	19	ug/L			08/16/11 15:31	100
Carbon tetrachloride	ND		100	27	ug/L			08/16/11 15:31	100
Chlorobenzene	ND		100	75	ug/L			08/16/11 15:31	100
Chloroethane	ND		100	32	ug/L			08/16/11 15:31	100
Chloroform	ND		100	34	ug/L			08/16/11 15:31	100
Chloromethane	ND		100	35	ug/L			08/16/11 15:31	100
cis-1,2-Dichloroethene	ND		100	81	ug/L			08/16/11 15:31	100
cis-1,3-Dichloropropene	ND		100	36	ug/L			08/16/11 15:31	100
Cyclohexane	ND		100	18	ug/L			08/16/11 15:31	100
Dibromochloromethane	ND		100	32	ug/L			08/16/11 15:31	100
Dichlorodifluoromethane	ND		100	68	ug/L			08/16/11 15:31	100
Ethylbenzene	ND		100	74	ug/L			08/16/11 15:31	100
Isopropylbenzene	ND		100	79	ug/L			08/16/11 15:31	100
Methyl acetate	ND		100	50	ug/L			08/16/11 15:31	100
Methyl tert-butyl ether	ND		100	16	ug/L			08/16/11 15:31	100
Methylcyclohexane	ND		100	16	ug/L			08/16/11 15:31	100
Methylene Chloride	ND		100	44	ug/L			08/16/11 15:31	100
Styrene	ND		100	73	ug/L			08/16/11 15:31	100
Tetrachloroethene	ND		100	36	ug/L			08/16/11 15:31	100
Toluene	ND		100	51	ug/L			08/16/11 15:31	100
trans-1,2-Dichloroethene	ND		100	90	ug/L			08/16/11 15:31	100
trans-1,3-Dichloropropene	ND		100	37	ug/L			08/16/11 15:31	100
Trichloroethene	ND		100	46	ug/L			08/16/11 15:31	100
Trichlorofluoromethane	ND		100	88	ug/L			08/16/11 15:31	100
Vinyl chloride	ND		100	90	ug/L			08/16/11 15:31	100
Xylenes, Total	ND		200	66	ug/L			08/16/11 15:31	100

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*08/16/11 15:31*	*100*

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: MW-43R
Date Collected: 08/09/11 08:20
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-3
Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/16/11 15:31*	*100*
Toluene-d8 (Surr)	*112*		*71 - 126*		*08/16/11 15:31*	*100*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**15000**		250	100	ug/L			08/17/11 11:28	250

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*102*		*66 - 137*		*08/17/11 11:28*	*250*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*08/17/11 11:28*	*250*
Toluene-d8 (Surr)	*112*		*71 - 126*		*08/17/11 11:28*	*250*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		24	2.3	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,4,6-Trichlorophenol	ND		24	2.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,4-Dichlorophenol	ND		24	2.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,4-Dimethylphenol	**14**	**J**	24	2.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,4-Dinitrophenol	ND		47	10	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,4-Dinitrotoluene	ND		24	2.1	ug/L		08/10/11 16:08	08/17/11 15:09	5
2,6-Dinitrotoluene	ND		24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Chloronaphthalene	ND		24	2.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Chlorophenol	ND		24	2.5	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Methylnaphthalene	**2.8**	**J**	24	2.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Methylphenol	**20**	**J**	24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Nitroaniline	ND		47	2.0	ug/L		08/10/11 16:08	08/17/11 15:09	5
2-Nitrophenol	ND		24	2.3	ug/L		08/10/11 16:08	08/17/11 15:09	5
3,3'-Dichlorobenzidine	ND		24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
3-Nitroaniline	ND		47	2.3	ug/L		08/10/11 16:08	08/17/11 15:09	5
4,6-Dinitro-2-methylphenol	ND		47	10	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Bromophenyl phenyl ether	ND		24	2.1	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Chloro-3-methylphenol	ND		24	2.1	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Chloroaniline	ND		24	2.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Chlorophenyl phenyl ether	ND		24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Methylphenol	**78**		47	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Nitroaniline	ND		47	1.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
4-Nitrophenol	ND		47	7.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Acenaphthene	**3.7**	**J**	24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
Acenaphthylene	ND		24	1.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
Acetophenone	**2.6**	**J**	24	2.5	ug/L		08/10/11 16:08	08/17/11 15:09	5
Anthracene	**1.3**	**J**	24	1.3	ug/L		08/10/11 16:08	08/17/11 15:09	5
Atrazine	ND		24	2.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzaldehyde	ND		24	1.3	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzo(a)anthracene	ND		24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzo(a)pyrene	ND		24	2.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzo(b)fluoranthene	ND		24	1.6	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzo(g,h,i)perylene	ND		24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
Benzo(k)fluoranthene	ND		24	3.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
Biphenyl	ND		24	3.1	ug/L		08/10/11 16:08	08/17/11 15:09	5
bis (2-chloroisopropyl) ether	ND		24	2.5	ug/L		08/10/11 16:08	08/17/11 15:09	5

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: MW-43R
Date Collected: 08/09/11 08:20
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-3
Matrix: Water

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
Bis(2-chloroethyl)ether	ND		24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
Bis(2-ethylhexyl) phthalate	ND		24	8.5	ug/L		08/10/11 16:08	08/17/11 15:09	5
Butyl benzyl phthalate	ND		24	2.0	ug/L		08/10/11 16:08	08/17/11 15:09	5
Caprolactam	ND		24	10	ug/L		08/10/11 16:08	08/17/11 15:09	5
Carbazole	**5.1**	**J**	24	1.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
Chrysene	ND		24	1.6	ug/L		08/10/11 16:08	08/17/11 15:09	5
Dibenz(a,h)anthracene	ND		24	2.0	ug/L		08/10/11 16:08	08/17/11 15:09	5
Dibenzofuran	ND		47	2.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
Diethyl phthalate	ND		24	1.0	ug/L		08/10/11 16:08	08/17/11 15:09	5
Dimethyl phthalate	ND		24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
Di-n-butyl phthalate	ND		24	1.5	ug/L		08/10/11 16:08	08/17/11 15:09	5
Di-n-octyl phthalate	ND		24	2.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Fluoranthene	ND		24	1.9	ug/L		08/10/11 16:08	08/17/11 15:09	5
Fluorene	**2.8**	**J**	24	1.7	ug/L		08/10/11 16:08	08/17/11 15:09	5
Hexachlorobenzene	ND		24	2.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
Hexachlorobutadiene	ND		24	3.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Hexachlorocyclopentadiene	ND		24	2.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
Hexachloroethane	ND		24	2.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
Indeno(1,2,3-cd)pyrene	ND		24	2.2	ug/L		08/10/11 16:08	08/17/11 15:09	5
Isophorone	ND		24	2.0	ug/L		08/10/11 16:08	08/17/11 15:09	5
Naphthalene	**19**	**J**	24	3.6	ug/L		08/10/11 16:08	08/17/11 15:09	5
Nitrobenzene	ND		24	1.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
N-Nitrosodi-n-propylamine	ND		24	2.5	ug/L		08/10/11 16:08	08/17/11 15:09	5
N-Nitrosodiphenylamine	ND		24	2.4	ug/L		08/10/11 16:08	08/17/11 15:09	5
Pentachlorophenol	ND		47	10	ug/L		08/10/11 16:08	08/17/11 15:09	5
Phenanthrene	**4.1**	**J**	24	2.1	ug/L		08/10/11 16:08	08/17/11 15:09	5
Phenol	**530**		24	1.8	ug/L		08/10/11 16:08	08/17/11 15:09	5
Pyrene	ND		24	1.6	ug/L		08/10/11 16:08	08/17/11 15:09	5

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*104*		*52 - 132*	*08/10/11 16:08*	*08/17/11 15:09*	*5*
2-Fluorobiphenyl	*88*		*48 - 120*	*08/10/11 16:08*	*08/17/11 15:09*	*5*
2-Fluorophenol	*39*		*20 - 120*	*08/10/11 16:08*	*08/17/11 15:09*	*5*
Nitrobenzene-d5	*76*		*46 - 120*	*08/10/11 16:08*	*08/17/11 15:09*	*5*
Phenol-d5	*32*		*16 - 120*	*08/10/11 16:08*	*08/17/11 15:09*	*5*
p-Terphenyl-d14	*79*		*24 - 136*	*08/10/11 16:08*	*08/17/11 15:09*	*5*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethanol	ND		10	1.4	mg/L			08/12/11 20:40	10
Isobutyl alcohol	ND		10	3.7	mg/L			08/12/11 20:40	10
Methanol	ND		10	4.1	mg/L			08/12/11 20:40	10
n-Butanol	ND		10	4.0	mg/L			08/12/11 20:40	10
Propanol	ND		10	1.6	mg/L			08/12/11 20:40	10
2-Butanol	ND		10	1.7	mg/L			08/12/11 20:40	10
Isopropyl alcohol	ND		10	1.2	mg/L			08/12/11 20:40	10
t-Butyl alcohol	ND		10	1.0	mg/L			08/12/11 20:40	10

Surrogate	*% Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Hexanone	*9*	*X*	*70 - 129*		*08/12/11 20:40*	*10*

Client: New York State D.E.C.
Project/Site: NYSDEC - Spaulding Fibre: Site# 915050

TestAmerica Job ID: 480-8310-1

Client Sample ID: MW-43R
Date Collected: 08/09/11 08:20
Date Received: 08/09/11 10:05

Lab Sample ID: 480-8310-3
Matrix: Water

Method: 8315A - Carbonyl Compounds (HPLC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Formaldehyde	14	J	50	5.0	ug/L		08/11/11 09:38	08/12/11 11:56	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.75	B	0.20	0.060	mg/L		08/11/11 08:50	08/11/11 15:32	1
Antimony	0.0076	J	0.020	0.0068	mg/L		08/11/11 08:50	08/11/11 15:32	1
Arsenic	0.044		0.010	0.0056	mg/L		08/11/11 08:50	08/11/11 15:32	1
Barium	0.0077		0.0020	0.00050	mg/L		08/11/11 08:50	08/11/11 15:32	1
Beryllium	ND		0.0020	0.00030	mg/L		08/11/11 08:50	08/11/11 15:32	1
Cadmium	ND		0.0010	0.00033	mg/L		08/11/11 08:50	08/11/11 15:32	1
Calcium	10.2	B	0.50	0.10	mg/L		08/11/11 08:50	08/11/11 15:32	1
Chromium	0.0019	J	0.0040	0.00087	mg/L		08/11/11 08:50	08/11/11 15:32	1
Cobalt	0.00069	J	0.0040	0.00063	mg/L		08/11/11 08:50	08/11/11 15:32	1
Copper	0.0087	J	0.010	0.0015	mg/L		08/11/11 08:50	08/11/11 15:32	1
Iron	0.36	B	0.050	0.019	mg/L		08/11/11 08:50	08/11/11 15:32	1
Lead	0.0063		0.0050	0.0030	mg/L		08/11/11 08:50	08/11/11 15:32	1
Magnesium	0.24		0.20	0.043	mg/L		08/11/11 08:50	08/11/11 15:32	1
Manganese	0.0057	B	0.0030	0.00030	mg/L		08/11/11 08:50	08/11/11 15:32	1
Nickel	0.052		0.010	0.0013	mg/L		08/11/11 08:50	08/11/11 15:32	1
Potassium	2.4		0.50	0.20	mg/L		08/11/11 08:50	08/11/11 15:32	1
Selenium	ND		0.015	0.0087	mg/L		08/11/11 08:50	08/11/11 15:32	1
Silver	ND		0.0030	0.0017	mg/L		08/11/11 08:50	08/11/11 15:32	1
Sodium	149		1.0	0.32	mg/L		08/11/11 08:50	08/11/11 15:32	1
Thallium	ND		0.020	0.010	mg/L		08/11/11 08:50	08/11/11 15:32	1
Vanadium	0.0067		0.0050	0.0011	mg/L		08/11/11 08:50	08/11/11 15:32	1
Zinc	0.019		0.010	0.0017	mg/L		08/11/11 08:50	08/11/11 15:32	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		08/10/11 10:10	08/10/11 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.0060	J	0.010	0.0050	mg/L		08/18/11 16:26	08/19/11 08:11	1

Chain of Custody Record

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☒

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client	Project Manager	Date	Chain of Custody Number
NYSDEC Region 9	Glenn May	8-9-11	199004
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
Michigan Ave.			
City	**State**	**Zip Code**	**Site Contact**	**Lab Contact**
Buffalo	NY		Glenn May	Brian Fischer
Project Name and Location (State)	**Carrier/Waybill Number**	**Analysis (Attach list if more space is needed)**
Spaulding Fibre Site# 915050		
Contract/Purchase Order/Quote No.		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Amber Unpres.	H2SO4	HNO3	HCl	NaOH	Zn Ac/NaOH	40ml VOA Unpres.	TAL Metals	CN	Formaldehyde	SVOA	8015B DAI	8260B TCL	Special Instructions/ Conditions of Receipt
OW-B	8-9-11	0655		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	12 Total
OW-A	8-9-11	0730		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
MW-43R	8-9-11	0820		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
OW-8R	8-9-11	0910		✓			4		1	3	1		3	✓	✓	✓	✓	✓	✓	"
END																				48 Total

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☒ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NYSDEC

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: R. Fischer			1. Received By: [signature] - TA	8/9/11	10:05
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2 coolers @ 15.1°C onice

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	MW-43R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 12:15:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-003	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
NONHALOGENATED VOLATILES BY EPA 8015B			**8015_W**			Analyst: **Sub**
Ethanol (#)	ND	1.0		mg/L	1	1/12/2012
Methanol (#)	ND	1.0		mg/L	1	1/12/2012

NOTES:
Subcontracted to NYSDOH ELAP Lab ID#10145
The test parameter Ethanol requires NYSDOH ELAP accreditation.

ICP METALS, TOTAL BY NYSDEC ASP 2005			**200.7WTASP**	**(E200.7)**	Analyst: **ALW**
Aluminum	741	100	µg/L	1	1/16/2012 4:35:43 PM
Barium	ND	50.0	µg/L	1	1/16/2012 4:35:43 PM
Beryllium	ND	3.00	µg/L	1	1/16/2012 4:35:43 PM
Cadmium	ND	5.00	µg/L	1	1/16/2012 4:35:43 PM
Calcium	11900	5000	µg/L	1	1/16/2012 4:35:43 PM
Chromium	ND	10.0	µg/L	1	1/16/2012 4:35:43 PM
Cobalt	ND	20.0	µg/L	1	1/16/2012 4:35:43 PM
Copper	ND	10.0	µg/L	1	1/16/2012 4:35:43 PM
Iron	721	60.0	µg/L	1	1/16/2012 4:35:43 PM
Magnesium	ND	5000	µg/L	1	1/16/2012 4:35:43 PM
Manganese	21.7	10.0	µg/L	1	1/16/2012 4:35:43 PM
Nickel	57.1	30.0	µg/L	1	1/16/2012 4:35:43 PM
Potassium	ND	5000	µg/L	1	1/16/2012 4:35:43 PM
Silver	ND	10.0	µg/L	1	1/16/2012 4:35:43 PM
Sodium	171000	5000	µg/L	1	1/16/2012 4:35:43 PM
Vanadium	ND	30.0	µg/L	1	1/16/2012 4:35:43 PM
Zinc	24.4	10.0	µg/L	1	1/16/2012 4:35:43 PM

ASP TOTAL METALS BY ICP-MS			**200.8ASP**	**(E200.8)**	Analyst: **DEB**
Antimony	ND	25.0	µg/L	5	1/17/2012 11:15:00 AM
Arsenic	32.1	25.0	µg/L	5	1/17/2012 11:15:00 AM
Lead	ND	15.0	µg/L	5	1/17/2012 11:15:00 AM
Selenium	ND	15.0	µg/L	5	1/17/2012 11:15:00 AM
Thallium	ND	15.0	µg/L	5	1/17/2012 11:15:00 AM

NOTES:
The reporting limits were raised due to matrix interference.

TOTAL MERCURY WATERS ASP			**245.2WTASP**	**(E245.2)**	Analyst: **ALW**
Mercury	ND	0.200	µg/L	1	1/17/2012 2:30:00 PM

SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005			**8270ASP05_W**	**(SW3520)**	Analyst: **LD**
(3+4)-Methylphenol	54	5.0	µg/L	1	1/12/2012 7:23:00 PM
1,2,4,5-Tetrachlorobenzene	ND	5.0	µg/L	1	1/12/2012 7:23:00 PM
1,2,4-Trichlorobenzene	ND	5.0	µg/L	1	1/12/2012 7:23:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	MW-43R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 12:15:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-003	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/12/2012 7:23:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2,4-Dimethylphenol	23	5.0		µg/L	1	1/12/2012 7:23:00 PM
2,4-Dinitrophenol	ND	10		µg/L	1	1/12/2012 7:23:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
2-Methylphenol	14	5.0		µg/L	1	1/12/2012 7:23:00 PM
2-Nitroaniline	ND	10		µg/L	1	1/12/2012 7:23:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
3,3´-Dichlorobenzidine	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
3-Nitroaniline	ND	10		µg/L	1	1/12/2012 7:23:00 PM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/12/2012 7:23:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
4-Chloroaniline	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
4-Nitroaniline	ND	10		µg/L	1	1/12/2012 7:23:00 PM
4-Nitrophenol	ND	10		µg/L	1	1/12/2012 7:23:00 PM
Acenaphthene	3.1	5.0	J	µg/L	1	1/12/2012 7:23:00 PM
Acenaphthylene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Acetophenone	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Anthracene	1.2	5.0	J	µg/L	1	1/12/2012 7:23:00 PM
Atrazine	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benzaldehyde	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Biphenyl	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	MW-43R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 12:15:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-003	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Bis(2-ethylhexyl)phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Caprolactam	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Carbazole	3.9	5.0	J	µg/L	1	1/12/2012 7:23:00 PM
Chrysene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Di-n-butyl phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Dibenzofuran	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Fluoranthene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Fluorene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Hexachlorocyclopentadiene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Hexachloroethane	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Isophorone	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Naphthalene	15	5.0		µg/L	1	1/12/2012 7:23:00 PM
Nitrobenzene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
Pentachlorophenol	ND	10		µg/L	1	1/12/2012 7:23:00 PM
Phenanthrene	3.0	5.0	J	µg/L	1	1/12/2012 7:23:00 PM
Phenol	760	100		µg/L	20	1/12/2012 6:35:00 PM
Pyrene	ND	5.0		µg/L	1	1/12/2012 7:23:00 PM
TIC: 1,3-Isobenzofurandione, 4,7-dimethyl-	6.9	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: 1,8-Naphthalic anhydride	21	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: 1-Phenanthrenecarboxylic acid, 1,2,3,4,4	40	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: 2-Dibenzofuranol	10	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: 2H-1-Benzopyran-2-one	60	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: Azelaic Acid	90	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: Benzeneacetic acid	20	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: Benzenesulfonamide, 4-methyl-	52	0		µg/L	1	1/12/2012 7:23:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT: SJB/EmpireGeo Services, Inc.
Client Sample ID: MW-43R
Lab Order: U1201135
Collection Date: 1/5/2012 12:15:00 PM
Project: BEV-09-006/Spaulding
Lab ID: U1201135-003
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
TIC: Benzoic acid, 2-amino-	37	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: Benzoic acid, 2-amino-	46	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: Benzylmalonic acid	950	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: n-Hexadecanoic acid	17	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: Phthalic anhydride	990	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (10.12)	8.5	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (10.58)	8.5	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (11.04)	17	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (4.57)	400	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (4.69)	200	0	B	µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (4.72)	530	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (5.1)	42	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (5.3)	14	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (5.74)	15	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (6.13)	87	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (6.27)	110	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (6.49)	44	0		µg/L	20	1/12/2012 6:35:00 PM
TIC: unknown (7.44)	19	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (7.76)	7.8	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (8)	55	0		µg/L	1	1/12/2012 7:23:00 PM
TIC: unknown (8.14)	19	0		µg/L	1	1/12/2012 7:23:00 PM
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,1,1-Trichloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,1,2,2-Tetrachloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,1,2-Trichloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,1-Dichloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,1-Dichloroethene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2,3-Trichlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2,4-Trichlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2,4-Trimethylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2-Dibromo-3-chloropropane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2-Dibromoethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2-Dichlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2-Dichloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,2-Dichloropropane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,3,5-Trimethylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,3-Dichlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
1,4-Dichlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM

Approved By: **Date:**

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	MW-43R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 12:15:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-003	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260		**8260ASP05_W**				Analyst: **EMZ**
1,4-Dioxane	ND	20000		µg/L	200	1/9/2012 3:49:00 PM
2-Butanone	ND	2000		µg/L	200	1/9/2012 3:49:00 PM
2-Hexanone	ND	2000		µg/L	200	1/9/2012 3:49:00 PM
4-Methyl-2-pentanone	ND	2000		µg/L	200	1/9/2012 3:49:00 PM
Acetone	ND	2000		µg/L	200	1/9/2012 3:49:00 PM
Benzene	21000	1000		µg/L	200	1/9/2012 3:49:00 PM
Bromochloromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Bromodichloromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Bromoform	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Bromomethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Carbon disulfide	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Carbon tetrachloride	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Chlorobenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Chloroethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Chloroform	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Chloromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
cis-1,2-Dichloroethene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
cis-1,3-Dichloropropene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Cyclohexane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Dibromochloromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Dichlorodifluoromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Ethylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Freon-113	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Isopropylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
m,p-Xylene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Methyl Acetate	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Methyl tert-butyl ether	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Methylcyclohexane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Methylene chloride	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
n-Butylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
n-Propylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
o-Xylene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
sec-Butylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Styrene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
tert-Butylbenzene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Tetrachloroethene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Toluene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
trans-1,2-Dichloroethene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
trans-1,3-Dichloropropene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	MW-43R
Lab Order:	U1201135	**Collection Date:**	1/5/2012 12:15:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-003	**Matrix:**	GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ASP/CLP TCL VOLATILES IN WATER BY METHOD 8260			**8260ASP05_W**			Analyst: **EMZ**
Trichloroethene	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Trichlorofluoromethane	ND	1000		µg/L	200	1/9/2012 3:49:00 PM
Vinyl chloride	ND	1000		µg/L	200	1/9/2012 3:49:00 PM

NOTES:
The reporting limits were raised due to the high concentration of target compounds.
TICS: No compounds were detected.

CYANIDE, TOTAL WATERS BY NYSDEC ASP 2005			**CN_W_ASP**	**(E335.4)**		Analyst: **CAC**
Cyanide	ND	10.0		µg/L	1	1/18/2012
FORMALDEHYDE DEC 89-9			**FORMALD_W**			Analyst: **Sub**
Formaldehyde	0.022	0.0080		mg/L	1	1/6/2012

NOTES:
Subcontracted to NYSDOH ELAP Lab ID#10145

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

8 DAY TAT

Client: SJB - HAMBURG
Empire Geo Services

Client Project # / Project Name
REV-09-006 / Spaulding

Client Contact: Dave Steiner

Phone # 649 8110

Site Location (city/state): Tonawanda, NY

Special Turnaround Time _____ (Lab Notification required) ASP-B

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only U1201135	No. of Containers	1) TCL VOCs 2005	2) TCL BNAs 2005	3) Formaldehyde	4) Ethanol Methanol	5) Metals	6) T. Cyanide	7)	8)	9)	10)	Remarks
OW-A	1/5/12	0900	GW	G	1	8	XX	X	X	XX	X	X					
OW-8R		1130	GW		2	8	XX	X	X	XX	X	X					
MW-43R		1215	GW		3	8	XX	X	X	XX	X	X					
Retention Pond		1400	SW		4	2	–	X	X	–	–	–					
OW-B		1530	GW		5	8	XX	X	X	XX	X	X					

parameter and method	sample bottle: type	size	pres.
1) SJB 1-5-12 VOCs 8260B	Glass	40ml	HCl
2) BNAs 8270C	Amber	950ml	Cool
3) Formaldehyde 8315A	Amber	950ml	Cool
4) Ethanol, Methanol 8015B 4	Glass	40ml	Cool
5) Metals 6010B/7470A TAL	Poly	500ml	HNO3
6) T. Cyanide	Poly	500ml	
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) S. Bochenek

Company: Empire Geo Services

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	1/5/12	1640	[signature]
[signature]	1/5/12	1730	
	1/6/12	0818	[signature]

Syracuse Rochester ~~Buffalo~~ Albany Binghamton Fair Lawn (NJ)

APPENDIX E

SURFACE WATER ANALYTICAL RESULTS

SURFACE WATER RESULTS FOR THE RETENTION POND

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT: SJB/EmpireGeo Services, Inc.
Client Sample ID: Retention Pond
Lab Order: U1201135
Collection Date: 1/5/2012 2:00:00 PM
Project: BEV-09-006/Spaulding
Lab ID: U1201135-004
Matrix: SURFACE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
(3+4)-Methylphenol	37	5.0		µg/L	1	1/11/2012 1:39:00 PM
1,2,4,5-Tetrachlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/11/2012 1:39:00 PM
2,4,6-Trichlorophenol	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2,4-Dichlorophenol	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2,4-Dimethylphenol	2.4	5.0	J	µg/L	1	1/11/2012 1:39:00 PM
2,4-Dinitrophenol	ND	10		µg/L	1	1/11/2012 1:39:00 PM
2,4-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2,6-Dinitrotoluene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2-Chloronaphthalene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2-Chlorophenol	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2-Methylnaphthalene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
2-Methylphenol	230	100		µg/L	20	1/12/2012 6:59:00 PM
2-Nitroaniline	ND	10		µg/L	1	1/11/2012 1:39:00 PM
2-Nitrophenol	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
3,3´-Dichlorobenzidine	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
3-Nitroaniline	ND	10		µg/L	1	1/11/2012 1:39:00 PM
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/11/2012 1:39:00 PM
4-Bromophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
4-Chloro-3-methylphenol	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
4-Chloroaniline	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
4-Chlorophenyl phenyl ether	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
4-Nitroaniline	ND	10		µg/L	1	1/11/2012 1:39:00 PM
4-Nitrophenol	ND	10		µg/L	1	1/11/2012 1:39:00 PM
Acenaphthene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Acenaphthylene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Acetophenone	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Anthracene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Atrazine	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benz(a)anthracene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benzaldehyde	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benzo(a)pyrene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benzo(b)fluoranthene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benzo(g,h,i)perylene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Benzo(k)fluoranthene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM

Approved By: **Date:**

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	Retention Pond
Lab Order:	U1201135	**Collection Date:**	1/5/2012 2:00:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-004	**Matrix:**	SURFACE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005		**8270ASP05_W**			**(SW3520)**	Analyst: **LD**
Biphenyl	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Bis(2-chloroethoxy)methane	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Bis(2-chloroethyl)ether	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Bis(2-chloroisopropyl)ether	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Bis(2-ethylhexyl)phthalate	1.5	5.0	J	µg/L	1	1/11/2012 1:39:00 PM
Butyl benzyl phthalate	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Caprolactam	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Carbazole	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Chrysene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Di-n-butyl phthalate	5.1	5.0		µg/L	1	1/11/2012 1:39:00 PM
Di-n-octyl phthalate	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Dibenz(a,h)anthracene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Dibenzofuran	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Diethyl phthalate	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Dimethyl phthalate	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Fluoranthene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Fluorene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Hexachlorobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Hexachlorobutadiene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Hexachlorocyclopentadiene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Hexachloroethane	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Indeno(1,2,3-cd)pyrene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Isophorone	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
N-Nitrosodi-n-propylamine	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
N-Nitrosodiphenylamine	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Naphthalene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Nitrobenzene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Pentachlorophenol	ND	10		µg/L	1	1/11/2012 1:39:00 PM
Phenanthrene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
Phenol	1300	100		µg/L	20	1/12/2012 6:59:00 PM
Pyrene	ND	5.0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Benzoic acid, 3-methyl-	20	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Erucylamide	36	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Formamide, N-phenyl-	5.5	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Octadecanoic acid	3.7	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Phenol, 2,2'-methylenebis-	7.7	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Phenol, 4,4'-methylenebis-	10	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Phenol, m-tert-butyl-	50	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: Phenol, m-tert-butyl-	4600	0		µg/L	20	1/12/2012 6:59:00 PM

Approved By: _____ **Date:** _____

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: *24-Jan-12*

CLIENT:	SJB/EmpireGeo Services, Inc.	**Client Sample ID:**	Retention Pond
Lab Order:	U1201135	**Collection Date:**	1/5/2012 2:00:00 PM
Project:	BEV-09-006/Spaulding		
Lab ID:	U1201135-004	**Matrix:**	SURFACE WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS BY NYSDEC ASP 2005			**8270ASP05_W**		**(SW3520)**	Analyst: **LD**
TIC: unknown	400	0		µg/L	20	1/12/2012 6:59:00 PM
TIC: unknown (12.51)	2.1	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (16.39)	2.7	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (4.79)	4.0	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (5.03)	3.1	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (5.15)	2.6	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (5.56)	3.6	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (6.85)	2.0	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (6.88)	2.4	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (6.91)	2.8	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (7.06)	2.6	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (8.38)	2.2	0		µg/L	1	1/11/2012 1:39:00 PM
TIC: unknown (9.41)	14	0		µg/L	1	1/11/2012 1:39:00 PM
FORMALDEHYDE DEC 89-9			**FORMALD_W**			Analyst: **Sub**
Formaldehyde	0.012	0.0080		mg/L	1	1/6/2012

NOTES:
Subcontracted to NYSDOH ELAP Lab ID#10145

Approved By: _____ **Date:** _____

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	*	Low Level
	**	Value exceeds Maximum Contaminant Value	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

6034 Corporate Drive • E. Syracuse, NY 13057-1017
(315) 437 0255 Fax 437 1209

Chain Of Custody Record

8 DAY TAT

Client: SJB - HAMBURG
Empire Geo Services

Client Project # / Project Name
REV-09-006 / Spaulding

Client Contact: Dave Steiner

Phone # 649 8110

Site Location (city/state): Tonawanda, NY

Special Turnaround Time _____ (Lab Notification required) ASP-B

Sample Location:	Date	Time	Matrix	Grab or Comp.	ULI Internal Use Only U1201135	No. of Containers	1) TCL VOCs 2005	2) TCL BNAs 2005	3) Formaldehyde	4) Ethanol Methanol	5) Metals	6) T. Cyanide	7)	8)	9)	10)	Remarks
OW-A	1/5/12	0900	GW	G	1	8	XX	X	X	XX	X	X					
OW-8R		1130	GW		2	8	XX	X	X	XX	X	X					
MW-43R		1215	GW		3	8	XX	X	X	XX	X	X					
Retention Pond		1400	SW		4	2	–	X	X	–	–	–					
OW-B		1530	GW		5	8	XX	X	X	XX	X	X					

parameter and method	sample bottle: type	size	pres.
1) SJB 1-5-12 VOCs 8260B	Glass	40ml	HCl
2) BNAs 8270C	Amber	950ml	Cool
3) Formaldehyde 8315A	Amber	950ml	Cool
4) Ethanol, Methanol 8015B 4	Glass	40ml	Cool
5) Metals 6010B/7470A TAL	Poly	500ml	HNO3
6) T. Cyanide	Poly	500ml	
7)			
8)			
9)			
10)			

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

Sampled by: (Please Print) S. Bochenek

Company: Empire Geo Services

ULI Internal Use Only
Delivery (check one):
☐ ULI Sampled
☒ Pickup ☐ Dropoff
☐ CC _____

Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	1/5/12	1640	[signature]
[signature]	1/5/12	1730	
	1/6/12	0818	[signature]

Syracuse Rochester ~~Buffalo~~ Albany Binghamton Fair Lawn (NJ)