

### **Division of Environmental Remediation**

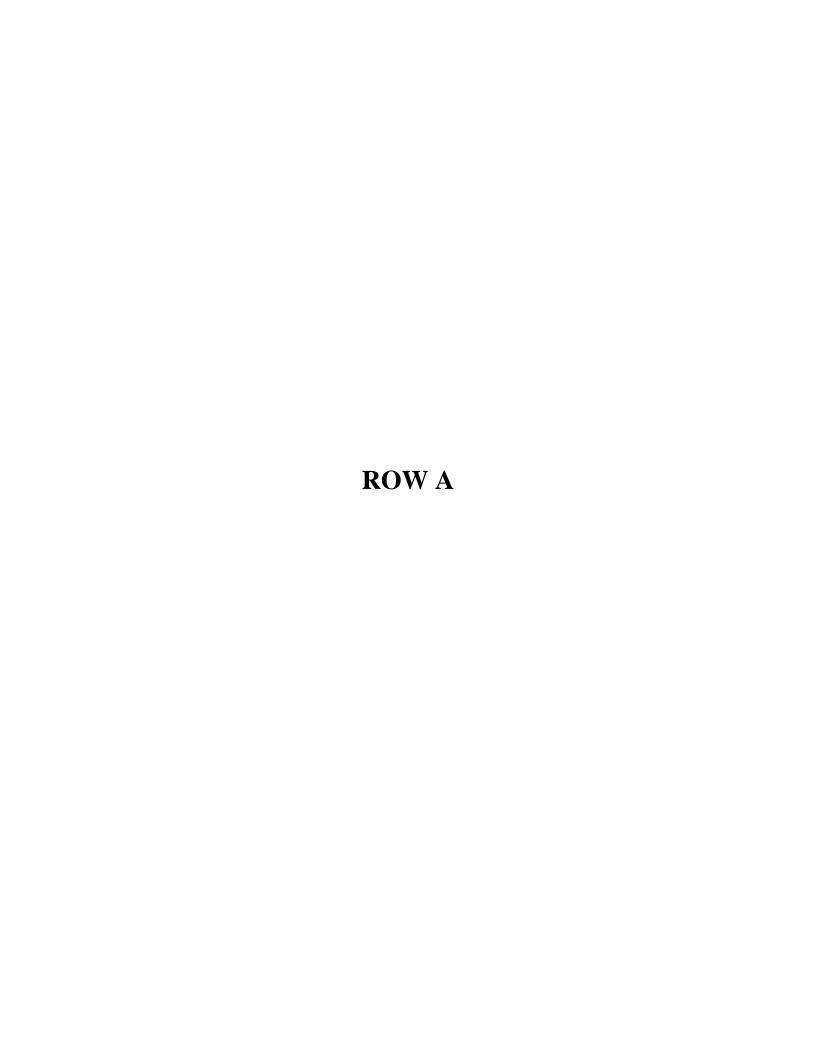
### **Remediation Report**

### Barker Chemical Site Barker, Niagara County, New York Site Number 932119

**May 2015** 

New York State Department of Environmental Conservation Region 9 270 Michigan Avenue Buffalo, New York 14203

# APPENDIX A SOIL BORING LOGS



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STARTED 8/7/2013 **FINISHED** 8/7/2013 SHEET

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. A(-2) SURF. ELEV

SHEET				SERVICES, INC.	G.W. DEPTH See Notes
PROJECT: BARKER CHEM		BARKER CHEMICAL	L SITE	LOCATION: 8473 W. SO	MERSET ROAD
PROJ.	PROJ. NO.: BEV-13-030 BARKE		BARKER, N	EW YORK	
DEPTH	PID		SOIL OR ROCK CLASSIFICATION		NOTES
FT.	READING	Brown Gray f-c SAN	D, some f-m Gravel, tr silt (mo	niet FILL)	
1			AY, little f-c Gravel, tr.sand (m		_
					Sample #1 Recovery 3.2'
2					_
		Becomes Stained Gr	ray, contrains tr ash		Sulphur odor noted on
3					Sample #1
4					Sample #2 Recovery 2.9'
		Pod Provin Clayov S	· · · · · · · · · · · · · · · · · · ·		Sample #2 Recovery 2.9
 5		(moist, ML)	ILT, little "carbon-like" nodule	es, occassional staining	_
_		(moist, will)			_
6					_
					_
7					Sample #3 Recovery 1.6'
		Gray Weathered SIL	TSTONE FRAGMENTS		-
8		Red Brown SILT, tr g	gravel (moist, ML)		
		Red Brown Silty CLA	Y, tr sand (moist, CL)		
9					_
					Collected samples at 2',
10					- 4', 6' and 8' for
		Gray Weather SILTS	STONE		analytical testing.
11			Refusal at 10.0'		_
					_
12					_
					_
13					_
14					_
''					_
 15					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	/PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	F INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		
i					

SHEET

STARTED FINISHED 8/5/2013 8/5/2013 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

A(-1)

G.W. DEPTH See Notes

PROJECT:	BARKER CHEMICAL SITE	LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.:	BEV-13-030	BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
_ 1		Gray f-m GRAVEL and f-c Sand (moist, FILL) Red-Brown Silty Clay, little f-c Gravel, tr.sand (moist, reworked)	
2		Gray Clayey Silt, little f-c Sand, ash-like laminations (moist, FILL, possible Sludge)	Sample #1 Recovery 3.3'
3		Red-Brown Clayey Silt, ash-like lamination (moist, FILL, possible Sludge)	Correla #0 December 0 Cl
5		Red-Brown to Brown SILT, little Fine Sand (moist, ML)'	Sample #2 Recovery 2.6'
6			
7		Red-Brown Weathered SILTSTONE, occasional Silty Clay seams, occasional Calcite precipitates	Sample #3 Recovery 2.7'
9			Collected samples at 2.8',
10			4.0', 6.0' and 8.0' for analytical testing.
12		Refusal at 11.2'	
13			
14			
16			

DRILLER: R. STEINER DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH S	SAMPLING		

 STARTED
 8/5/2013

 FINISHED
 8/5/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

A-0

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

DEPTH	PID	SOIL OR ROCK	NOTES
FT.	READING	CLASSIFICATION  Gray Brown f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL)	
		Red Brown Silty CLAY, tr gravel, tr coal (moist, FILL)	
1		Red Blown Silly CLAT, it graver, it coal (moist, FILL)	Sample #1 Recovery 3.1'
			_
2		Gray f-c GRAVEL, little f-c SAND, tr silt (moist, FILL, crusher run stone)	_
		Gray to White f SAND, some f-c Gravel, little Silt, tr wood (moist, FILL)	_
3			_
		Gray Clayey SILT, tr coal, occassional white laminations (moist, FILL, possible	
4		sludge)	_
		Brown Clayey SILT, tr sand (moist, ML)	Sample #2 Recovery 2.7'
5		Contains "and" f-c Sand (moist-wet)	_
			_
6		Brown SILT, some f Sand (moist-wet, ML)	_
7			
8			
		Red Brown Clayey SILT, tr sand (moist, ML)	Sample #3 Recovery 2.5'
9			
			_
10		Red-Brown Highly Weathered SILTSTONE	
			_
11			
			_
12		Refusal at 11.4'	Collected samples at
			2.3', 4', 6', 8' and 10' for
13			analytical testing.
14			
			_
15			
			_
16			<del></del>
DRILLER:	R. STEIN	IER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST
METHOD OF		<u> </u>	

STARTED **FINISHED**  7/10/2013 7/10/2013 1 OF

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE	ECT:	BARKER CHEMICAI	L SITE	LOCATION: 8473 W. SO	MERSET ROAD
PROJ.		BEV-13-030		BARKER, NI	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Brown Clayey SILT,	tr.sand, tr.organics (moist, FII	_L)	
1		Gray f-c GRAVEL, tr	.sand, tr.silt (moist, FILL)		Sample #1 Recovery 0.9'
2					_
					_
_ 3					_
					_
4		Gray Clayey SILT (m	soiot FULL		Comple #2 Deceyons 2 Cl
5			f-c Sand, tr.organics/ roots (r	moist FILL)	Sample #2 Recovery 2.6'
$\vdash$ $$ $\dashv$	``	+- <sup>-</sup>	e SAND, some Silt, tr.gravel (		╡
6			o o,,	,	_
7					
					_
8					_
					Sample #3 Recovery 3.0'
9					-
			sand, tr.clay (moist, ML)		-
10		Red-Brown-Gray We	eathered SILTSTONE		-
11					_
├ ''-					_
12			Refusal at 11.4'		Collected samples at
					6', 8', and 10' for analytical
13					testing.
14					
					_
15					
					_
16					
DRILLER:	A. KOS	KE DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		_

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 7/10/2013

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 7/10/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. A-2
SURF. ELEV
G.W. DEPTH See

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

DEPTH	PID	SOIL OR ROCK	NOTES
FT.	READING	CLASSIFICATION	
		Gray-Brown f-c GRAVEL, some f-c Sand, tr.silt (moist, FILL)	
1		Tan-Brown f-c SAND, tr.silt (moist, FILL)	
		Gray f-c Gravel, tr.organics/ roots (moist, FILL)	Sample #1 Recovery 1.3'
2			_
		Brown Clayey SILT, tr.gravel (moist, FILL)	_
3		Gray Fine Sand, tr.gravel, tr.silt (moist-wet, FILL)	_
		Red-Brown Fine Sand, some Silt, tr.coal (moist, FILL)	_
4			Sample #2 Recovery 1.5'
		Brown-Yellow Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, GW, possible	_
5	, , , , , , , , , , , , , , , , , , ,	FILL)	_
		Brown-Red Brown Fine SAND and Silt (moist, SM)	Sample #3 Recovery 3.6'
6		Contains tr.gravel	_
			_
7			<u> </u>
			_
8			_
		Dark Gray-Black SILT, tr.sand (moist, ML)	Sample #4 Recovery 1.9'
9		Red Brown-Gray Weathered SILTSTONE	_
	<u> </u>		_
10			_
			_
11		Refusal at 10.1'	Collected samples at
			4', 6', and 8' for analytical testing.
12			lesting.
13			$\vdash$
13			-
14			$\vdash$
14			
15			$\vdash$
<u> </u>			
16			_
DRII I ER:	A KOS	KE DRILL RIG TYPE- GEOPPORE 6620DT CLASSIFIED RY-	GEOLOGIST

DRILLER:	A. KOSKE	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF IN	VESTIGATION:	ASTM 6282 - DIRECT PI	USH SAMPLING			

STARTED **FINISHED**  7/10/2013 7/10/2013



SHEET		1 OF 1 ——		SERVICES, INC.	G.W. DEPTH See Notes	
PROJECT:		BARKER CHEMICAL	L SITE	LOCATION: 8473 W. SOMERSET ROAD		
PROJ.	NO.:	BEV-13-030 BARKER, N		BARKER, NI	EW YORK	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION			
		Dark Brown Clayey S	SILT, little f-c Sand, tr.organics	(moist, FILL)		
1		Gray f-c Gravel, tr.sa	and, tr.silt (moist, FILL)		_	
_		Brown Fine Sand, so	ome Silt, tr.brick (moist, FILL)		Sample #1 Recovery 1.4'	
<u> </u>		Brown-Pod Brown Fi	 ine SAND and Silt, tr.gravel (m		Sample #2 Recovery 1.7'	
3		Blown-Red Blown 11	ille SAND and Silt, II.graver (II	ioist, oivi)	Sample #2 Necovery 1.7	
					_	
4					_	
 5					_	
_ `_					Sample #3 Recovery 2.0'	
6					<u> </u>	
7		Red-Brown SILT, littl	e Fine Sand (moist, ML)		_	
_ ′ _					_	
8						
		Green Gray-Red Bro	wn Weathered SILTSTONE		Sample #4 Recovery 1.3'	
9					_	
10					_	
			Refusal at 9.5'		Collected Samples at	
11					4', 8', and 8.3' for	
12					analytical testing.	
13					_	
 14					_	
· ·						
15						
					_	
16						
DRILLER:	A. KOS	KE DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	

ASTM 6282 - DIRECT PUSH SAMPLING

METHOD OF INVESTIGATION:

STARTED **FINISHED** 

7/10/2013 7/10/2013



HOLE NO. SURF. ELEV

PROJECT:	BARKER CHEMICA	I SITE	LOCATION: 8473 W. SOI	MERSET ROAD
PROJ. NO.:	BEV-13-030	LOTTE	BARKER, NE	
DEPTH PID		SOIL OR ROCK		NOTES
FT. READI		CLASSIFICATION		
		SILT, little f-c Sand, tr.organics	/ roots (moist, topsoil)	_
1	Brown Clayey Silt, tr	.sand (moist, FILL)		_
	Tan Fine Sand, tr.sil			Sample #1 Recovery 3.2'
2		little Silt (moist, FILL)		_
	Brown-Gray Fine SA	ND, some Silt, tr.gravel (moist	, SM)	
3				_
				_
4				Sample #2 Recovery 3.0'
_ —				_
5				_
6	Gray-Red Brown We	eathered SILTSTONE		Limestone cobble fragments present on TUR
				_
7				_
				Comple #2 Deceyany 2.2!
8				Sample #3 Recovery 2.3'
9				_
9				_
10				_
<del></del>				_
11		Refusal at 10.2'		Collected samples at
<del></del>		Norwall at 10.2		2', 4', and 5.6' for analytical
12				testing.
				_
13				
14				
15				
16				
DDII I ED. A.	OOKE DRILL BIG TO	/DE: CEODDORF ccappt	OL ADDIELED BY	CEOLOGIST
DRILLER: A. METHOD OF INVES	OSKE DRILL RIG T	/PE: GEOPROBE 6620DT  DIRECT PUSH SAMPLING	_ CLASSIFIED BY:	GEOLOGIST

STARTED **FINISHED**  7/10/2013 7/10/2013



SHEET	-	1 OF 1	SERV	ICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICAL	LOCATION: 8473 W. SOMERSET ROAD		
PROJ.		BEV-13-030		BARKER, NE	-
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
FI.	READING	Brown Clayey SILT, 1	tr.sand, tr.organics/ roots (moist, topsoil)		
1		Contains little Fine S			_
		Brown Fine SAND ar	nd Silt (moist, ML)		Sample #1 Recovery 3.4'
2		Becomes Light Gray,	Contains little Silt		
3		Becomes Gray, Cont	ains some Silt		_
					_
4					Sample #2 Recovery 2.6'
 5					_
_ ~ _					_
6					_
7		Grav f-c GRAVEL so	ome Fine Sand, little Silt (moist, wet, GW)		
					_
8		Gray-Red Brown We	athered SILTSTONE		_
_					Collected complex at
9			Probe Complete at 8.0'		Collected samples at 2', 4', 6', and 6.9' for
10					analytical testing.
' -					
11					
12					_
					_
13					_
					$\vdash$
14					_
15					_
16					
DRILLER:	A. KOS	KE DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ASTM 6282 - F	DIRECT PUSH SAMPLING		

DRILLER:	A. KOSKE	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT PU	JSH SAMPLING			

 STARTED
 7/10/2013

 FINISHED
 7/10/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV G.W. DEPTH

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

DEPTH	PID	SOIL OR ROCK	NOTES
FT.	READING	CLASSIFICATION	
		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
1 <u></u>		Brown Clayey Silt, little Fine Sand (moist, FILL)	_
		Red-Brown Fine SAND, some Silt, tr.organics/ roots (moist, SM)	Sample #1 Recovery 3.0'
2		Contains Fine Gravel seam at 1.5'	
		(moist-wet)	
3		Becomes Gray, Contains "and" Silt	
4			Sample #2 Recovery 2.1'
			_
5			_
<b>_</b>			_
6	1		_
—		Red-Brown SILT, tr.gravel, tr.sand (moist, SM)	_
7	-	Green Gray-Red Brown Weathered SILTSTONE	_
_ ′ _		Stock Stay fred Blown Wednisted SILTOTONE	_
8			_
_ ° _			
9		Probe Complete at 8.0'	Collected samples at
_		Probe Complete at 6.0	2', 4', 6.4' for
10			analytical testing.
10			analytical testing.
			_
11			_
			_
12			_
			_
13			_
			_
14			_
			_
15			_
			_
16			

DRILLER:	A. KOSKE	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT PL	ISH SAMPLING		

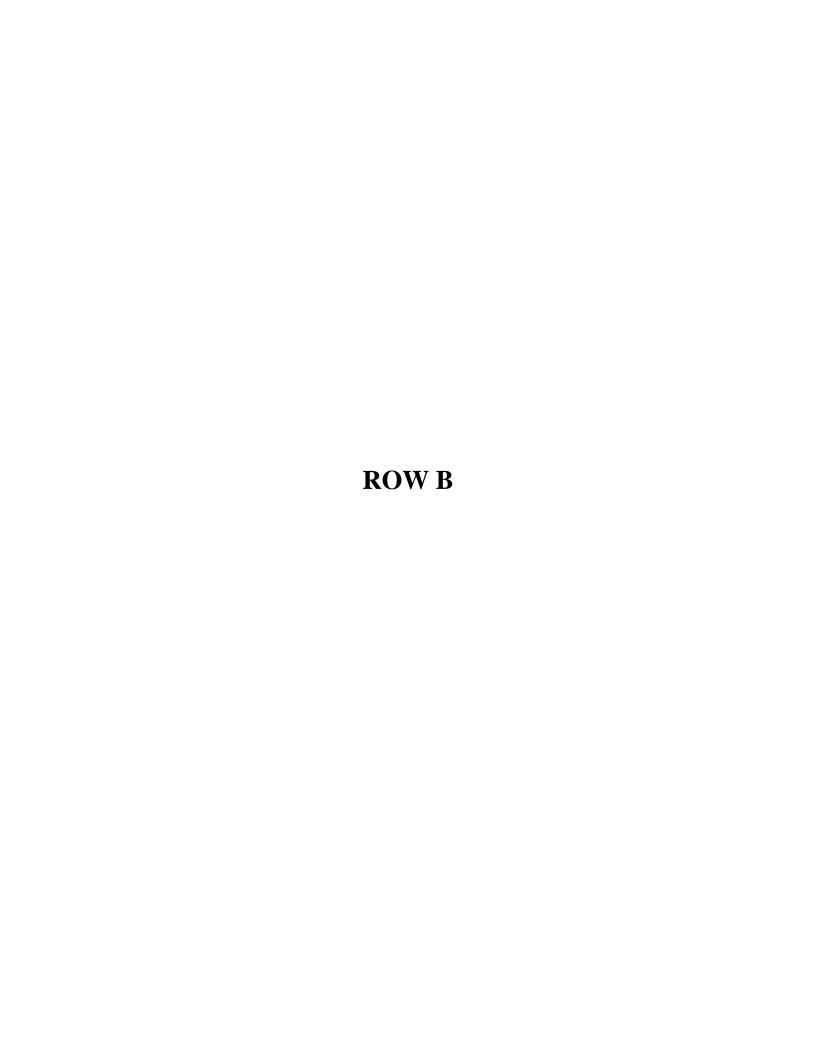
STARTED **FINISHED**  7/10/2013 7/10/2013 1 OF

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJECT: PROJ. NO.:		BARKER CHEMICAL SITE LOCATION: 8473 W. SOM BEV-13-030 BARKER, NE			
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION			NOTES
1		Dark Brown Clayey S	SILT, tr.sand, tr.organics/ roots	(moist, topsoil)	_
		Tan Silty CLAY, tr.sa			Sample #1 Recovery 3.3'
2		Brown-Red Brown Fi (moist)	ne SAND, some Silt, tr.gravel	(moist-wet, SM)	-
3		,			_
4					Sample #2 Recovery 2.2'
 5		Brown SILT, little Fin	e Sand (moist, ML)		_
		Contains little f-c Gra			
6		Gray-Red Brown We	eathered SILTSTONE		
7			Refusal at 6.0'		Collected samples at  2', 4', and 5.4' for
8					analytical testing.
9					-
40					_
10					_
11					-
12					
13					_
					-
15					-
16					
DRILLER:	A. KOS			_ CLASSIFIED BY:	GEOLOGIST
METHOD OF	- INVESTIGA	AS IM 6282 - I	DIRECT PUSH SAMPLING		-



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8/7/2013 **STARTED FINISHED** 8/7/2013

METHOD OF INVESTIGATION:

ASTM 6282 - DIRECT PUSH SAMPLING



SHEET	•	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes	
PROJE	-CT·	BARKER CHEMICAI	L _ SITE LOCATION: 8473 W. SOI	MERSET ROAD	
PROJ.		BEV-13-030	BARKER, NEW YORK		
DEPTH	PID		SOIL OR ROCK	NOTES	
FT.	READING		CLASSIFICATION	NOTES	
	KEADING	Gray Prown f a SANI	D, little f Gravel, tr silt (moist, FILL)		
1			tle f-c Sand, tr silt (moist, FILL, crusher run stone)		
		Red Brown Silty CLA	Y, tr sand (moist, FILL)	Sample #1 Recovery 3.5'	
2				_	
3		Gray f SAND, some sludge)	Silt, occassional white laminations (moist, FILL, possible	Dark gray staining notedon possible sludge	
_		oldago)		<u> </u>	
4		Black SILT, little f-c (	Gravel, little f-c Sand (moist, FILL)	Sulphur odor noted near bottom of Sample # 1	
		-	AVEL, some f-c Sand, tr silt, tr ash (moist, FILL0	_	
 5				_	
				_	
6				Sample #2 Recovery 3.1'	
		Brown to Red Brown			
7					
		Red Brown SILT, littl	e f Sand (moist, ML)	_	
8					
		Red Brown to Gray H	lighly Weathered SILTSTONE	Sample #3 Recovery1.4'	
9		Red Brown Weather	ed SILTSTONE, occassional silty clay seams, occassional		
		"grout" deposits, occ	assional staining	Collected samples at 2',	
10				4' and 6' for analytical	
			Refusal at 9.7'	testing	
11				_	
_ ` _				_	
12				_	
'				_	
13				_	
				_	
14					
15					
16					
	D OTEIN	IED DOIL BIG TV	PE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST	
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST	

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8/6/2013 STARTED 8/6/2013 **FINISHED** 

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. B(-1) SURF. ELEV

SHEET		1 OF 1	SERVICE	ES, INC.	G.W. DEPTH See Notes	
PROJECT:		BARKER CHEMICAI	l L SITE LOCATION: 8	3473 W. SON	MERSET ROAD	
PROJ. NO.:		BEV-13-030 BARKER, N				
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION			NOTES	
	TV271211TO	Gray Brown f-c SANI	Gray Brown f-c SAND, little f Gravel, tr silt (moist, FILL)			_
1		Gray f-c GRAVEL, lit	tle f-c Sand, tr silt (moist, FILL, crusher run stor	ne)	Sample #1 Recovery 3.4'	
		Red Brown Silty CLA	Y, tr gravel, tr sand (moist, FILL)			
2		,				
		Becomes Brown				
3						
		Black SILT, frequent	white laminations (moist, FILL, possible sludge	e)	Gravel size slag present on	
4		sludge)			top of black silt	
		Red Brown Clayey S	ILT, tr gravel, minor staining noted (moist, ML)			
5					Sulfur odor noted on black	
					silt	
6						
		Red Brown f SAND,	some Silt (moist, SM)		Sample #2 Recovery 2.3'	
7		Red Brown Clayey S	ILT, tr sand (moist, ML)			
8		 				
		Red Brown Weather	ed SILTSTONE			
9						_
			Refusal at 8.4 feet			_
10						
						_
11						_
					Calle stad a a sanla a at	_
12					Collected samples at	_
					2, 4', 6' and 8' for analytical testing.	$\dashv$
13					analytical testing.	4
					-	_
14						_
						_
15						_
 16					-	
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT C	LASSIFIED BY:	GEOLOGIST	_
METHOD OF			DIRECT PLISH SAMPLING		0202001	

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 8/5/2013

 FINISHED
 8/5/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV G.W. DEPTH

B0
See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

DEPTH	PID	SOIL OR ROCK	NOTES	
FT.	READING	CLASSIFICATION  Process ( a CANID Little Occasion to all to facility for the facility for t		
		Brown f-c SAND, little Organics, tr.silt (moist, FILL)		_
1				_
		Black to Brown f-c Sand, some f-c Gravel, little Clayey Silt, tr.organics, tr.brick,	Sample #1 Recovery 3.3'	
2		tr.cinders, tr.slag (moist, FILL)	Sulfur odor noted on	
		White to Gray f-c Sand, tr.gravel, tr.silt (moist, FILL)	Sample #1	
3		, Becomes Brown		•
_ ` —		Gray to Brown Clayey Silt, ash-like laminations (moist, FILL, possible sludge)		
4		Gray to Brown Clayey SILT, occasional f-c Sand laminations (moist-wet, ML)	Sample #2 Recovery 2.5'	
_		Brown to Red-Brown SILT, little Fine Sand (moist, ML)	Sample #2 Recovery 2.5	
_ —		brown to Ned-brown Siet, little i line Sand (moist, lite)		
_ 5				
6				ı
7		Gray SILT, some Fine Sand (moist, ML)	Sample #3 Recovery 0.4'	
		Stay Start, Some Fine State (11888; May		
8		Red-Brown SILTSTONE, occasional Silt seams		
9		Refusal at 8.4'		
10				
_ · · —				
11				
_ ''				
			Collected complex at 1.0	
12			Collected samples at 1.8',	
			3.0', 6.0' and 8.0' for	
13			analytical testing.	
14				
15				
16				
	l			

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	S. BOHENEK	
METHOD O	F INVESTIGATION:	ASTM 6282 - DIRECT P	PUSH SAMPLING			

STARTED **FINISHED**  7/12/2013 7/12/2013



SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJI PROJ.		BARKER CHEMICAL BEV-13-030	_ SITE	_LOCATION: <u>8473 W. SOI</u> BARKER, NE	
	1	BE V-13-030	OOU OR BOOK	DARREIT, INC	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Gray-Lt. Gray f-c SA	ND, some f-c Gravel, tr.silt (me	oist, FILL)	
1		Black Silt, little f-c Sa	and, little Fine Gravel, little org	anics (moist, FILL)	_
			ccasional Fine Sand lamination		Sample #1 Recovery 3.3'
2		-			
					_
3					
4		Brown Fine SAND, s	ome Silt (moist, SM)		Sample #2 Recovery 3.0'
					_
5					_
					_
6					_
					_
7			e Gravel, little Fine Sand (mois	st, ML, sufur odor)	_
		Red-Brown SILT (mo	•		_
8		Gray-Red Brown We	athered SILTSTONE		_
					Callagted complex at
9			Probe Complete at 8.0	)'	Collected samples at 2', 4', 6', and 6.9' for
10					analytical testing.
<u> </u>					analytical testing.
11					_
<del></del>					_
12					_
'					_
13					_
	1				
14					_
					_
15					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF			DIDECT DI ISH SAMDI ING	<del>_</del>	

STARTED **FINISHED** 

7/12/2013 7/12/2013



SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE PROJ.		BARKER CHEMICAL BEV-13-030	L SITE	LOCATION: 8473 W. SOI BARKER, NE	
	ı	DE V-13-030	COIL OR DOCK	DARREIX, NE	T
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Black f-c SAND, little	Fine Gravel, tr.silt (moist, FILL	, Possible Cinders)	
1		Dark Brown Clayey S	Silt, tr.cinders, tr.brick (moist, FI	LL)	_
			d, little Clayey Silt, tr.gravel, tr.		Sample #1 Recovery 3.0'
2		seams (moist, FILL)		·	
		,			_
3		Brown Fine SAND, s	ome Silt, tr.gravel (moist, SM)		
4					Sample #2 Recovery 2.2'
					_
5					_
		Becomes Gray			
6			gravel, tr.sand (moist, ML)		_
					_
7		Red Brown-Gray We	athered SILTSTONE		_
					_
8			Refusal at 7.0'		Collected samples at
					2', 4', and 6' for
9					analytical testing.
					_
10					_
11					_
					_
12					_
13					_
14					_
15					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF			DIRECT DUSH SAMDLING	CLASSII ILD BT.	<u> </u>

SHEET

STARTED FINISHED

7/12/2013 7/12/2013

1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

<u>D-0</u>

G.W. DEPTH See Notes

PROJE	ECT:	BARKER CHEMICAL SI	ITE LOCATION	: 8473 W. SON	MERSET ROAD
PROJ.	NO.:	BEV-13-030		BARKER, NE	W YORK
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Black f-c SAND, little Fir	ne Gravel, tr.silt (moist, FILL)		
1		Dark Brown Clayey Silt,	little Fine Sand (moist-wet, FILL)		
		Light Brown f-m Sand, lit	ttle Silt, tr.wood (moist, FILL)		Sample #1 Recovery 3.0'
2					_
		Red Brown-Brown Fine	SAND, some Silt, tr.gravel (moist, SM)		
3					_
4		0			Sample #2 Recovery 2.1'
		Contains little f-c Gravel			
5					_
_		D D O	I'vi O'i		_
6		Becomes Brown, Contai	ns little Slit		_
7		Red Brown-Gray Weath	ered SILTSTONE		_
_ ′ —		-			_
 8			Refusal at 7.0'		Collected samples at
					2', 4', and 6' for
9					analytical testing.
10					
11					_
					_
12					_
<del></del>					<u> </u>
13					_
					_
14					<del>-</del>
 15					$\vdash$
					_
 16					
DRILLER:	R. STEIN	ER DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
				CERCON IED D1.	323200101
METHOD OF	- INVESTIGA	AS IM 6282 - DIRE	CT PUSH SAMPLING		

STARTED **FINISHED**  7/12/2013 7/12/2013



SHEET		1 OF 1	SERVICES, II	G.W. DEPTH See Notes	
DDO II	CT.	BARKER CHEMICAI		/ COMEDCET DOAD	
		BEV-13-030			
DEPTH	PID		NOTES		
FT.	READING		SOIL OR ROCK CLASSIFICATION	110.120	
		Black SILT, little f-c S	Sand, tr.clay, tr.organics (roots, moist, topsoil)		
1		Brown Clayey SILT,	tr.sand (moist, ML, Possible FILL)		
		Brown-Red Brown Fi	ne SAND, some Silt, tr.gravel (moist, SM)	Sample #1 Recovery 3.1'	
2					
3					
4				Sample #2 Recovery 2.1'	
		Contains occasional	moist-wet seams		
5					
6					
			Probe Complete at 5.8'	Collected samples at	
7				2', 4', and 6' for	
				analytical testing.	
8					
—					
9					
<u> </u>					
10				_	
10					
11					
— ''—					
12				_	
12				_	
12					
13				_	
				_	
14				-	
45				-	
15				-	
				-	
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFI	ED BY: GEOLOGIST	
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		

STARTED **FINISHED**  7/10/2013 7/10/2013



SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICA	SITE	LOCATION: 8473 W. SOI	MEDSET DOAD
PROJ.		BEV-13-030	_ SITE	BARKER, NE	-
DEPTH	PID		SOIL OR ROCK	-	NOTES
FT.	READING		CLASSIFICATION		
			SILT, little Fine Sand (moist, top	·	
1		Gray-Brown Silty Cla	y, little Fine Sand, tr.roots (moi	st, CL, possible FILL)	<u> </u>
		Brown Clayey SILT,	little f-c Sand, tr.roots (moist, M	L)	Sample #1 Recovery 2.7'
_ 2					_
		Red Brown-Brown Fi	ne SAND, some Silt, tr.gravel (	moist, SM)	_
3					_
					_
4					Sample #2 Recovery 3.0'
					_
5					_
					_
6					Discharation and all 0.51
		Becomes Gray, Conf	ains little Fine Gravel		Black staining noted at 6.5'
7		O D-   D W-	ath and AU TOTONE		] _
		Gray-Red Brown We	athered SILTSTONE		_
8					_
					_
9			Probe Complete at 8.0'		Collected samples at
					2', 4', 6.4' for
10					analytical testing.
					_
11					_
					_
12					_
13					_
14					_
					_
<b></b> 15					
					_
16					
DRILLER:	A. KOS	KE DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		

STARTED **FINISHED**  7/10/2013 7/10/2013



SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-от.	BARKER CHEMICAI	CITE	LOCATION: 0470 M. COL	AEDOET DOAD
PROJ.		BEV-13-030	L 311E	LOCATION: <u>8473 W. SOI</u> BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
			SILT, tr.sand, tr.organics (moist	, topsoil) 	_
1		Brown Silty CLAY, lit	tle Fine Sand (moist, CL)		_
		Tan Clayey SILT, tr.s			Sample #1 Recovery 3.2'
2		Red-Brown Fine SAN	ND, some Silt, tr.gravel, occasion	onal moist-wet seams	_
		(moist, SM)			_
3					_
4					Sample #2 Recovery 1.0'
					_
5					_
6		Dod Brown CII T littl	e f-c Gravel, little Fine Sand (n		_
_		Rea-blown Sill, iitti	e i-c Graver, illile Fine Sand (n	ioist, iviL)	-
7			Refusal at 6.3'		Collected samples at
_ ′ _			Neiusai at 0.5		
8					2', 4', and 6' foranalytical testing.
<u> </u>					analytical testing.
9					_
—					_
10					_
					_
11					_
12					
					_
13					
14					_
15					
16					
DRILLER:	A. KOS	KE DRILL RIG TY	PE: GEOPROBE 6620DT	_ CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTICA	ACTM 6202 I	DIDECT DI ISH SAMDI ING		

STARTED 7/10/2013 FINISHED 7/10/2013 1 OF 1 SHEET

### SJB SERVICES, INC. DIRECT PUSH LOG



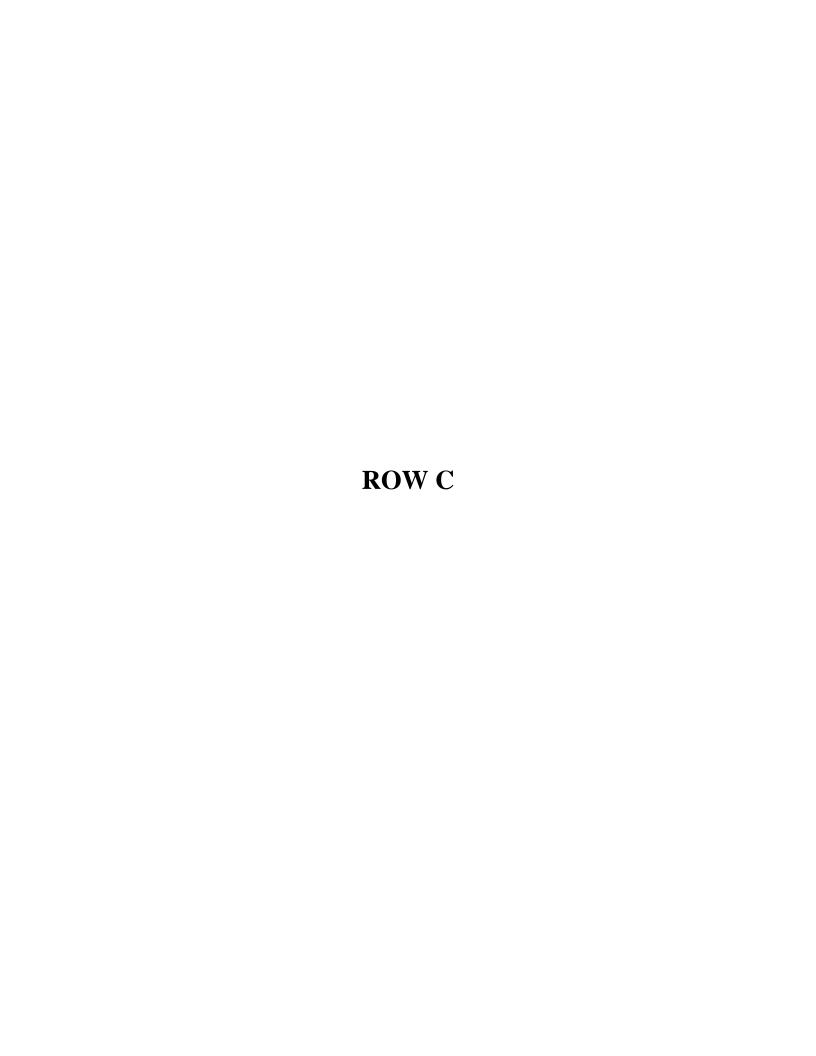
HOLE NO. SURF. ELEV G.W. DEPTH See Notes

B-7

PROJECT:	BARKER CHEMICAL SITE	LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.:	BEV-13-030	BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
		Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (mosit, topsoil)		
1		Brown Silty CLAY (moist, CL)	- – –	
		Brown Clayey SILT, some Fine Sand (moist, ML)	Sample #1 Recovery 3.3'	_
2		Gray f-c GRAVEL (moist, GW / Possible Cobble fragments)	. – –	_
	-	Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist, SM)		_
_ 3				-
				-
_ 4		Becomes Brown	Sample #2 Recovery 2.4'	
		Decomes brown		-
5				
6		Red-Brown SILT, little f-m Gravel (moist-wet, ML)		
– ° –		Gray-Red Brown Weathered SILTSTONE		
7	-	Refusal at 6.4'	Collected samples at	
			2', 4', and 5.8' for	
8			analytical testing.	
_				
9				
10				
_ 11				
12				
13				
	_			
14				
	_			
15	-			
	1			

DRILLER: A. KOSKE	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVESTIGATION:	ASTM 6282 - DIRECT F	PUSH SAMPLING			



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 STARTED
 8/7/2013

 FINISHED
 8/7/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

C(-2)

G.W. DEPTH

See Notes

PROJ			B W. SOMERSET ROAD
PROJ.	. NO.:	BEV-13-030 BAR	KER, NEW YORK
DEPTH	PID	SOIL OR ROCK	NOTES
FT.	READING	CLASSIFICATION	
		Brown Gray f-c SAND, little f-c Gravel, tr silt (moist, FILL)	<u> </u>
1		Brown Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run	stone)
		Red Brown Silty CLAY, tr sand (moist, FILL)	Sample #1 Recovery 3.0'
2		Contains little f-c Gravel	'
	1		Sulphur odor noted on
3	-		Sample #1
<b>—</b>	1		Sample #1
	1		
4	-	Black to Red Brown f-c GRAVEL, little f-c Sand, tr silt (moist, FILL)	Sample #2 Recovery 2.7'
	-	Brown f SAND, some Silt, tr gravel, occassional moist-wet laminations	_
5	4	(moist, SM)	_
	_		_
6			<u> </u>
			<u> </u>
7			Sample #3 Recovery 0.2'
		Red Brown SILT, little f Sand, tr gravel (moist, ML)	
8		Red Brown Weathered SILTSTONE	
		Refusal at 8.4'	
9	1		_
	1		Collected samples at 2',
10	-		4' and 6' for analytical
'			testing
 11	_		
'''	-		_
	-		_
12	-		_
	4		_
13	1		_
	_		_
14	1		_
			_
15			
16			_
DDII :	D 0===:	NED DIVINE OFFICE OFFICE OFFI	
DRILLER:	R. STEI	NER DRILL RIG TYPE: GEOPROBE 6620DT CLASS	SIFIED BY: GEOLOGIST
METHOD O	F INVESTIG	ATION: ASTM 6282 - DIRECT PUSH SAMPLING	

SHEET

STARTED FINISHED 8/6/2013 8/6/2013 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV C(-1)

G.W. DEPTH See Notes

PROJECT:	BARKER CHEMICAL	SITE	LOCATION: 8473 W. SOMERSET ROAD	
PROJ. NO.:	BEV-13-030		BARKER, NEW YORK	_

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
	KLADING	Brown-Gray f-c SAND, tr.gravel, tr.silt (moist, FILL)		
1	-	Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.7'	_
<u> </u>	1	Red-Brown Silty Clay, tr.sand (moist, FILL)	Campio #1 Hosevery cir	_
2	-			
<del>                                     </del>	1			
3	-			
$\vdash$ $$ $\vdash$	1	Dark Gray Clayey Silt, little f-c Sand, tr.gravel, tr.ash-like laminations		
4	-	(moist, FILL, possible Sludge)		-
<b>├</b> ¯ ─		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 3.1'	
5	-		Sample #2 Recovery 5.1	_
—	1	Becomes moist-wet		_
6	-			-
<b>—</b> ~ —	1			_
7	-			-
<del>  ' -</del>	1	Black Staining noted at 7.3'		_
8	-			-
$\vdash$ $$ $\vdash$		Red-Brown Weathered SILTSTONE	- — Sample #3 Recovery 0.4'	_
9	†			_
	1	Refusal at 8.7'		_
10	1			
	1		Collected samples at 3',	
11			6' and 7.3' for analytical	
	1		testing	
12			lissuing	
	1			
13	1			
	1			
14	1			
	1			
15	1			
	1			
16	1			
			•	

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK	
METHOD OF	F INVESTIGATION:	ASTM 6282 - DIRECT PI	USH SAMPLING			

STARTED 7/12/2013 FINISHED 7/12/2013 1 OF 1 SHEET

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV G.W. DEPTH See Notes

PROJECT:	DADKED CHEMICAL	CITE	LOCATION: 8473 W. SOMERSET ROAD	_
PROJECT.	BARKER CHEMICAL	SILE	LOCATION. 8473 W. SOWERSET ROAD	
PROJ. NO.:	BEV-13-030		BARKER, NEW YORK	

FROJ.	NO	DEV-13-030 DARKER, INC	IV TORK	_
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
		Red-Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)		
		Red-Brown Silt, some f-c Gravel, occasional Fine Sand seams (moist, FILL)		_
<u> </u>		Trea-blown oilt, some 1-6 Graver, occasional i life Gand Seams (moist, i ille)		_
			Sample #1 Recovery 2.6'	_
_ 2				
3		Dark Brown f-m Sand, little Clayey Silt, tr.organics/ roots (wet, FILL)		
4			Sample #2 Recovery 1.7'	_
		Brown Silt, little f-c Sand (wet, FILL)	Sample #2 Necovery 1.7	_
	1			_
5		Black Silty Clay, little f-c Sand, tr.wood (wet, FILL)		_
		Concrete fragments (moist, FILL)		
6			+	
		Refusal at 5.7'	Collected sample at	
7			4.4' for analytical testing.	
<b>⊢</b> ′ <b>−</b>			1.4 for analytical teeting.	-
				_
8				
9				
10				-
10				_
				_
11				
12				
				$\dashv$
13				$\dashv$
				_
14				
15				
<del>-</del> '~				-
				$\dashv$
16				

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT P	PUSH SAMPLING			

STARTED **FINISHED** 

METHOD OF INVESTIGATION:

ASTM 6282 - DIRECT PUSH SAMPLING

7/12/2013 7/12/2013



SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICA	l SITF I	OCATION: 8473 W. SOI	MERSET ROAD
PROJ.				BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Gray f-c SAND, tr.gr	avel, tr.silt (moist, FILL)		
1		Red-Brown Silt, tr.gr	avel, tr.sand, tr.brick (moist, FILL	)	
_		_	k Brown, Contains tr.wood	,	Sample #1 Recovery 3.6'
2		Booting Brown Ba	K Brown, Comains inwood		
		 Light Brown-Gray Fir	ne SAND, little Silt, tr.gravel (moi	 st. SM. Possible FILL)	<del> </del>
		g		si, e, . eee.e.e <u>==</u> /	_
3					_
_					_
_ 4 _					Sample #2 Recovery 3.1'
			ome Silt, tr.gravel, occasional f-r	n Gravel seams (moist,	_
5		SM)			_
		Becomes Red Brown	n-Gray		
6					
7					Sample #3 Recovery 1.1'
		Red SILT, tr.gravel,	tr.sand, occasional Silty Fine Sar	nd seams (moist, ML)	_
8					_
_ ^ _		Red Brown-Brown C	 layey SILT, some Fine Sand (we		-
_		Rea Blown-Blown C	layey oich, some i me oand (we	t, IVI∟ <i>)</i>	_
_ 9 _					_
		Red-Brown Weather	ed SILTSTONE		_
10					_
			Refusal at 9.6'		Collected samples at
11					2', 4', 6', 8', and 8.8' for
					analytical testing.
12					
13					_
— ·ŏ—					_
14					_
'4					-
					_
15					_
					_
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST

 STARTED
 8/5/2013

 FINISHED
 8/5/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. GURF. ELEV G.W. DEPTH

C1
See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	Adjacent to well location Bo
1		Brown Silt, tr.sand, tr.brick, tr.roots (moist, FILL)	
		Brown f-c Gravel, some Fine Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.4'
2		Brown Fine Sand, little Clayey Silt, tr.wood (moist-wet, FILL)	
		Dark Brown to Brown Clayey Silt, tr.brick, tr.ash (moist, FILL)	
3		Brown SILT, little Fine Sand (moist, ML)	
4		s	
		Brown Fine SAND, some Silt (moist-wet, SM)	Sample #2 Recovery 2.4'
5		Brown to Gray SILT, some Fine Sand (moist-wet, ML)	
6			
7			
		Black Staining noted at 7.4'	
8			
		Red-Brown Highly Weathered SILTSTONE	Sample #3 Recovery 1.4
9			
10		Refusal at 9.4'	
			Collected samples at 2',
11			4', 6' and 7.3' for analytical
			testing
12			
13			
14			
15			
16			

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK	
METHOD O	- INVESTIGATION:	ASTM 6282 - DIRECT P	USH SAMPLING			

STARTED FINISHED 7/12/2013 7/12/2013



SHEET	•	1 OF 1 SERVICES, INC.	G.W. DEPTH See Notes
PROJE	ECT:	BARKER CHEMICAL SITE LOCATION: 8473 W. SON	MERSET ROAD
PROJ.		BEV-13-030 BARKER, NE	
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey SILT, tr.sand (moist, topsoil)	
1		Contains tr.gravel	
		Dark Brown-Brown f-c Sand, little Fine Gravel, little Clayey Silt (moist-wet, FILL)	Sample #1 Recovery 2.6'
2			
		Light Brown-Tan Fine SAND, some Silt, tr.gravel (moist, SM)	
3		g(,	
4			Sample #2 Recovery 2.3'
			_
5			_
_ ` _		Becomes Brown, Contains "and" Silt (moist-wet)	_
6	/	Red-Brown SILT (moist, ML)	_
_ ` _	//	Weathered Red-Brown SILTSTONE	_
7		Wednesd Ned Brown dietotone	_
<u> </u>		Refusal at 6.9'	Collected samples at
8		Notusal at 0.5	2', 4', and 6' for
—			analytical testing.
9			analytical testing.
_			-
10			_
'0			$\vdash$
11			-
— ''—			-
12			-
'^			-
13			_
'3			-
1.1			-
14			<del>-</del>
15			_
15			-
16			$\vdash$
16			
DRILLER:	R. STEIN	NER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - DIRECT PUSH SAMPLING	

STARTED **FINISHED**  7/12/2013 7/12/2013 1 OF

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET	-	1 OF 1	SERVICES, IN	G.W. DEPTH See Notes
PROJE	=CT·	BARKER CHEMICAI	 L SITE LOCATION: 8473 W	SOMERSET ROAD
PROJ.		BEV-13-030		R, NEW YORK
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Black Clayey SILT, li	ttle f-c Sand, tr.gravel, tr.organics/ roots (moist, topso	il)
1		Dark Brown-Brown C	Clayey Silt, little Fine Sand, little Fine Gravel (moist, M	L)
				Sample #1 Recovery 3.0'
2			ome Silt, little Fine Gravel, tr.roots, occasional Silt	_
		laminations (moist, S	M)	
3				_
4		Becomes Red Browr	n-Brown	Sample #2 Recovery 1.9'
5				_
_ ~				Water present on top of
6		Red-Brown Weather	ed SILTSTONE	Sample #2.
				_
7			Refusal at 6.2'	Collected samples at
				2', 4', and 6' for
8				analytical testing.
				_
9				
				_
10				_
 11				_
<del></del>				_
12				_
				_
13				
14				
				_
15				_
				_
16				
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIE	ED BY: GEOLOGIST
METHOD OF	INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING	

**STARTED** 7/12/2013 **FINISHED** 7/12/2013 SHEET 1 OF

### SJB SERVICES, INC. **DIRECT PUSH LOG**



HOLE NO. SURF. ELEV

G.W. DEPTH

See Notes

PROJECT: LOCATION: 8473 W. SOMERSET ROAD BARKER CHEMICAL SITE

PROJ. NO.: BEV-13-030 BARKER, NEW YORK DEPTH SOIL OR ROCK NOTES PID FT. READING **CLASSIFICATION** Dark Brown Clayey SILT, little Fine Sand, little organics (moist, topsoil) Dark Brown Fine Sand, tr.clayey Silt, tr.cinders (moist, FILL) Dark Brown Clayey SILT, little Fine Gravel, little Fine Sand (moist-wet, ML, Sample #1 Recovery 3.4' Possible FILL) 2 3 Tan-Brown Fine SAND, some Silt, tr.gravel (moist, SM) Sample #2 Recovery 2.7 5 Gray Weathered DOLOSTONE Water present on top of Sample #2 Red-Brown SILT, tr.gravel, occasional Fine Sand seams (moist, ML) Green-Gray Weathered SILTSTONE Collected samples at Refusal at 6.8' 2', 4', and 6' for analytical testing. 10 11 12 13 14 15 16

DRILLER: R. STEINER DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH S	SAMPLING		

 STARTED
 7/12/2013

 FINISHED
 7/12/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

C-5

G.W. DEPTH See Notes

PROJECT: BARKER CHEMICA		BARKER CHEMICAL SITE	LOCATION: 8473 W. SON	MERSET ROAD	
PROJ. NO.:		BEV-13-030	BARKER, NE	BARKER, NEW YORK	
		COUL OR BOOK		NOTES	
DEPTH	PID	SOIL OR ROCK		NOTES	
FT.	READING	CLASSIFICATION			

FT.	READING	CLASSIFICATION	
		Dark Brown Clayey SILT, little f-c Sand, tr.organics (moist, topsoil)	
1		Brown-Red Brown f-c Sand, little Clayey Silt, little Fine Gravel, tr.roots	
		(moist-wet, FILL)	Sample #1 Recovery 3.2'
2		Brown-Red Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	<u> </u>
			_
3			_
			_
4			Sample #2 Recovery 1.8'
			<del> </del>
5		Red-Brown SILT, occasional Fine Sand seams (moist, SM)	_
			_
6		Red-Brown Weathered SILTSTONE	Water present on top ofSample #2
_ —	-	Refusal at 6.1'	
7		iverusar at 0.1	Collected samples at 2', 4', and 5.6' for
_			analytical testing.
8	-		analytical testing.
9			_
<u> </u>			<del>-</del>
10	-		_
' -			_
11	-		_
			_
12			
			_
13			
			_
14			_
	-		_
15			_
16			

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT PU	SH SAMPLING		

STARTED **FINISHED**  7/12/2013 7/12/2013



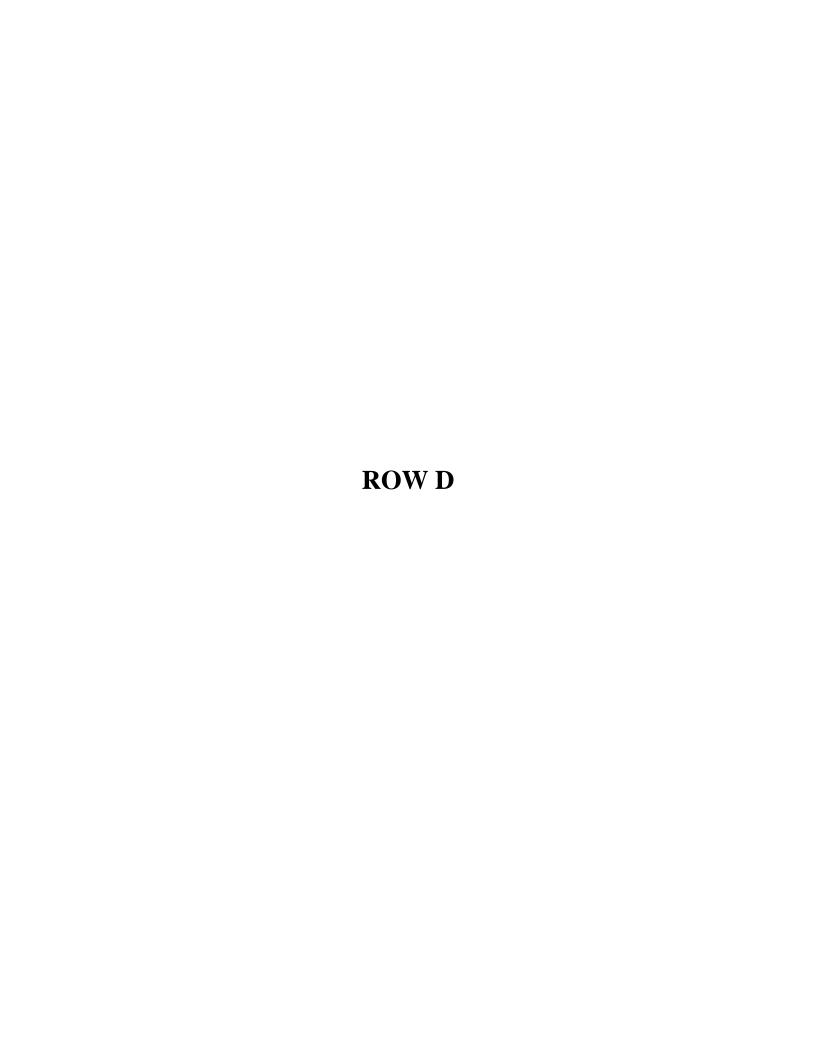
HOLE NO. C-6 SURF. ELEV

SHEET		1 OF 1 ——		SERVICES, INC.	G.W. DEPTH See Notes			
PROJECT:		BARKER CHEMICAL SITE LOG		LOCATION: 9472 W. SO	CATION: 8473 W. SOMERSET ROAD			
PROJECT: PROJ. NO.:		BEV-13-030 BARKER, N						
DEPTH	PID		SOIL OR ROCK		NOTES			
FT.	READING		CLASSIFICATION					
		Dark Brown Clayey S	SILT, tr.sand, tr.organics/ roots	(moist, topsoil)	_			
1		Black-Dark Brown f-o	_					
					Sample #1 Recovery 3.0'			
2		Brown Fine SAND, s	_					
					_			
3					_			
					_			
4		Contains occasional	moist-wat saams		Sample #2 Recovery 1.8'			
		Contains occasional	moist wet seams		_			
_ 5 _					<u> </u>			
		Green Grav-Red Bro	wn Weathered SILTSTONE		Water present on top ofSample #2			
6			Refusal at 5.8'		Collected samples at			
7			Neiusai at 5.0		2', 4', and 5' for			
<del> </del>					analytical testing.			
8					—			
— ° —					_			
9					_			
					_			
10					_			
					_			
11					_			
					_			
12					_			
13								
14								
15								
16								
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST			
	METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING							

STARTED 7/12/2013 7/12/2013 **FINISHED** 



PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD BARKER, NEW YORK  DEPTH PID READNO CLASSIFICATION  DEPTH PID BLAST BOWN Clays SILT, little organics, tr. sand (moist, topsoil)  Black f-c Sand, little Silt, tr.gravel, tr.roots (moist, CL.P. Desible FILL)  Dark Brown Silty CLAY, tr.roots (moist, CL.P. Dessible FILL)  Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)  3 Becomes Brown  Sample #1 Recovery 2.5'  Red Brown-Gray Weathered SILTSTONE  Refusal at 5.4'  Collected samples at 2, 4', and 5' for analytical testing.  Refusal at 5.4'  Collected samples at 2, 4', and 5' for analytical testing.  DANGER BROWN SILTSTONE  Refusal at 5.4'  Collected samples at 2, 4', and 5' for analytical testing.	SHEET		1 OF 1	SERVICES, INC	G.W. DEPTH See Notes				
PROJ. NO:         SEV-13-030         BARKER, NEW YORK           DEPTH FT. FT. FT. READING         SOIL OR ROCK CLASSIFICATION         NOTES           1         Dark Brown Clayey SILT, little organics, tr.sand (moist, topsoil)         Black Fc Sand, little Silt, tr.gravel, tr.roots (moist, FILL)         Sample #1 Recovery 2.5'           2         Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)         Sample #2 Recovery 1.4'           3         Water present on top of Red Brown-Gray Weathered SILTSTONE         Sample #2 Collected samples at 2, 4', and 5' for analytical testing.           7         8         9           10         11           11         12           13         14           14         15           16         PRILL RIG TYPE:         GEOLOGIST           CLASSIFIED BY:         GEOLOGIST	DDO II	ECT:	DADKED CHEMICAI	SITE LOCATION: 9472 W	SOMEDSET DOAD				
PRILLER   R. STEINER   DRILL RIG TYPE:   GEOPROBE 66200T   CLASSIFIED BY:   GEOLOGIST   CLASSIFIED BY:   CLASSIFIED BY:									
Dark Brown Clayey SILT, little organics, tr.sand (moist, topsoil)  Black Fc Sand, little Silt, tr.gravel, tr.roots (moist, FILL)  Dark Brown Silty CLAY, tr.roots (moist, FILL)  Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)  Becomes Brown  Red Brown-Gray Weathered SILTSTONE  Refusal at 5.4'  Collected samples at 2, 4, and 5' for analytical testing.					NOTES				
Black f-c Sand, little Silt, tr.gravel, tr.roots (moist, FILL)  Dark Brown Silty CLAY, tr.roots (moist, CL, Possible FILL)  Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)  3  4 Becomes Brown  Sample #2 Recovery 1.4'  Mater present on top of Sample #2  Collected samples at 2, 4, and 5 for analytical testing.	FT.	READING	Dark Brown Clayou S						
Dark Brown Silty CLAY, tr.roots (moist, CL, Possible FiLL)  Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)  Becomes Brown  Red Brown-Gray Weathered SILTSTONE  Refusal at 5.4'  Collected samples at 2; 4', and 5' for analytical testing.  Refusal at 5.4'  Dark Brown-Gray Weathered SILTSTONE  Refusal at 5.4'  Collected samples at 2; 4', and 5' for analytical testing.  British Sample #2 Collected samples at 2', 4', and 5' for analytical testing.				_					
Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)  Becomes Brown  Red Brown-Gray Weathered SILTSTONE  Refusal at 5.4'  Refusal at 5.4'  Collected samples at 2, 4', and 5' for analytical testing.	<sup>1</sup>								
Sample #2 Recovery 1.4'   Water present on top of Sample #2   Collected samples at 2, 4', and 5' for analytical testing.				Sample #1 Recovery 2.5'					
A	2		Brown-Tan Fine SAN	ID, little Silt, tr.gravel (moist, SM)	_				
A					_				
Red Brown-Gray Weathered SILTSTONE   Sample #2	3				_				
Red Brown-Gray Weathered SILTSTONE   Sample #2									
Red Brown-Gray Weathered SILTSTONE	4		Becomes Brown		Sample #2 Recovery 1.4'				
Red Brown-Gray Weathered SILTSTONE									
Refusal at 5.4'   Collected samples at 2, 4', and 5' for analytical testing.	5								
2', 4', and 5' for analytical testing.  8			Red Brown-Gray We		<del></del>				
	6			Refusal at 5.4'	_				
8									
9	7				analytical testing.				
9									
	8								
11	9								
11									
12	10								
12									
13	11								
13									
14	12				_				
14									
14	13								
15									
DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST	14								
DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST									
DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST	15								
DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST									
DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST	16								
METERINGE MOVES OF A COMP. A STAN 6989 - DIDECT DISSESAMDING	METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING								



8/7/2013 STARTED FINISHED 8/7/2013



SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
OHLLI					O.W. DEI III See Notes
	DJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SON				
PROJ.	NO.:	BEV-13-030		BARKER, NE	W YORK
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING	ODOANIO MATTED	CLASSIFICATION		
1		ORGANIC MATTER Gray Brown f-c SANI	D, some f-m Gravel, tr silt (moi	st, FILL)	
					Sample #1 Recovery 3.4'
2		Gray Coarse GRAVE	,		
		Black f-c SAND, tr gr	avel, tr silt (moist, FILL, cinder	s)	
3		Red Brown Silty CLA	Y, little f-c Gravel (moist, CL, p	oossible reworked)	_
4		Brown to Red Brown	f SAND, some Silt, little f-c Gr	avel (moist-wet, SM)	Sample #2 Recovery 2.2'
 5					_
_ ` _					_
6					_
_					_
7					Sample #3 Recovery 0.5'
_ ′ —					Sample #5 Necovery 0.5
8		Pod Prown SII T tro	and (moist, ML)		_
_ ° _		Gray Weathered SIL			
9			Refusal at 8.55'		_
_			Refusal at 0.55		Collected samples at 1.7',
10					4' and 6' for analytical
_ 10_					testing
11					
''					_
 12					_
_ '-					_
13					_
_ '					_
14					_
— ' <sup>-</sup>					_
15					$\vdash$
15					-
16					_
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTICA	MION: ASTM 6202	DIRECT PLISH SAMPLING	_	

**STARTED** 8/6/2013 **FINISHED** 8/6/2013



SHEET	Ī	1 OF 1	SERVICE	S, INC.	G.W. DEPTH See Notes
PROJE		BARKER CHEMICAL			
PROJ.	NO.:	BEV-13-030	BA	ARKER, NE	EW YORK
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Brown f-c SAND, tr.s	ilt (moist, FILL)		
1		Gray f-c Gravel, tr.sa	and (moist, FILL, crushed run Stone)		Sample #1 Recovery 3.7'
		Black to Brown f-c Sa	and, little f-c Gravel, little Silty Clay, tr.slag		
2		(moist, FILL, Cinders	s)		_
					_
3					_
4		Dark Brown Clavey S	SILT, little f-c Sand, tr.slag (moist, reworked)		_
— ' <i>—</i>		Dank Brown Olayoy C	one in the state of the state o		Sample #2 Recovery 3.3'
 5					Sample #2 Necovery 5.5
— ° —		Red-Brown to Brown	Fine SAND, some Silt (moist, SM)		_
6					_
7					_
	1				
8		Brown SILT, little Fin			_
<u> </u>		Red-Brown Weather			Sample #3 Recovery 0.3'
9			Refusal at 8.45'		
10					
11					
12					Collected samples at 2',
					4', 6' and 8' for analytical
13					testing.
14					
15					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT CL	ASSIFIED BY:	S. BOCHENEK
METHOD OF	F INVESTIGA		DIRECT PUSH SAMPLING		

STARTED **FINISHED** 



SHEET	-	1 OF 1	SERV	ICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICAI	SITE LOCATION	N: 8473 W SON	MERSET ROAD
PROJ.		BEV-13-030		BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING	Brown-Gray f-c GRA	CLASSIFICATION  VEL, some f-c Sand, tr.silt (moist, FILL)		
					_
<del> </del>		Dark Brown-Gray Sin	t, tr.sand, tr.cinders (moist, FILL)		
					Sample #1 Recovery 4.0'
_ 2					_
_			Sand, occasional White f-m Sand Laminati	ions (moist,	
3		FILL)			_
			ne SAND, some Silt, tr.gravel, occasional n	noist-wet	_
4		seams (moist, SM)			Sample #2 Recovery 3.1'
					_
5					_
6		= =			_
		Brown-Red Brown Si	LT, little Fine Sand (moist, ML)		
7		Contains little f-c Gra	ivel		_
8		Gray Weathered SIL	TSTONE		<u> </u>
					_
9			Probe Complete at 8.0'		Collected samples at
					2', 4', 6', and 7.5' for
10					analytical testing.
11					
12					
13					
14					
· —					_
15					_
<u> </u>					_
16					
		<u> </u>			<u> </u>
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ASTM 6282 - I	DIRECT PUSH SAMPLING		

	DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING	METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT P	PUSH SAMPLING			

SHEET

STARTED \_\_\_\_\_FINISHED \_\_\_\_

7/15/2013 7/15/2013

1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

D-1

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

PROJ.	. NO.:	BEV-13-030 BARKER, N	EW YORK	
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
	KEADING	Brown-Gray f-c GRAVEL, some f-c Sand, tr.silt, tr.brick, occasional Silty Clay		
1		Laminations (moist, FILL)		
	-	(wet)	Sample #1 Recovery 1.7'	
_ 2	•	Dark Brown Silty Clay, little Fine Sand, tr.organics (moist, CL, possible FILL)		
_		Red-Brown Fine Sand, little f-c Gravel, little Silt (moist, SP-SM, possible FILL)		
_ 3 _				_
4			Sample #2 Recovery 3.2'	_
_ `_		Red Brown-Brown Fine SAND and Silt, little f-c Gravel (moist, SM)	Gampio #2 Hosovory 6:2	_
5				
6				
	-			
_ <sup>7</sup> _			Sample #3 Recovery 0.3'	_
8		Red-Brown SILT, tr.sand, occasional Fine Sand Laminations (moist, ML)		_
_	-	Red-Brown Weathered SILTSTONE		_
9		Refusal at 8.4'	Collected samples at	
			2', 4', 6', and 7.8' for	
10	•		analytical testing.	
	-		Water present on top of	
11			recovered sub for	
 12	-		sample #2 and #3	
'^	-			
13	-			
14				_
	-			_
15				_
16	-			_
16			<u> </u>	
DRILLER:	R. STEIN	NER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST	

	DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING	METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT P	PUSH SAMPLING			

STARTED **FINISHED** 



SHEET	-	1 OF 1	SERVIC	CES, INC.	G.W. DEPTH See Notes
DDO II	-OT	DADICED OLIERADA	OUT LOOM TION	0.470.144.001	AEDOET DOAD
PROJE PROJ.		BARKER CHEMICAL BEV-13-030	_ SITELOCATION:	BARKER, NE	MERSET ROAD
11100.	140	DL V-13-030		DARREIT, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING	D 1 D 011 T 1111	CLASSIFICATION	. ====	
			le f-c Sand, tr.cinders, tr.organics/ roots (mois		_
1		Red-Brown Fine SAN	ND, little Clayey Silt, tr.organics/ roots (moist-	wet, SM)	
					Sample #1 Recovery 1.7'
2		Red-Brown Fine SAN	ND, little Fine Gravel, little Silt (moist, SP-SM)		
			, , ,		_
		Contains some Cilt			<del></del>
_ 3 _		Contains some Silt			_
					_
4					Sample #2 Recovery 3.2'
5					
					_
6					_
_					<del>-</del>
		Red Brown-Brown SI (moist, ML)	LT, some Fine Sand, occasional moist-wet so	eams	<del></del>
7		(moist, iviL)			<del>-</del>
		Red-Brown Weather	ed SILTSTONE		
8					
			Refusal at 7.6'		Collected samples at
9					4', 6', and 7' for
_					analytical testing.
					analytical testing.
10					
					<u> </u>
11					
12					_
					_
40					_
13					_
14					_
15					
					_
16					_
10					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - [	DIRECT PUSH SAMPLING		

STARTED **FINISHED** 



SHEET	•	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes	
PROJE	-CT·	BARKER CHEMICAI	SITE	LOCATION: 8473 W. SOI	MERSET ROAD	
PROJ.		BEV-13-030	LOTTE	BARKER, NEW		
DEPTH	PID		SOIL OR ROCK		NOTES	
FT.	READING		CLASSIFICATION			
		Dark Brown SILT, tr.:	sand, tr.organics (moist, topso	oil)	_	
1					_	
					Sample #1 Recovery 2.4'	
2						
		Black f-c Sand, tr.gra	avel, tr.silt (moist, FILL/ Cinde	rs)		
3						
		Brown Silty Clay, little	e f-c Gravel, tr.sand (moist, F	<u> LL)</u>		
4		Brown Fine SAND, s	ome Silt, tr.gravel, occasional	f-c Sand seams (moist, SM,	Sample #2 Recovery 3.4'	
		possible FILL)		j		
5		Red-Brown Fine SAN	ND and Silt, little Fine Gravel	(moist, SM)		
6					_	
					_	
7		Red-Brown SII T. littl	e Fine Sand (moist, ML)		_	
<u> </u>			0 ·		_	
8		Red-Brown Weather	ed SII TSTONF		_	
$\vdash$ $$ $\dashv$		Trou Brown Wedner	04 0121010112		_	
9			Refusal at 8.0'		Collected samples at	
$\vdash$ $$ $\dashv$			rtorusur at s.s		2', 4', 6', and 7.6' for	
10					analytical testing.	
— <sup>10</sup> —						
11					_	
├-''					_	
40					_	
12					_	
					-	
13					-	
					_	
14					_	
_						
15					_	
					_	
16						
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF	INVESTICA	ACTM COOD I	DIDECT DUSH SAMDUNG			

STARTED **FINISHED** 

7/15/2013 7/15/2013

# SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET		— OF I	SERVICES, INC.	G.W. DEPTH See Notes
PROJE	ECT:	BARKER CHEMICAL	_ SITE LOCATION: 8473 W. S	OMERSET ROAD
PROJ.		BEV-13-030		NEW YORK
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey S	SILT, little Fine Sand, tr.roots (moist, topsoil)	
1				
		Brown-Red Brown Si	Ity CLAY, tr.gravel, tr.sand, occasional Sand Lamination	Sample #1 Recovery 3.2'
		`	n Clayey SILT, tr.sand (moist, ML)	<b>'</b> ,
3		\	me Fine Sand, occasional Fine Sand partings (moist, ML	
4		Contains little f-c Gra	ivel, occasional f-m Sand seams	Sample #2 Recovery 3.0'
 5				_
_ ` _				_
6				_
				_
7		Red-Brown Weather	ed SILTSTONE	<u> </u>
			Refusal at 6.9'	Collected samples at
8				2', 4', and 6' for
				analytical testing.
9				_
				_
10				_
				_
11				_
				_
<u> </u>				_
				_
13				_
1.4				_
14				_
 15				_
'3				_
16				_
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED B	Y: GEOLOGIST
METHOD OF	F INVESTIGA	ATION: ASTM 6282 - [	DIRECT PUSH SAMPLING	<u></u>

STARTED **FINISHED** 



SHEET	•	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICA	 L SITE LOCATION: 8473 W. SO	MERSET ROAD
PROJ.		BEV-13-030	EW YORK	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey	SILT, tr.sand, tr.organics (moist, topsoil)	
1		Red Brown-Brown F	ine SAND, little Clayey Silt, tr.gravel (moist-wet, SP-SM)	_
			, , , , , , , , , , , , , , , , , , , ,	Sample #1 Recovery 2.9'
2				
		Gray-Brown Silty CL	AY, tr.roots (moist, CL)	_
3				_
<b>├</b>			OAND Fills ( or Oas at Fills O'll as a sais at Ols as	_
			m SAND, little f-m Gravel, little Silt, occasional Clayey	
4		Silt seams (moist-we	ine SAND, some Silt, tr.gravel (moist-wet, SM)	Sample #2 Recovery 2.8'
_ —		rtou Brown Brown	ino o, ind, como om, ingravor (molec noi, om)	_
5				_
				_
6				_
		Red-Brown SILT, litt	le Fine Sand (moist, ML)	_
7		Red-Brown Weather	ed SILTSTONE	_
			Refusal at 6.8'	Collected samples at
8				2', 4', and 6' for
				analytical testing.
9				
10				
11				
12				_
				_
13				
— <sup>10</sup> —				_
14				_
14				-
45				_
15				_
				_
16				
DRILLER:	R. STEIN	NER DRILL RIG T	YPE: GEOPROBE 6620DT CLASSIFIED BY:	: GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 -	DIRECT PUSH SAMPLING	

STARTED **FINISHED** 

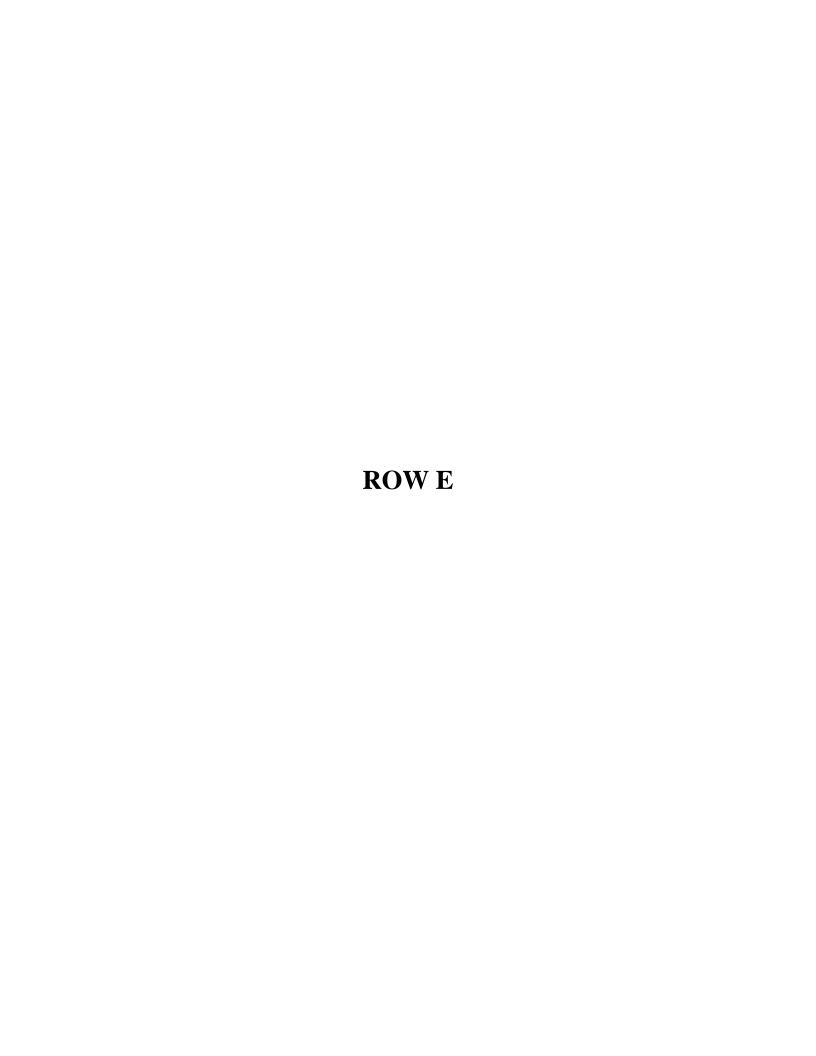


SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
550				100171011	
PROJE PROJ.		BARKER CHEMICAL BEV-13-030	_ SITE	LOCATION: <u>8473 W. SOI</u> BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		NOTES
		Dark Brown Clayey S	SILT, little f-c Sand, tr.gravel, tr	c.organics/ roots (moist,	
1		topsoil)			_
		Brown Clayey Silt, so	ome f-c Gravel, little Fine Sand	(moist, ML, possible FILL)	Sample #1 Recovery 3.3'
2		Brown SILT, little f-c	Gravel, little Fine Sand (moist	, ML)	_
3					_
					_
4					Sample #2 Recovery 2.4'
		Brown Fine SAND, s	ome Silt, tr.gravel (moist-wet,	SM)	_
5					_
6					_
			e Fine Sand (moist, ML)		_
7		Red-Brown Weather	ed SILTSTONE		_
			Refusal at 6.7'		Collected samples at
8					2', 4', and 6' for
					analytical testing.
9					_
					_
10					_
					_
11					_
					_
12					_
					_
13					_
					_
14					_
					_
15					_
					_
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	F INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		

STARTED FINISHED



1 1141311		1/13/2013	DINEOT FOOT EO		
SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE		BARKER CHEMICAI	_ SITE I	OCATION: 8473 W. SO	MERSET ROAD
PROJ.	NO.:	BEV-13-030		BARKER, N	EW YORK
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Dark Brown SILT, litt	le f-c Sand, tr.organics/ roots (m	oist, topsoil)	
1		Brown Fine Sand, litt	le Silt, tr.gravel (moist, FILL)		
					Sample #1 Recovery 3.2'
2		Brown-White f-c SAN	ID, tr.gravel (moist, FILL)		_
			ne SAND, some Silt, tr.gravel, o		+
		partings (moist, SM)	THE SAND, Some Sill, II. graver, or	Casional moist-wet	_
3		parange (meier, em)			_
					_
4					Sample #2 Recovery 2.2'
					_
5					
6					Limestone fragments
		Red-Brown SILT. littl	e f-c Gravel (moist, ML)		encountered at 6.0'
7		Red-Brown Weather	ed SILTSTONE		<u> </u>
<u> </u>			Refusal at 6.7'		Collected samples at
<u> </u>			iverusar at 0.7		2', 4', and 6' for
$ ^{\circ}-$					
					analytical testing.
9					_
					_
10					_
					_
11					
12					
13					
					_
14					_
— ' <b>-</b>					-
45					_
15					-
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		



$D_{I}$		F.
$D_r$	`''	∟.

8/7/2013 STARTED 8/7/2013 **FINISHED** 



SHEET	-	1 OF 1	SERVICE	G.W. DEPTH See N	lotes
PROJE	PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SC		173 W. SOMERSET ROAD		
PROJ.		BEV-13-030		ARKER, NEW YORK	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES	
			ttle f-c Sand, tr organics (moist, FILL, crusher ru	n stone)	
1					
				Sample #1 Recovery	3.2'
2					
		Black f-c SAND, little	ef-c Gravel, tr coal, tr slag, tr ash (moist, FILL, c	nders)	
3		Brown Silty CLAY, tr	iron staining (moist, CL)		_
4				Sample #2 Recovery 2	2.0'
		Brown f SAND, some	e Silt, little f-c Gravel (moist, SM)		_
5					_
6					
7					_
8				Sample #3 Recovery	0.3'
		Gray Weathered SIL	TSTONE		
9			Refusal at 8.3'		
				Collected samples at 2	2',
10				4' and 6' for analytical	
				testing	
11					
12					
13					
14					
15					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	/PE: GEOPROBE 6620DT CL	ASSIFIED BY: GEOLOGIST	
METHOD OF	F INVESTIG	ATION: ASTM 6282 -	DIRECT PUSH SAMPLING		

STARTED 8/6/2013 8/6/2013 **FINISHED** 



HOLE NO. SURF. ELEV

SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICAI	SITE	LOCATION: 8473 W. SO	MERSET ROAD
PROJ.		BEV-13-030	_ OH L	BARKER, NI	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
			D, little Fine Gravel, tr.silt, tr.roo		_
1		Gray f-c Gravel, tr.sa	ind (moist, FILL, crushed run S	tone)	Sample #1 Recovery 3.2'
		Black f-c Sand, little	f-c Gravel, tr.silt, tr.coal, tr.slag	(moist, FILL, Cinders)	
2		Gray f-c Gravel (mois	st, FILL)		_
3		Dark Gray Clayey SI	LT, tr.gravel (moist, ML)		_
		Red-Brown Fine SAN	ND and Silt (moist, SM)		
4					
					Sample #2 Recovery 3.4'
5		Contains little Fine G	ravel (moist-wet)		
6					
7					
8					
		Red-Brown SILT,	tr.sand	/	Sample #3 Recovery 0.4'
9		Gray Weathered	SILTSTONE	/	
			Refusal at 8.4'		
10					
11					
12					Collected samples at 2',
					4', 6' and 8' for analytical
13					testing.
14					
15					
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK
,	INVESTIGA		DIRECT PUSH SAMPLING		o. Dooriener

STARTED **FINISHED** 



SHEET	•	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes
PROJE	ECT:	BARKER CHEMICA	L SITE LOCATION: 8473 W. SO	MERSET ROAD
PROJ.	NO.:	BEV-13-030	BARKER, N	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Gray f-c GRAVEL, lit	tle f-c Sand, tr.silt (moist, FILL)	
1				_
				Sample #1 Recovery 3.6'
2		Black f-c Sand, tr.gra	avel, tr.silt (moist, FILL, possible Slag)	
		Dark Brown SILT, tr.	sand (moist, FILL)	_
3		Becomes Brown,	Contains tr.cinders	<b>│</b>
_ ` _		Brown Fine SAND s	ome Silt, tr.gravel (moist, SM)	-
4		blowill life oald, s	ome ont, trigraver (moist, own)	Sample #2 Recovery 2.9'
 5				-
_		Contains little f-c Gra	nuel.	
6		Contains little 1-C Gra	ivei	_
$ ^{\circ}-$				-
7				-
— ′ —		Red-Brown SII T littl	e Fine Sand (moist, ML)	- <del>-</del>
_		Trea-blown oil i, iiti	e i me dand (moist, ML)	-
8				_
			B (	Collected complex at
9			Refusal at 8.2'	Collected samples at
				1.5', 2', 4', 6', and 8' for
10				analytical testing.
				_
11				_
				_
12				_
				_
13				_
				_
14				_
15				
16				
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED BY	: GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 -	DIRECT PUSH SAMPLING	

 STARTED
 7/16/2013

 FINISHED
 7/16/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV G.W. DEPTH

E-1

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

	FROJ.	NO	DEV-13-030 DARKER, INI	EW TORK	_
Ì	DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
ľ			Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)		
L	1		Red-Brown Clayey Silt, tr.sand (moist, FILL)		
			Dark Brown Fine Sand, tr.gravel, tr.silt (moist, FILL)	Sample #1 Recovery 3.2'	
Ļ	2		Concrete		_
			(wet)		_
ł	_ 3		Brown Clayey SILT, little Fine Sand (moist, ML, possible FILL)	1	_
			Red Brown-Brown Fine SAND, little Silt (moist, SM)	Cample #0 Danasan 0 0	
ł	_ 4			Sample #2 Recovery 3.3'	
	 5		Contains some Silt, little f-c Gravel (FILL)		
t	_		Some one one, made i d'oravor (i 122)		_
	6				_
Ī					
	7			1	
			Red-Brown SILT, little f-c Gravel, little f-c Sand (moist, ML)	_	
ļ	8		Red-Brown Weathered SILTSTONE		_
ł	9		Refusal at 8.3'	Collected samples at	_
	10			4', 6', and 7.3' for analytical testing.	
+	10			analytical testing.	_
	11				_
t	· · ·				_
	12				_
Ī					
L	13				
ļ	14				_
					_
ļ	15				_
					_
ł	16				
	DRILLER:	R. STEIN	NER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST	

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT P	USH SAMPLING			

STARTED **FINISHED** 

7/16/2013 7/16/2013

# SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. E-2 SURF. ELEV

SHEET				SERVICES, INC.	G.W. DEPTH See Notes	_
PROJI	FCT·	BARKER CHEMICAI	SITE	LOCATION: 8473 W. SO	MERSET ROAD	
PROJ.		BEV-13-030	COTTE	BARKER, N		_
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES	
		Dark Brown Clayey S	SILT, little Fine Sand, tr.organic	s (moist, topsoil)		
1		\_Dark Brown f-c Sa	and, tr.gravel, tr.silt (moist, FILL	<u>-)</u> /	·[	
		Brown Clayey SILT,	tr.gravel, tr.sand (moist, ML)		Sample #1 Recovery 2.7'	
2		Red Brown-Brown Fi	ne SAND and Silt (moist, SM)			
3						
4					Sample #2 Recovery 2.4'	_
		Contains little f-c Gra	avel			
5						_
						_
6		Pod Provin Crov Wo	othorod CILTCTONE		_	_
		Red Brown-Gray We	athered SILTSTONE			
7					_	_
			Refusal at 7.0'		Collected samples at	_
8					2', 4', and 5.6' for	
					analytical testing.	_
9						_
						_
10						_
						_
11						_
						_
12						_
12						_
13						_
14						_
<u> </u>						_
 15						
						_
16	-					_
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	: GEOLOGIST	
					2202001	
METHOD OF	- INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		_	

STARTED **FINISHED** 



SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE PROJ.		BARKER CHEMICAL BEV-13-030	SITE	_LOCATION: <u>8473 W. SOI</u> BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Dark Brown Clayey S	ILT, tr.sand, tr.organics (mois	t, topsoil)	_
1			ne Sand, some Silt, little Fine	Gravel, occasional f-c	
		Sand Laminations (m	oist, SM)		Sample #1 Recovery 2.4'
2					
3					
4					Sample #2 Recovery 2.8'
5					
		Brown-Red Brown SI	LT, little Fine Sand, tr.gravel (	moist, ML)	
6					
7		Red-Brown Weather	ed SII TSTONE		<u> </u>
		- Trouble Trouble	34 5/2/ 5/12		
8			Refusal at 7.2'		Collected samples at
					2', 4', and 6' for
9					analytical testing.
10					
11					
12					_
13					_
					_
14					_
15					_
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF			DIRECT PUSH SAMPLING	_	

STARTED **FINISHED** 



SHEET	-	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes
PRO II	PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SO		MERSET ROAD	
PROJ.		BEV-13-030	BARKER, N	
DEPTH	PID		SOIL OR ROCK	NOTES
FT.	READING		CLASSIFICATION	
		Dark Brown Clayey S	SILT, tr.sand, tr.organics (moist, topsoil)	_
1		Red Brown-Brown Fi	ne Sand, little Clayey Silt, tr.gravel (moist-wet, SM)	Sample #1 Recovery 3.6'
2		Red Brown-Brown Fi	ne SAND, some Silt, tr.gravel (moist-wet, SM)	
				_
3				_
				_
4				Sample #2 Recovery 2.0'
				_
5				_
		Red-Brown SILT, so	me Fine Sand (moist, ML)	_
6			- LOU TOTONE	_
		Red-Brown Weather	ed SILTSTONE	_
7				_
			Refusal at 6.4'	Collected samples at
8				2', 4', and 5.8' for
				analytical testing.
9				_
				_
10				_
				_
11				_
-				_
12				_
				_
13				_
				_
14				_
				_
<u> </u>				_
				_
16				
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED BY	: GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING	

STARTED **FINISHED** 



SHEET	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
DDO IFOT	DADKED OLIEMOA	OUTE	LOCATION: 0470 M. CON	AEDOET DOAD
PROJECT: PROJ. NO.:	BARKER CHEMICA BEV-13-030	LSHE	LOCATION: 8473 W. SOM BARKER, NE	
DEPTH PID		SOIL OR ROCK		NOTES
FT. READING		CLASSIFICATION  SILT, little Fine Sand, tr.organic	c (maist tansail)	
	Dark Brown Clayey	oict, iittie Fine Sand, tr.organic	s (moist, topsoii)	_
_ 1 _	Brown Fine SAND, li	ttle Clayey Silt (SM)		Sample #1 Recovery 3.3'
2		ne SAND, some Silt, occasiona	al moist-wet partings	
	(moist, SM)		ge	_
3				
	Contains "and" Silt			
4				Sample #2 Recovery 2.0'
	Brown-Red Brown S	ILT, some Fine Sand, tr.gravel	(moist, ML)	
5				_
_				_
— <sup>6</sup> —				_
7	Red-Brown Weather	ed SII TSTONE		_
	rtou Brown Woulder	Refusal at 7.0'		Collected samples at
8				2', 4', and 6' for
				analytical testing.
9				
10				_
				_
— <sup>11</sup> —				_
12				_
'				_
13				_
<u> </u>				
14				_
				_
15				_
40				_
16	<u> </u>			
DRILLER: R. STE	INER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST

STARTED **FINISHED** 

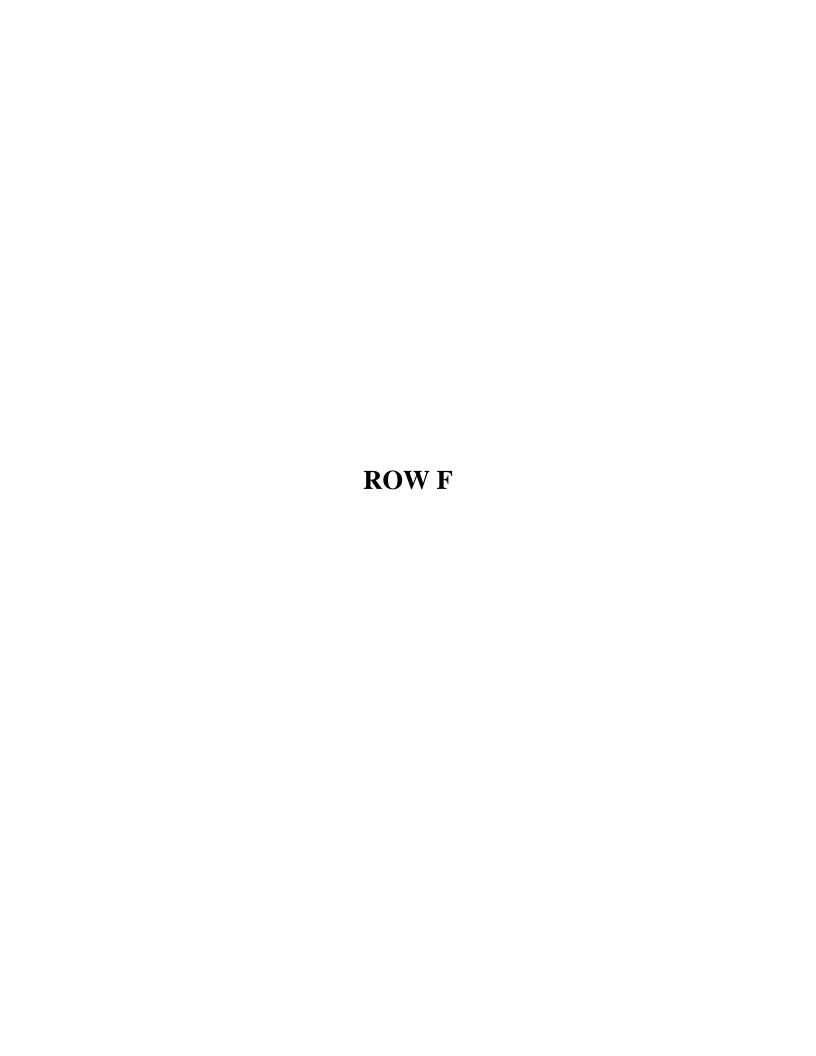


SHEET	Γ	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJI PROJ.		BARKER CHEMICAL BEV-13-030	LSIIE	LOCATION: <u>8473 W. SOM</u> BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		NOTES
		Dark Brown Clayey S	SILT, tr.sand, tr.roots/ organics	(moist, topsoil)	
1		Brown Fine Sand, so	me Silt, tr.gravel (moist-wet, S	M)	
		(moist)			Sample #1 Recovery 1.7'
2					
					_
3					
4					Sample #2 Recovery 2.8'
		Contains little f-c Gra	avel		
5					
6			e f-c Sand, tr.gravel (moist, MI	, possible Highly Weathered	_
		Bedrock)			_
7		Red-Brown Weather	ed SILTSTONE		_
	-		Refusal at 7.0'		Collected samples at
8					4', and 6' for
					analytical testing.
9					_
	-				
10					_
	-				_
11					_
12	-				
12	1				_
13					_
'					_
14	-				_
					_
15	1				
	1				_
16					_
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF			DIRECT DUSH SAMPLING		3202001

STARTED FINISHED



TINIOT		1/13/2013	DIRECT TOOM EOO		
SHEET	•	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
		<u> </u>			
PROJE	ECT:	BARKER CHEMICAL	SITE LO	OCATION: 8473 W. SOI	MERSET ROAD
PROJ.		BEV-13-030		BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		NOTES
• • • •	KEADIITO	Dark Brown Clavey S	GILT, tr.sand, tr.organics/ roots (mo	nist tonsoil)	
		Bank Brown Glayby	oner, andana, andrgamed, reduc (m.	olot, topoon,	_
1					_
		Brown Fine Sand and	d Silt, tr.gravel, occasional moist-v	vet partings (moist, SM)	Sample #1 Recovery 3.5'
2					
					_
					<del>-</del>
3					_
4					Sample #2 Recovery 2.6'
		Contains tr.gravel			
5		3			_
_ ` _					_
					_
6					_
		Red-Brown SILT, littl	e f-c Sand, (moist, ML, probable F	lighly Weathered Bedroc	
7		Red-Brown Weather	ed SILTSTONE		1
			Refusal at 7.0'		Collected samples at
8			Refusal at 7.0		
_ ° _					2', 4', and 6' for
					analytical testing.
9					
10					
					_
					_
11					_
12					
13					_
'3					<u> </u>
					_
14					_
15					
40					
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
	51211				2202001
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		



STARTED **FINISHED** 

8/6/2013 8/6/2013

# SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET				SERVICES, INC.	G.W. DEPTH See Notes
PROJI	ECT:	BARKER CHEMICA	L SITE LO	DCATION: 8473 W. SOI	MERSET ROAD
PROJ.		BEV-13-030		BARKER, N	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Gray-Brown f-c SAN	D, little Fine Gravel, tr.silt (moist, F	TILL)	
1		Gray f-c Gravel, tr.sa	and (moist, FILL, crushed run Stone	e)	Sample #1 Recovery 3.1'
		Black f-c Sand, little	f-m Gravel, tr.silt (moist, FILL, Cinc	ders)	_
_ 2		Gray Coarse Gravel	(moist, FILL)		_
3		Dark Brown Claye	ey SILT, tr.sand (moist, ML)		_
		Red-Brown to Brown	Fine SAND and Silt (moist, SM)		
4			, , ,		
					Sample #2 Recovery 2.6'
5					
6					_
— <sup>7</sup> —		Pod Brown Clayov S			<del>-</del>
8		Red-Brown Clayey S	illi (moist, wil)		
_ ~		Red-Brown Weath	ered SILTSTONE		Sample #3 Recovery 0.1'
9			Refusal at 8.1'		_
					Collected samples at
10					4', 6' and 8' for analytical
					testing.
11					_
12					_
13					_
					_
14					
15					_
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK
METHOD OF	INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		_

SHEET

STARTED \_\_\_\_\_

7/16/2013 7/16/2013 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH See Notes

		<u> </u>		
PROJECT:		BARKER CHEMICAL	SITE LOCATION	8473 W. SOMERSET ROAD
PROJ.	PROJ. NO.: BEV-13-030 BARKER, NEW YORK		BARKER, NEW YORK	
DEPTH	PID		SOIL OR ROCK	NOTES
FT.	READING		CLASSIFICATION	
		Gray f-c GRAVEL, lit	tle f-c Sand, tr.silt (moist, FILL)	
1				
				Sample #1 Recovery 3.4'
2				' -
		Black f-c Sand, some	e f-c Gravel, tr.silt (moist, FILL, possible Slag	_
3				
_ <sup>3</sup> _			SILT, tr.sand, tr.roots (moist, ML)	<del>-</del>
		Brown SILT, little Fin	e Sand (moist, ML)	<u> </u>
4				Sample #2 Recovery 3.0'
		Grades to Red-Brow	า	_
5				
		Red Brown-Brown Fi	ne SAND and Silt, occasional moist-wet part	ings
6		(moist, SM)		_
				_
7				_
— <i>'</i> —				Sample #3 Recovery 0.2'
		Dod Drown Cll T to	regular and (maint MI)	
8		Red Brown-Gray We	ravel, tr.sand (moist, ML)	
		Red Blown-Gray We	athered SILTSTONE	<del>_</del>
9				<u> </u>
			Refusal at 8.4'	Collected samples at
10				2', 4', 6', and 8' for
				analytical testing.
11				
`				_
12	-			_
'				_
				_
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16	1			_
.0	l	I		L
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY: GEOLOGIST
METHOD O	F INVESTIG	ATION: ASTM 6282 - [	DIRECT PUSH SAMPLING	

 STARTED
 7/16/2013

 FINISHED
 7/16/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

F-1

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD

DEPTH FT. PID RADMG  Gray F-c GRAVEL, little F-c Sand, tr-slit (moist, FILL) Brown-Light Brown F-c Sand, some F-c Gravel, tr-silt (moist, FILL)  Black F-c Sand, little Fine Gravel, tr-slit (moist, FILL)  Black F-c Sand, little Fine Gravel, tr-slit (moist, FILL)  Black F-c Sand, little Fine Gravel, tr-slit (moist, FILL)  Black F-c Sand, little Fine Gravel, tr-slit (moist, FILL)  Black F-c Sand, little Fine Sand (moist, ML)  Red Brown-Brown SILT, little Fine Sand (moist, ML)  Red Brown-Brown SiLT, little Fine Sand (moist, ML)  Contains occasional F-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little F-c Sand, little Fine Gravel (moist, SM)  Red-Brown Weathered SILTSTONE  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.  RRILLER: R STEINER DRILL RIG TYPE: GEOPROSE 06200T CLASSIFED BY: GEOLOGIST	PROJ.	NO.:	BEV-13-030 BARK	ER, NEW YORK	_
Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL) Brown-Light Brown f-c Sand, some f-c Gravel, tr.silt (moist, FILL)  Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL)  Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL)  Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL)  Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL)  Red Brown-Brown SILT, little Fine Sand (moist, ML)  Brown Fine SAND, some Silt (moist, SM)  Red-Brown SILT, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.	DEPTH FT.			NOTES	
Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)  Dark Brown Clayey Silt, tr.sand (moist, ML)  Red Brown-Brown Silt, little Fine Sand (moist, ML)  Brown Fine SAND, some Silt (moist, SM)  Red-Brown Silt, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown Silt, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock)  Red-Brown Weathered Silt STONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  Collected samples at 2', 4', 6', and 8' for analytical testing.					
Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)  Dark Brown Clayey Silt, tr.sand (moist, ML)  Red Brown-Brown SILT, little Fine Sand (moist, ML)  Brown Fine SAND, some Silt (moist, SM)  Red-Brown SILT, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Gravel (moist, SM, possible Highly Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.	1		Brown-Light Brown f-c Sand, some f-c Gravel, tr.silt (moist, FILL)		_
Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)  Dark Brown Clayey Silt, tr.sand (moist, ML)  Red Brown-Brown SILT, little Fine Sand (moist, ML)  Sample #2 Recovery 1.6'  Brown Fine SAND, some Silt (moist, SM)  Red-Brown SILT, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.				Sample #1 Recovery 3.0'	
Dark Brown Clayey Silt, tr.sand (moist, ML) Red Brown-Brown SiLT, little Fine Sand (moist, ML)  Brown Fine SAND, some Silt (moist, SM) Red-Brown SiLT, little Fine Sand (moist, ML) Contains occasional f-c Gravel seams Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SiLT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock) Red-Brown Weathered SiLTSTONE  Refusal at 8.9'  Collected samples at 2, 4', 6', and 8' for analytical testing.	2				
Red Brown-Brown SILT, little Fine Sand (moist, ML)  Brown Fine SAND, some Silt (moist, SM)  Red-Brown SILT, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.			Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)		
Sample #2 Recovery 1.6'  Brown Fine SAND, some Silt (moist, SM)  Red-Brown SILT, little Fine Sand (moist, ML)  Contains occasional f-c Gravel seams  Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.	3		Dark Brown Clayey Silt, tr.sand (moist, ML)		
Brown Fine SAND, some Silt (moist, SM) Red-Brown SILT, little Fine Sand (moist, ML) Contains occasional f-c Gravel seams Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock) Red-Brown Weathered SILTSTONE Collected samples at 2', 4', 6', and 8' for analytical testing.  Refusal at 8.9'  10 11 12 13 14 15 16			Red Brown-Brown SILT, little Fine Sand (moist, ML)		_
Red-Brown SILT, little Fine Sand (moist, ML) Contains occasional f-c Gravel seams Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock) Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.	4			Sample #2 Recovery 1.6'	_
Contains occasional f-c Gravel seams Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock). Red-Brown Weathered SILTSTONE  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.			Brown Fine SAND, some Silt (moist, SM)		_
Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.	5		Red-Brown SILT, little Fine Sand (moist, ML)		_
Sample #3 Recovery 0.4'  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  11  12  13  14  15  16			Contains occasional f-c Gravel seams		_
Sample #3 Recovery 0.4'  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  11	6		Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)		_
Sample #3 Recovery 0.4'  Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Collected samples at 2', 4', 6', and 8' for analytical testing.  11					_
Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly  Weathered Rock)  Red-Brown Weathered SILTSTONE  Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.  11	7				_
Weathered Rock)   Red-Brown Weathered SILTSTONE   Collected samples at 2', 4', 6', and 8' for analytical testing.   11				Sample #3 Recovery 0.4'	_
9 Red-Brown Weathered SILTSTONE  10 Collected samples at 2', 4', 6', and 8' for analytical testing.  11 12 13 14 15 15 16	8			nly	_
Refusal at 8.9'  Collected samples at 2', 4', 6', and 8' for analytical testing.  11				/	_
10	9		Red-Brown Weathered SILTSTONE		_
11			Refusal at 8.9'	Collected samples at	_
11	_ 10			2', 4', 6', and 8' for	_
12				analytical testing.	_
13	_ 11				_
13					
14	12				_
14					_
15	13				
15					_
16	14				
16					
	15				
DILLED. D. CTEINED. DRILL DIG TYPE. CEODDOR COORT. CLASSIFIED DV. CEOLOGICA	16				
	NDII 1 ED	D 075	DRILL DIG TYPE. OF ORDERED SAMPLE	FIED DV: OF OLOGOT	

DRILLER: R. STEINER DRILL RIG TYP	E: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVESTIGATION: ASTM 6282 - DI	RECT PUSH SAMPLING			

STARTED FINISHED



TINIOT		1/10/2013	DIRECT 1 CON ECC		
SHEET	-	1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes
PROJE		BARKER CHEMICA	L SITE L	OCATION: <u>8473 W. SO</u>	
PROJ.	NO.:	BEV-13-030		BARKER, N	EW YORK
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Dark Brown Clayey S	SILT, tr.sand, tr.organics/ roots (m	noist, topsoil)	
1		Brown Clayey Silt, tr.	gravel, tr.cinders (moist, FILL)		_
'					<u> </u>
_					Sample #1 Recovery 3.0'
2		Brown Silty CLAY, lit	tle Fine Sand, tr.gravel (moist, Cl	_)	_
		L			
3		Red-Brown SILT, tr.s	sand (moist, ML)		
					_
4					Sample #2 Recovery 1.6'
_					Sample #2 Necovery 1.0
					_
5					_
		Red-Brown Weather	ed SILTSTONE, occasional Silty	Sand and Gravel seams	
6					
			Refusal at 5.8'		Collected samples at
			Neiusai at 3.0		2' and 4' for
— ′ —					_
					analytical testing.
8					
9					_
—					_
					_
10					_
11					
12					_
'					-
					-
13					4
14					
15					
'3					
					_
16					
DDII I ED.	D OTEN	JED DRILL DIG TY	OEODDODE econo	OLAGGIEED DV	CEOLOGIST
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		

STARTED FINISHED



SHEET		1 OF			SERVICES, INC.	G.W. DEPTH See Notes
PROJE			CHEMICAI	_ SITE	LOCATION: 8473 W. SO	
PROJ.	NO.:	BEV-13-0	30		BARKER, N	EW YORK
DEPTH FT.	PID READING			SOIL OR ROCK CLASSIFICATION		NOTES
		Dark Brow	vn Clayey S	SILT, little Fine Sand, tr.orgar	nics/ roots (moist, topsoil)	
1						
		Brown Cla	ayey Silt, so	ome f-c Sand (moist, FILL)		Sample #1 Recovery 2.8'
2						
3						
		No. 1 Crus	shed Stone	(wet, FILL)		
4				e Sand (moist, ML)		Sample #2 Recovery 2.0'
			little Fine G			
5						
6		Red-Brow	n Highly W	eathered SILTSTONE		
7						
8						-
				Refusal at 7.5'		Collected samples at
9						2' and 4' for
						analytical testing.
10						
11						
12						
13						
14						
15						
16						
DRILLER:	R. STEIN	IER	DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF				DIRECT PUSH SAMPLING	_	

STARTED **FINISHED** 



SHEET	•	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes
PROJE	-CT·	BARKER CHEMICA	 L SITE LOCATION: 8473 W. SO	MERSET ROAD
PROJ.		BEV-13-030	BARKER, N	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Dark Brown Clayey	SILT, tr.sand, tr.organics (moist, topsoil)	
1		Becomes Brown		
		Brown Fine Sand, so	ome Silt (moist, SM)	Sample #1 Recovery 3.5'
2		Gray-Brown Clayey	SILT, some Fine Sand (moist, ML)	
		Brown SILT some F	ine Sand, occasional Clayey Silt seams (moist, ML)	_
3		Brown GILT, Gome T	ino cana, occasional ciayey cin ocamo (moist, M2)	-
4				Sample #2 Recovery 1.7'
		Contains Little f-c Sa	and	_
5				_
6		Red-Brown Clayey S	SILT, little Fine Sand (moist, ML)	] -
		Red-Brown Weather	ed SILTSTONE	
7				
_			Refusal at 7.1'	
8			Netusal at 1.1	Collected samples at 2', 4', and 5.7' for
				<del></del>
9				analytical testing.
10				_
10				_
11				
12				_
				_
13				_
				_
14				_
15				
16				
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED BY	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 -	DIRECT PUSH SAMPLING	

STARTED **FINISHED** 

7/16/2013 7/16/2013

# SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SHEET		OF		SERVICES, INC.	G.W. DEPTH See Notes	_
PROJE	ECT:	BARKER CHEMICAI	L SITE	LOCATION: 8473 W. SC	MERSET ROAD	
PROJ.		BEV-13-030		BARKER, N		_
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES	
		Dark Brown Clayey S	SILT, tr.sand, tr.organics, tr.o	coal (moist, topsoil)		
1		Becomes Brown, Co	ntains little Fine Sand			
		L			Sample #1 Recovery 2.6'	
2		Brown Clayey SILT,	little f-c Sand, tr.gravel (mois	st, ML, probable reworked)		
3					Wet seam at 3.0'	_
		Red Brown-Brown S	ILT, some Fine Sand (moist,	ML)		_
4					Sample #2 Recovery 2.0'	_
_		Red Brown-Brown Fi	ine SAND, some Silt, little f-c	Gravel (moist, SM)	_	_
5		Red-Brown Weather	ed SILTSTONE			_
6						_
<u> </u>						_
7						
8			Refusal at 6.8'		Collected samples at	
					2' and 4' for	
9					analytical testing.	
10						
						_
11						_
						_
12						_
						$\dashv$
13						-
14						
— '¬—						
15						
16						
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY	: GEOLOGIST	
METHOD OF	F INVESTIG	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING		_	

STARTED **FINISHED** 



SHEET	-	1 OF 1 ——		SERVICES, INC.	G.W. DEPTH See Notes
PROJE PROJ.		BARKER CHEMICA BEV-13-030	L SITE	LOCATION: 8473 W. SO BARKER, NI	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
1		Red Brown-Dark Bro	wn Clayey SILT, tr.sand (moist	, FILL)	_
		Brown Fine SAND, s	ome Silt (moist, SM)		1 7
		Brown SILT, some F	ine Sand (moist, ML)		
_ `_					_
_ 4		Brown Fine SAND, s	ome Silt, little Fine Gravel (moi	st, SM)	-
<sup>5</sup>		(moist-wet)			Black staining noted at 5.3'
6 <u></u>					_
<sup>7</sup>		Red-Brown Weather	ed SILTSTONE		] _
8			Refusal at 7.4'		Collected samples at
9					analytical testing.
10					=
11					
12					_
13					
14					
15					_
 16					_
DRILLER:	R. STEIN	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 -	DIRECT PUSH SAMPLING		<del>-</del>

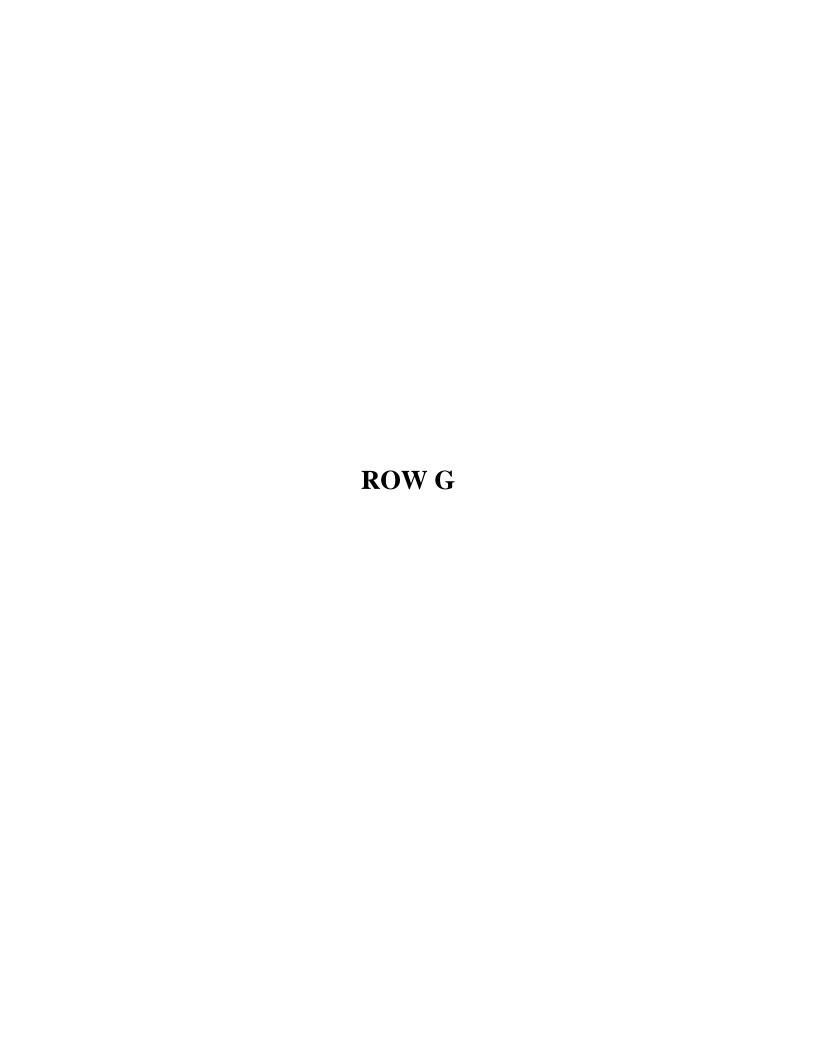
7/17/2013 STARTED 7/17/2013 **FINISHED** SHEET

# SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

OHLLI					- G.W. DEI III Gee Notes
PROJE	ECT:	BARKER CHEMICAL	L SITE	LOCATION: 8473 W. SON	MERSET ROAD
PROJ.	NO.:	BEV-13-030 BARKER, NEV		W YORK	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Dark Brown Clayey S	SILT, tr.sand, tr.organics (mois	t, topsoil)	
1					_
			ine Sand and Silt (moist, SM)		Sample #1 Recovery 3.4'
2		Contains little f-c Gra	avel		
3		Contains occasional	moist-wet seams		
					_
4		Becomes Brown, Cor	ntains some Silt		Sample #2 Recovery 2.2'
		Contains some f-c G			_ ·
 5					_
<u> </u>		Red-Brown SILT, little	e Fine Sand (moist, ML)		<u> </u>
6		Gray-Red Brown We	eathered SILTSTONE		
— ° —					<u> </u>
			D ( 1 100)		Collected samples at
<sup>7</sup>			Refusal at 6.2'		_
					2', 4', and 5' for
8					analytical testing.
					<u> </u>
9					_
10					
11					
12					_
					_
13					_
					_
14					_
'¬					_
15					_
15					_
					_
16					
DRILLER:	R. STEIN	NER DRILL RIG TY	'PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	FINVESTIG	<b>ATION</b> : ASTM 6282 - [	DIRECT PUSH SAMPLING		



 STARTED
 8/6/2013

 FINISHED
 8/6/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. G(-1)
SURF. ELEV
G.W. DEPTH See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.: BEV-13-030 BARKER, NEW YORK

FROJ	. INO	DEV-13-030 DARKER, IN	EW TORK
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Gray-Brown f-c SAND, little Fine Gravel, tr.silt, tr.roots (moist, FILL)	
	-		Sample #1 Recovery 3.0'
<del>-</del> '-	1	Gray f-c Gravel, tr.sand (moist, FILL, crushed Stone)	Dample #1 Necovery 5.0
	1	Cray i o Graver, a. sama (moist, i iee, crashed dione)	_
_ 2 _			_
	_	Black f-c Sand, little f-c Gravel, tr.silt, tr.slag (moist, FILL, Cinders)	
3			_
		Brown f-c Gravel, little f-c Sand (moist, FILL)	_
4		Brown Clayey SILT, little Fine Gravel (moist, ML, reworked)	
		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 0.4'
5			Cobble blocked sampling shoe
	1		_
6	1		_
—	1		_
	-		_
<u> </u>	1		_
_	-		_
8			<del>-</del>
	1	Red-Brown Weathered SILTSTONE, occasional Silty Clay seams	Sample #3 Recovery 0.6'
9			<u> </u>
		Refusal at 8.9'	Collected samples at 2.2',
10			and 4' for analytical testing
11			_
			_
12			_
_ '-	1		_
13	†		_
- 13	1		_
l—	-		_
14	-		_
	4		_
15	1		_
	]		_
16			

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK
METHOD O	F INVESTIGATION:	ASTM 6282 - DIRECT PL	JSH SAMPLING		

8/6/2013 STARTED



FINISHED		8/6/2013	DIRECT PUSH LOG		SURF. ELEV	
SHEET		1 OF 1		SERVICES, INC.	G.W. DEPTH See Notes	
DDO IFOT D		DADKED CHEMICAL	RKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD			
			SITE LOCATION: 8473 W. SOMERSET ROAD BARKER, NEW YORK			
FROJ.	NO	BEV-13-030 BARKER, NE			W TORK	
DEPTH	PID		SOIL OR ROCK		NOTES	
FT.	READING		CLASSIFICATION			
		Gray-Brown f-c GRA	VEL, little f-c Sand, tr.silt (moist, FIL	L)		
1					Sample #1 Recovery 3.0'	
					_	
2					-	
			Silty CLAY, some f-c Sand, little Fine	e Gravel, tr.cinders,	_	
3		tr.coal, tr.ash (mo	ist, CL, reworked)	/		
		Brown Clayey SIL	T, tr.sand (moist, ML)	/	7	
4		Brown Silty SAND, tr	gravel (moist_SM)			
_		Diowii only oallo, ii	graver (moist, own)			
					Sample #2 Recovery 2.9'	
5					<u></u>	
6						
<b>—</b>					-	
_					_	
7		Red-Brown Clayey S	ILT, tr.gravel (moist, ML)		_	
		Red-Brown Weather	ed SILTSTONE			
8			Refusal at 7.5'			
9						
<sup>9</sup>					_	
					_	
10						
11						
					_	
					_	
12					_	
13						
14						
— '4—					_	
15						
16						
	<u> </u>	<u> </u>				
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	S. BOCHENEK	
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING						
					_	

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SHEET

 STARTED
 8/7/2013

 FINISHED
 8/7/2013

1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

G-1

See Notes

PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD
PROJECT: BARKER CHEMICAL SITE LOCATION: 8473 W. SOMERSET ROAD

BEV-13-030 BARKER NEW YORK

PROJ. NO.:		BEV-13-030 BARKER, NE	W YORK	
DEPTH	PID	SOIL OR ROCK	NOTES	
FT.	READING	CLASSIFICATION		
		Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)		
1				
			Sample #1 Recovery 3.1'	П
2		Black to Brown f-c SAND, little f-c Gravel, tr silt, tr coal (moist, Fill, cinders)		
	1	Dark Brown Clayey SILT, tr ash (moist, FILL)	•	$\exists$
3		Gray Coarse GRAVEL (moist, FILL)		$\dashv$
<b>├</b>		Dark Brown Clayey SILT, tr sand (moist, ML)		$\dashv$
		<u> </u>		-
_ 4 _		Red Brown f SAND, some Silt, occassional silt seams (moist, SM)	Sample #2 Recovery 2.7'	$\dashv$
	_			_
5	1			$\dashv$
	_			$\perp$
6				
		Red Brown Highly Weathered SILTSTONE		
7		Brown f SAND, little Silt (moist, SM)		
		Red Brown Silty CLAY, tr sand (moist, CL)		П
8		Red Brown Weathered SILTSTONE		
	1 `	Refusal at 7.4'	1	П
9	1			
<b>—</b> ~ —	1		Collected samples at 1.6',	$\dashv$
10	_		4' and 6' for analytical	=
<u></u>	-			$\dashv$
	_		testing	_
11	1			$\dashv$
				$\perp$
12				4
	]			$\Box$
13				╝
				_]
14	]			$\sqcap$
	1			$\neg$
15	1			一
	1			一
16	1			$\dashv$
10				
DRILLER:	R. STEIN	NER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST	
METHOD O	F INVESTIGA	ATION: ASTM 6282 - DIRECT PUSH SAMPLING		
			_	

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 8/7/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. <u>G-2</u> SURF. ELEV

· W DEDTH

See Notes

SHEET		OF		JEHVIOES, INC.	G.W. DEPTH See Notes
PROJI	ECT:	BARKER CHEMICAL	_ SITE	LOCATION: 8473 W. SOI	MERSET ROAD
PROJ.	. NO.:	BEV-13-030		BARKER, NE	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
1		Red Brown SILT, tr s	SILT, tr organics (moist, topsoi and (moist, ML, possible rewo SILT, tr gravel (moist, ML)		Sample #1 Recovery 3.3'
_ 2		†	e f Gravel, occassional f sand	seams (moist, ML)	——————————————————————————————————————
4 5		Red Brown f SAND,	some Silt, little f-c Gravel (moi	st, SM)	Sample #2 Recovery 1.5'
6 7			Refusal at 5.9'		_ 
8 <u></u> 9					Collected samples at 2', 4' and 5.8' for analytical testing
10					
11  12					_ _ _
1314					
15 16					
DRILLER:	R. STEI	NER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OI			DIRECT PUSH SAMPLING		

# MISCELLANEOUS LOCATIONS

SHEET

14

15

16

STARTED FINISHED

7/16/2013 7/16/2013 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

SB-1

G.W. DEPTH See Notes

PROJI			. SOMERSET ROAD
PROJ.	NO.:	BEV-13-030 BARKE	R, NEW YORK
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
1			
		Black-Gray f-c Sand, little Silt, tr.gravel, tr.brick, tr.ash (moist, FILL)	Sample #1 Recovery 3.6'
2		Gray-Dark Brown Silt, tr.coal (moist, FILL)	
		Dark Brown SILT and Fine Sand (mosit, ML)	_
3			_
		Becomes Brown, occasional moist-wet partings	_
4			Sample #2 Recovery 2.9'
			_
5			<del>-</del>
6			_
<u> </u>			_
7			Sample #3 Recovery 0.3'
		Contains little f-c Gravel	7.2' - 8.4' possible
8			weathered rock
		Gray Weathered SILTSTONE	
9			_
		Refusal at 8.5'	Collected samples at
10			1.8', 4', 6', and 8' for
			analytical testing.
11			_
12			_
12			<del>-</del>
13			_

DRILLER:	R. STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT PI	USH SAMPLING		

 STARTED
 7/17/2013

 FINISHED
 7/17/2013

 SHEET
 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SB-2
SURF. ELEV
G.W. DEPTH See Notes

PROJECT:	BARKER CHEMICAL SITE	LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.:	BEV-13-030	BARKER, NEW YORK

DED=::	B	COIL OF BOOK	NOTEO
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
	1127121110	Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (moist, topsoil)	
1		Brown Clayey Silt, some Fine Sand (moist, reworked)	
- '		Brown f-c Gravel, tr.sand (wet)	0 1 - 1/4 D 4 01
	-	Red-Brown SILT, little Fine Sand (moist, ML, probable reworked)	Sample #1 Recovery 1.9'
_ 2		Trea Brown GIET, Ittle Time Garia (moist, ME, probable reworked)	
_ 3			
4			Sample #2 Recovery 1.3'
		Red-Brown SILT, little Fine Sand (moist, ML)	
5	1	Contains some f-c Gravel, some f-c Sand	
	1	Red-Brown Weathered SILTSTONE	
6			
–	1	Refusal at 5.6'	Collected samples at
		Refusal at 5.6	0', 1.9', and 4' for
<sup>7</sup> —			
	-	#2 Sample -	analytical testing.
_ 8		Approximately 0.5' of No. 1 Crush Stone on top of Red-Brown Silt,	
		probable fell in from above	
9			
10	1		
_			
11			
- ' '			
40			
12			
	-		
13	4		
	1		
14			
15			
	1		
		1	

DRILLER: R. S	STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVES	STIGATION:	ASTM 6282 - DIRECT PU	USH SAMPLING			

STARTED 7/17/2013 **FINISHED** 7/17/2013 SHEET 1 OF 1

### SJB SERVICES, INC. **DIRECT PUSH LOG**



HOLE NO. SB-3 SURF. ELEV G.W. DEPTH

See Notes

LOCATION: 8473 W. SOMERSET ROAD PROJECT: BARKER CHEMICAL SITE PROJ. NO.: BEV-13-030 BARKER, NEW YORK

FROJ.	NO	DEV-13-030 DARKE	R, NEW TORK	
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES	
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)  Brown Clayey Silt, little Fine Sand (moist, ML)		
_ 2		Red Brown-Brown SILT, some Fine Sand, tr.gravel (moist, ML)	Sample #1 Recovery 3.0'	
3				
4			Sample #2 Recovery 2.5'	
5		Brown Fine SAND, some Silt, little f-c Gravel (moist, SM)		_
6		Red-Brown Weathered SILTSTONE		_
7		Red-blown Weathered SILTSTONE		_
8		Refusal at 6.9'	Collected samples at 0', 2', 4', and 6' for	_
9			analytical testing.	
10				_
11				
12				_
13				_
14				_
15				_
16 DRILLER:	R. STEI		ED BY: GEOLOGIST	

DRILLER: R. S	STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVES	STIGATION:	ASTM 6282 - DIRECT PU	USH SAMPLING			

STARTED **FINISHED** SHEET

7/17/2013 7/17/2013

1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

SB-4

PROJE	ECT:	BARKER CHEMICAL	_ SITE LC	CATION: 8473 W. SON	MERSET ROAD
PROJ.		BEV-13-030		BARKER, NE	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
			SILT, tr.sand, tr.organics (moist, top	osoil)	
1		Red-Brown Clayey S	ilt, little Fine Sand (moist, ML)		
		Red Brown-Brown SI	LT, some Fine Sand, occasional m	oist-wet seams	Sample #1 Recovery 3.5'
2		(moist, ML)			
					_
3					_
— ° —		Contains little f a Cre	wal		_
		Contains little f-c Gra	ivei		
4					Sample #2 Recovery 2.1'
		Brown Fine SAND, s	ome Silt, tr.gravel (moist, SM)		
5					
6		Red-Brown Weather	ed SILTSTONE		_
7			Refusal at 6.2'		Collected samples at
					0', 2', 4', and 5.5' for
8					analytical testing.
					_
9					_
_ " _					-
10					_
					_
11					_
12					
13					
14					_
<del>                                     </del>					_
15					<del>-</del>
15					_
					_
16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - [	DIRECT PUSH SAMPLING		

STARTED **FINISHED**  7/17/2013 7/17/2013



SHEET	•	1 OF 1	SERVICES, INC.	G.W. DEPTH See Notes
PROJE	ECT:	BARKER CHEMICAL	L SITE LOCATION: 8473 W. SO	MERSET ROAD
PROJ.		BEV-13-030	BARKER, NI	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION	NOTES
		Brown SILT, tr.sand,	tr.organics (moist, topsoil)	
1		Light Brown SILT, litt	le Fine Sand (moist, ML)	1
			,	Sample #1 Recovery 3.1'
2		Red Brown-Brown SI	LT, some Fine Sand, occasional Clayey Silt seams	
		(moist, ML)	,	
3		Contains little f-c Gra	vel	
_ ` _				_
4		Brown Fine SAND, s	ome Silt (moist_SM)	Sample #2 Recovery 1.6'
			a, occasional moist-wet seams	Campic #2 Necovery 1.0
 5		becomes Rea-brown	i, occasional moist-wet seams	-
—		Contains little f-c Gra	vel	-
				$\vdash$
6				<del> </del>
			e Fine Sand (moist, ML)	-
_ 7 _		Red-Brown Weather	ed SIL1STONE	<b>↓</b> ⊢
			Refusal at 7.1'	_
8			Netusal at 1.1	Collected samples at 0, 2', 4', and 6' for
_				
9				analytical testing.
				_
10				_
				_
11				_
				_
12				_
				_
13				<u> </u>
				_
14				_
15				
16				
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST
METHOD OF	INVESTIGA	ATION: ASTM 6282 - I	DIRECT PUSH SAMPLING	

 STARTED
 7/17/2013

 FINISHED
 7/17/2013

 SHEET
 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO.	SB-6
SURF. ELEV	
G.W. DEPTH	See Notes

PROJECT:	BARKER CHEMICAL SITE	LOCATION: 8473 W. SOMERSET ROAD
PROJ. NO.:	BEV-13-030	BARKER, NEW YORK

			<u> </u>
DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
FI.	KEADING	Dark Brown SILT, little Fine Sand, tr.gravel, tr.organics (moist, topsoil)	
_		Dark Brown Ster, little riffle Sand, tr.graver, tr.organics (moist, topsoil)	
_ 1			
		Red Brown-Brown Fine Sand, some f-c Gravel, tr.silt (moist, reworked)	Sample #1 Recovery 3.0'
2			
3		No. 1 Crush STONE, tr.sand (wet, FILL)	· <del>- </del>
_ ` —			
		Brown Fine SAND, some Silt, tr.gravel, tr.organics, occasional f-c Sand	
4		laminations (moist, SM, possible reworked)	Sample #2 Recovery 1.1'
_		Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
5	]	<u> </u>	
	1	Red-Brown Weathered SILTSTONE	
			+
_ 6	1		Callagia di accessione et
		Refusal at 5.5'	Collected samples at
7			0', 3.1', and 4' for
			analytical testing.
8			
9			
10			
11			
- ' ' —			
	1		
_12			
_ 13	]		
14	1		
- '	1		
45	1		
15	1		
16			

DRILLER: R. S	STEINER	DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF INVES	STIGATION:	ASTM 6282 - DIRECT PU	USH SAMPLING			

**STARTED** 7/17/2013 **FINISHED** 7/17/2013

#### SJB SERVICES, INC. **DIRECT PUSH LOG**



HOLE NO. SB-7 SURF. ELEV

SHEET G.W. DEPTH 1 OF See Notes PROJECT: LOCATION: 8473 W. SOMERSET ROAD BARKER CHEMICAL SITE PROJ. NO.: BEV-13-030 BARKER, NEW YORK DEPTH SOIL OR ROCK NOTES PID FT. READING CLASSIFICATION Brown-Black f-c SAND, some f-c Gravel, little Silt, tr.brick, tr.cinders (moist, FILL) Contains occasional Fine Sand seams Sample #1 Recovery 3.0' 2 Red Brown-Black SILT, tr.slag (moist, FILL) Gray-Brown SILT, tr.sand (moist, ML) 3 Sample #2 Recovery 3.0' Contains some Fine Sand, tr.gravel (moist-wet) 5 Becomes Brown Sample #3 Recovery 0.4' Collected samples at Refusal at 8.8' 2', 4', 6', and 8' for 10 analytical testing. 11 12 13 14 15 16 DRILLER: R. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION:	ASTM 6282 - DIRECT PUSH SAMPLING

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$D_r$	`''	∟.

8/6/2013 STARTED **FINISHED** 8/6/2013 SHEET 1 OF 1

## SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

G.W. DEPTH

See Notes

B-5R

LOCATION: 8473 W. SOMERSET ROAD PROJECT: BARKER CHEMICAL SITE

PROJ.	OJ. NO.: <u>BEV-13-030</u> <u>BARKER, NE</u>		W YORK		
DEPTH	PID	SOIL OR ROCK	NOTES		
FT.	READING	CLASSIFICATION			
		Brown Gray f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL)			
1		Brown to Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	_		
		Red Brown Silty CLAY, tr gravel (moist, FILL)	Sample #1 Recovery 2.6'		
2			_		
		Gray f-c gravel size ROCK FRAGMENTS (moist, FILL)	Sulphur odor noted on		
3		Dark Gray Clayey SILT, occassional f gravel size Coal seams (moist, FILL, coal	Sample #1		
		seams are wet)			
4			Sample #2 Recovery 3.1'		
		Gray f-c SAND, little Silty Clay, tr gravel (moist, SW, possible fill)			
5		Light Gray to Gray Clayey SILT, tr gravel (moist, ML)			
6		Brown to Red Brown SILT and f SAND (moist, ML)			
		Red Brown Clayey SILT, tr gravel, tr sand (moist, ML)			
7					
8					
		Red Brown Weathered SILTSTONE	_		
9			_		
			_		
10			Sample # 3 Recovery 2.0'		
_ ` _		Refusal at 10.0'	_		
11		redusal at 10.0	Collected samples at 2.5'		
` -			6' and 8' for analytical		
 12			testing		
'			_		
13					
'3			_		
14			_		
<u></u> '*—			_		
 15			<del>-</del>		
			=		
16					
16					
DRILLER:	R. Steir	ner DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY:	GEOLOGIST		
METHOD OF					

DRILLER: R. Steiner		DRILL RIG TYPE:	GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST	
METHOD OF	INVESTIGATION:	ASTM 6282 - DIRECT P	USH SAMPLING			

SHEET

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8/5/2013 8/5/2013 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

В/

G.W. DEPTH See Notes

PROJE	ECT:	BARKER CHEMICAL	SITE LOCATION: 84	473 W. SON	MERSET ROAD
PROJ.	NO.:	BEV-13-030		ARKER, NE	
DEPTH FT.	PID READING		SOIL OR ROCK CLASSIFICATION		NOTES
		Gray-Brown f-m GRA	VEL, some f-c Sand, tr.silt (moist, FILL)		
1					Sample #1 Recovery 3.4'
		Brown to Black f-c Sa	and, tr.silt, tr.coal (moist, FILL, cinders)		<u> </u>
		Dark Brown SILT tr	gravel, tr.sand (moist, ML, possible reworked)		
3					
		<u>Srown Clayey SIL</u>	T, little Fine Sand (moist, ML)	′	_
4		Red-Brown Fine SAN	ID, some Silt, tr.gravel (moist, SM)		Sample #2 Recovery 2.6'
5					_
 6		Contains and Silt (mo	pist-wet)		
_					_
7		Becomes Brown to R	ed-Brown		_
8					<u></u>
		Red-Brown SILT,	little Fine Sand (moist, ML)	//	Sample #3 Recovery 0.2'
9		Gray Weathered		/	<del>_</del>
10			Refusal at 8.2'		_
					Collected samples at 1.6',
11					2', 4', 6' and 8' for
 12					analytical testing
'					_
13					_
14					<del>-</del>
' <sup>-</sup>					
15					_
 16					
DRILLER:	R. STEIN	IER DRILL RIG TY	PE: GEOPROBE 6620DT CL	ASSIFIED BY:	S. BOCHENEK
METHOD OF			DIRECT PUSH SAMPLING	•	

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 8/7/2013

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 8/7/2013

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 1 OF 1

### SJB SERVICES, INC. DIRECT PUSH LOG



HOLE NO. SURF. ELEV

B-8R

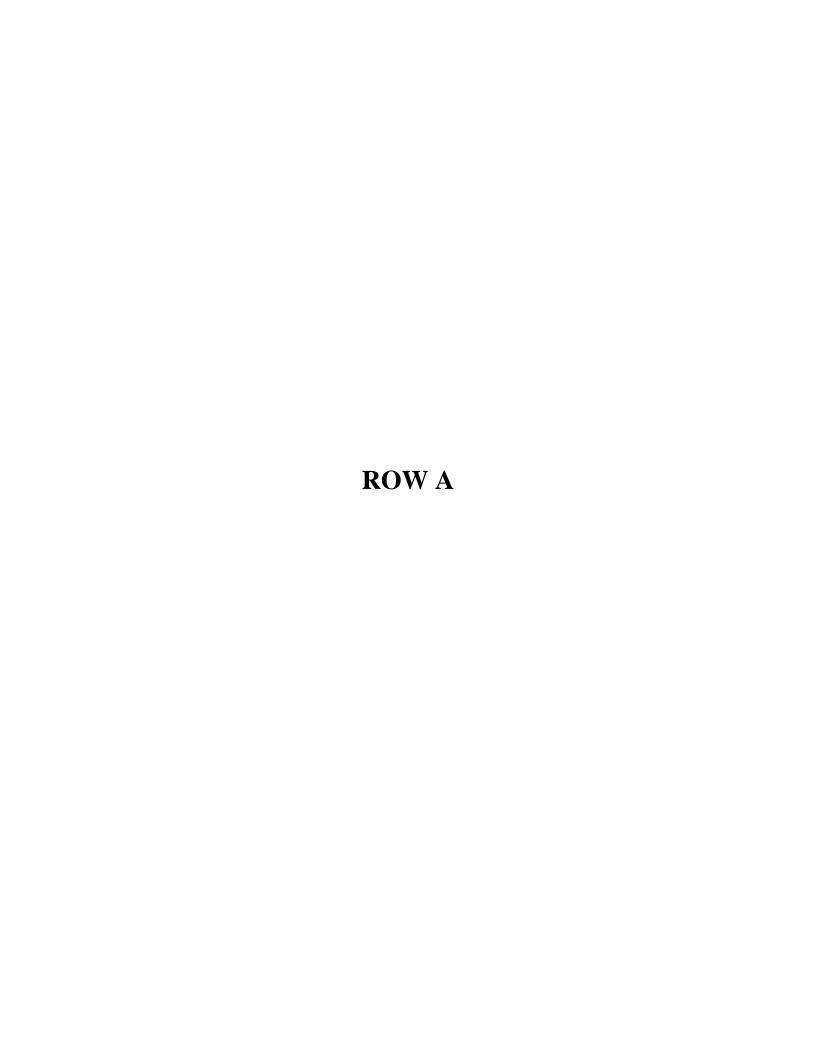
G.W. DEPTH

See Notes

PROJECT:		BARKER CHEMICAL	. SITE LO	CATION: 8473 W. SON	MERSET ROAD
PROJ. NO.: BEV-		BEV-13-030		W YORK	
DEPTH	PID		SOIL OR ROCK		NOTES
FT.	READING		CLASSIFICATION		
		Brown SILT, little f-c	Sand, tr gravel, tr organics (moist, t	topsoil)	
1		Brown f-c GRAVEL,	ittle f-c Sand, tr silt (moist, FILL)		
		Red Brown f SAND a	nd f-c Gravel (moist, FILL)		Sample #1 Recovery 2.6'
2			,		
3		Plack f m CPAVEL (	some f-c Sand, tr ash (moist, FILL,	cindors)	
<u> </u>		DIACK I-III GRAVEL,	some i-c Sand, it asii (moist, Fill,	cinders)	_
		D   D	NIT ( a a la C MI a a a a la la mana a la II)		
4			ILT (moist, ML, possible reworked)	)	Sample #2 Recovery 1.8'
		Red Brown SILT, little	e f Gravel, little f Sand (moist, ML)		
5					_
					_
6		Contains tr gravel			_
7					
		Red Brown Weather	ed SILTSTONE		Collected samples at 2.6',
8			Refusal at 7.2'		4' and 6' for analytical
					testing
9					_
_ " _					_
10					, <del></del>
11					_
12					
13					
14	1				
<u> </u>				_	
15	-			_	
15	-			-	
	-			_	
16					
DRILLER:	R. Steir	ner DRILL RIG TY	PE: GEOPROBE 6620DT	CLASSIFIED BY:	GEOLOGIST
METHOD OF	F INVESTIGA	ATION: ASTM 6282 - [	DIRECT PUSH SAMPLING		

### **APPENDIX B**

## ANALYTICAL DATA: SURFACE SOIL



Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-1

Client Sample ID: A2 Date Collected: 05/07/13 09:40 Matrix: Solid

Percent Solids: 87.1 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		2.1	0.42	mg/Kg	*	05/08/13 11:30	05/08/13 21:14	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

20.5

Client Sample ID: A4

Arsenic

Date Collected: 05/07/13 09:50

Date Received: 05/07/13 14:55

Lab Sample ID: 480-37785-2

₩

05/08/13 11:30

0.89 mg/Kg

Matrix: Solid

05/09/13 14:09

Percent Solids: 49.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 4.4

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 05/07/13 14:55

Lab Sample ID: 480-37785-3

**Client Sample ID: A5** Date Collected: 05/07/13 09:55 Matrix: Solid

Percent Solids: 72.6

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 6.8 2.6 0.53 mg/Kg 05/08/13 11:30 05/09/13 14:11

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 05/07/13 14:55

Lab Sample ID: 480-37785-4

**Client Sample ID: A6** Date Collected: 05/07/13 10:00 Matrix: Solid

Percent Solids: 80.2

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 38.3 2.5 0.50 mg/Kg 05/08/13 11:30 05/09/13 14:13

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A7 Lab Sample ID: 480-37785-5

Date Collected: 05/07/13 10:05 Matrix: Solid
Date Received: 05/07/13 14:55 Percent Solids: 69.9

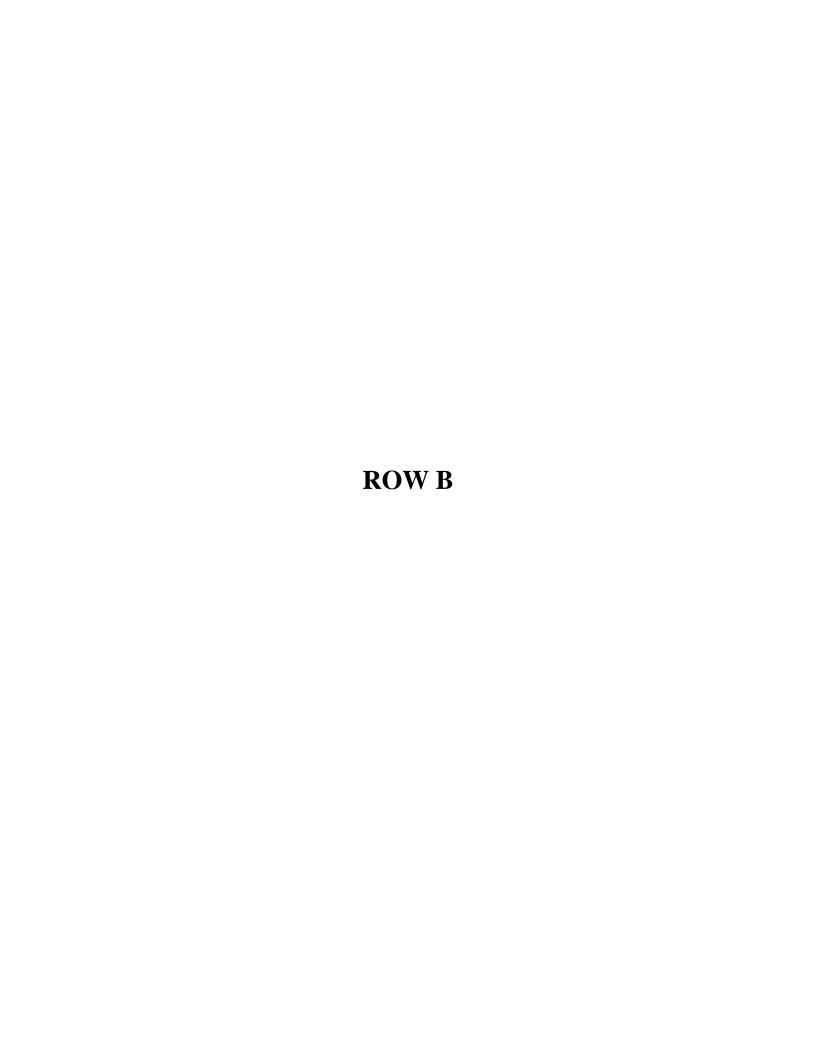
Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 14.8 2.8 0.56 mg/Kg 05/08/13 11:30 05/09/13 14:16



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Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B4 Lab Sample ID: 480-37785-6

Date Collected: 05/07/13 10:50 Matrix: Solid
Date Received: 05/07/13 14:55 Percent Solids: 60.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 22.0 3.4 0.68 mg/Kg 05/08/13 11:30 05/09/13 14:18

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-7

Client Sample ID: B5 Date Collected: 05/07/13 10:45 Matrix: Solid

Percent Solids: 73.2

Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 7.9 2.9 0.59 mg/Kg 05/08/13 11:30 05/09/13 14:20

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-8

Client Sample ID: B6 Date Collected: 05/07/13 10:40 Matrix: Solid

Percent Solids: 67.1 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18.4		3.0	0.61	mg/Kg	₽	05/08/13 11:30	05/09/13 14:38	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7 Lab Sample ID: 480-37785-9

Date Collected: 05/07/13 10:35

Date Received: 05/07/13 14:55

Matrix: Solid
Percent Solids: 65.2

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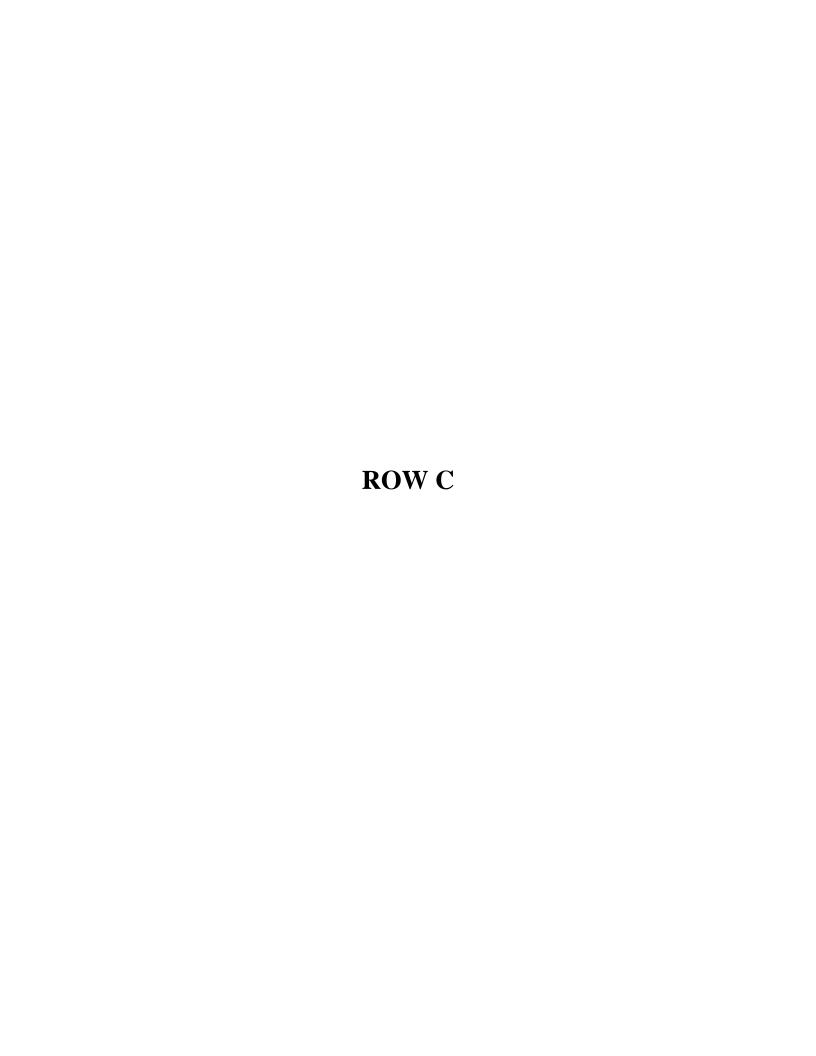
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Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C2 Lab Sample ID: 480-37785-10

Date Collected: 05/07/13 11:35

Date Received: 05/07/13 14:55

Matrix: Solid
Percent Solids: 67.7

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL U	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	192		3.0	0.59 r	ng/Kg	*	05/08/13 11:30	05/09/13 14:43	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C3 Lab Sample ID: 480-37785-11

Date Collected: 05/07/13 11:25

Matrix: Solid
Date Received: 05/07/13 14:55

Percent Solids: 38.3

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL b
 Unit mg/Kg
 D
 Prepared Pre

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Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-12

Client Sample ID: C4 Date Collected: 05/07/13 11:20 Matrix: Solid

Percent Solids: 40.7 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1560	-	4.9	0.98	mg/Kg	₽	05/08/13 11:30	05/09/13 14:47	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-13

Client Sample ID: C5 Date Collected: 05/07/13 11:15 Matrix: Solid

Percent Solids: 48.0 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	808		4.3	0.85 mg/K	g 🜣	05/08/13 11:30	05/09/13 14:50	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-14

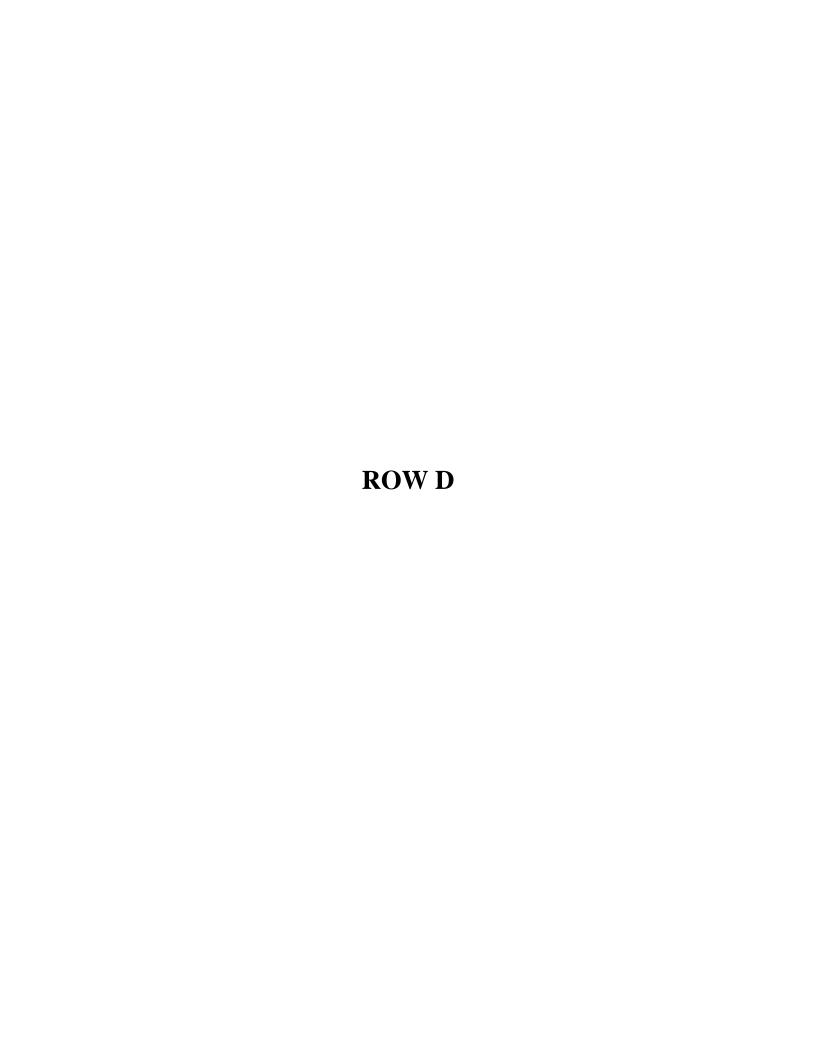
Client Sample ID: C6 Date Collected: 05/07/13 11:05

Matrix: Solid

Date Received: 05/07/13 14:55

Percent Solids: 42.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	736		4.7	0.93	mg/Kg	*	05/08/13 11:30	05/09/13 14:52	1



Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D2

Lab Sample ID: 480-37785-16

Matrix: Solid

Date Collected: 05/07/13 13:40 Date Received: 05/07/13 14:55 Percent Solids: 54.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 126 3.3 0.67 mg/Kg 05/08/13 11:30 05/09/13 15:04

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D3

Date Collected: 05/07/13 13:30

Date Received: 05/07/13 14:55

Lab Sample ID: 480-37785-17

Matrix: Solid

Percent Solids: 69.3

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	775	3.1	0.61	mg/Kg	₩	05/08/13 11:30	05/09/13 15:06	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D4 Lab Sample ID: 480-37785-18

Date Collected: 05/07/13 13:25 Matrix: Solid Percent Solids: 71.0 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.9		2.6	0.52	mg/Kg	₽	05/08/13 11:30	05/08/13 22:21	1

Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-37785-19

Client Sample ID: D5 Date Collected: 05/07/13 13:20 Matrix: Solid

Percent Solids: 67.7 Date Received: 05/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9	-	3.1	0.61	mg/Kg	₩	05/08/13 11:30	05/08/13 22:24	1







Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D6 Lab Sample ID: 480-37785-20

 Date Collected: 05/07/13 13:15
 Matrix: Solid

 Date Received: 05/07/13 14:55
 Percent Solids: 68.0

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 28
 Unit Unit
 D Prepared Prepared
 Analyzed Analyzed
 Dil Fac Dil Fa

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Client: New York State D.E.C. TestAmerica Job ID: 480-37785-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D7 Lab Sample ID: 480-37785-15

 Method: 6010B - Metals (ICP)
 Result Analyte
 Qualifier
 RL
 MDL VIDITY
 Unit
 D VIDITY
 Prepared Prepared
 Analyzed Analyzed
 Dil Fac

 Arsenic
 5.4
 2.7
 0.55
 mg/Kg
 05/08/13 11:30
 05/09/13 14:54
 1

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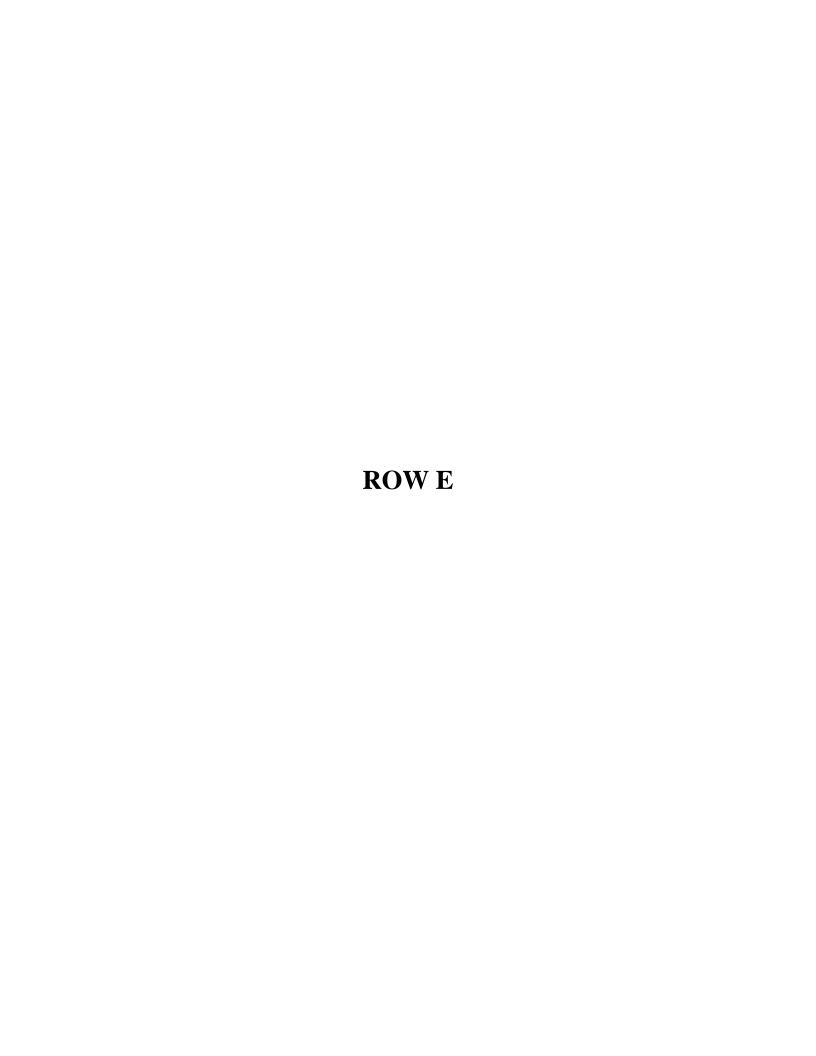
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Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-38257-1

Client Sample ID: E2
Date Collected: 05/14/13 10:40
Date Received: 05/14/13 14:35

Matrix: Solid
Percent Solids: 87.5

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4 75.6
 2.5
 0.50
 mg/Kg
 \*\* 05/15/13 16:00
 05/17/13 21:14
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Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 05/14/13 14:35

Lab Sample ID: 480-38257-2

Client Sample ID: E3 Date Collected: 05/14/13 10:35 Matrix: Solid

Percent Solids: 77.4

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 12.5 2.5 0.50 mg/Kg 05/15/13 16:00 05/17/13 21:16

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-38257-3

Client Sample ID: E4 Date Collected: 05/14/13 10:30 Matrix: Solid

Percent Solids: 84.7 Date Received: 05/14/13 14:35

	Method: 6010B - Metals (ICP)									
l	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	27.7		2.6	0.51	mg/Kg	*	05/15/13 16:00	05/17/13 21:18	1

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E5 Lab Sample ID: 480-38257-4

Date Collected: 05/14/13 10:25 Matrix: Solid Percent Solids: 87.7 Date Received: 05/14/13 14:35

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.5	0.50	mg/Kg	**	05/15/13 16:00	05/17/13 21:21	1





Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Arsenic

Lab Sample ID: 480-38257-5

05/17/13 21:28

05/15/13 16:00

Client Sample ID: E6 Date Collected: 05/14/13 10:20 Matrix: Solid

Percent Solids: 88.9

Date Received: 05/14/13 14:35 Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.2

0.43 mg/Kg

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 05/14/13 14:35

Arsenic

Lab Sample ID: 480-38257-6

05/17/13 21:30

05/15/13 16:00

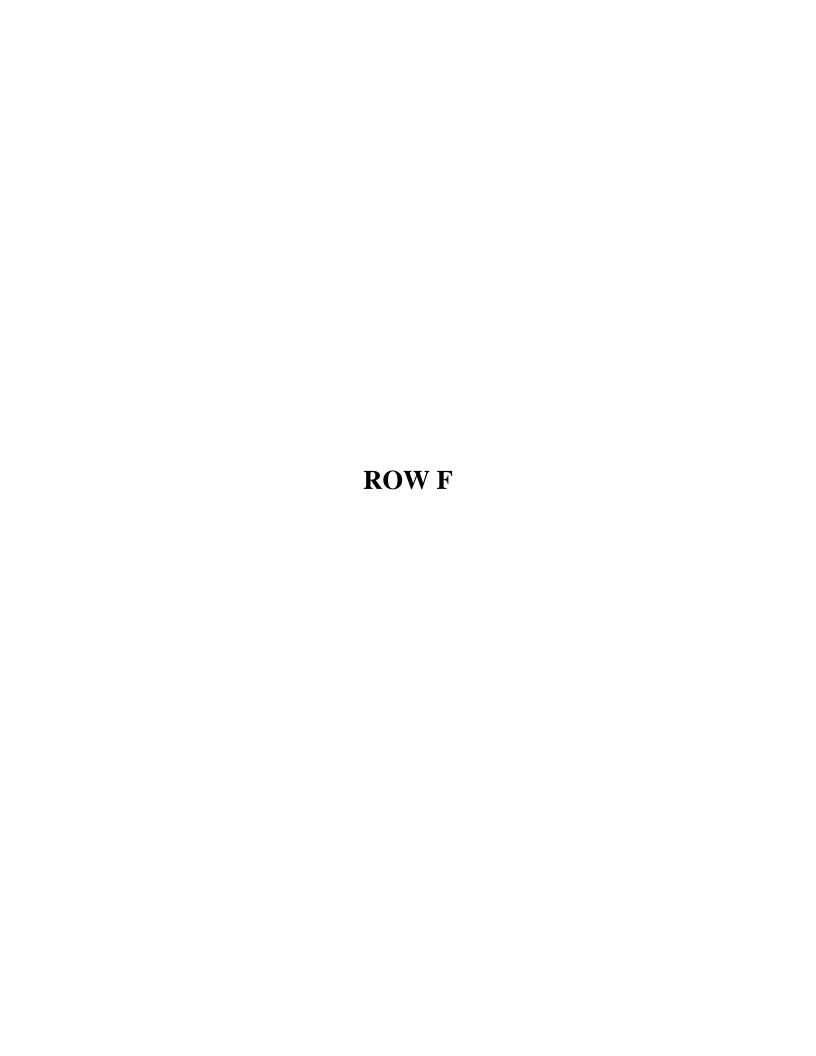
Client Sample ID: E7 Date Collected: 05/14/13 10:15 Matrix: Solid

Percent Solids: 87.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.1

0.43 mg/Kg



Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F2 Lab Sample ID: 480-38257-7

Date Collected: 05/14/13 11:18 Matrix: Solid Percent Solids: 86.7 Date Received: 05/14/13 14:35

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.0		2.3	0.46	mg/Kg	<b>‡</b>	05/15/13 16:00	05/17/13 21:32	1









Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 05/14/13 14:35

**Client Sample ID: F3** Lab Sample ID: 480-38257-8 Date Collected: 05/14/13 11:12 Matrix: Solid

Percent Solids: 89.5

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 5.3 2.4 0.47 mg/Kg 05/15/13 16:00 05/17/13 21:35

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-38257-9

Client Sample ID: F4 Date Collected: 05/14/13 11:07 Matrix: Solid

Percent Solids: 87.2

Date Received: 05/14/13 14:35

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 4.9 2.4 0.47 mg/Kg 05/15/13 16:00 05/17/13 21:37

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-38257-10

**Client Sample ID: F5** Date Collected: 05/14/13 11:03 Matrix: Solid

Date Received: 05/14/13 14:35 Percent Solids: 86.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 7.6 2.3 0.47 mg/Kg 05/15/13 16:00 05/17/13 21:39

Client: New York State D.E.C. TestAmerica Job ID: 480-38257-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-38257-11

Client Sample ID: F6

Date Collected: 05/14/13 11:00

Date Received: 05/14/13 14:35

Matrix: Solid
Percent Solids: 74.5

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.9	0.58	mg/Kg	₩	05/15/13 16:00	05/17/13 21:42	1

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# MISCELLANEOUS LOCATIONS

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SS1 Lab Sample ID: 480-41968-37

Date Collected: 07/12/13 09:10 Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 74.2

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	21.5		2.5	0.50	mg/Kg	₽	07/16/13 12:40	07/18/13 20:47	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-38

Client Sample ID: SS2 Date Collected: 07/12/13 09:15 Matrix: Solid

Percent Solids: 80.0 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.4		2.4	0.47	mg/Kg	\$	07/16/13 12:40	07/18/13 20:54	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB2 (0) Lab Sample ID: 480-42138-54

Date Collected: 07/17/13 10:33 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 79.0

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.6	0.52	mg/Kg	₩	07/18/13 10:05	07/25/13 03:57	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-50

Client Sample ID: SB3 (0) Date Collected: 07/17/13 09:32 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 76.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.5 2.6 0.51 mg/Kg 07/18/13 10:05 07/25/13 03:42

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB4 (0)

Date Collected: 07/17/13 09:00

Lab Sample ID: 480-42138-46

Matrix: Solid

Percent Solids: 83.9 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.4		2.4	0.48	mg/Kg	₽	07/18/13 10:05	07/25/13 03:31	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-42 Client Sample ID: SB5 (0)

Date Collected: 07/17/13 08:42 Matrix: Solid Percent Solids: 81.7 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.4		2.6	0.52	mg/Kg	₽	07/18/13 10:05	07/25/13 03:05	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

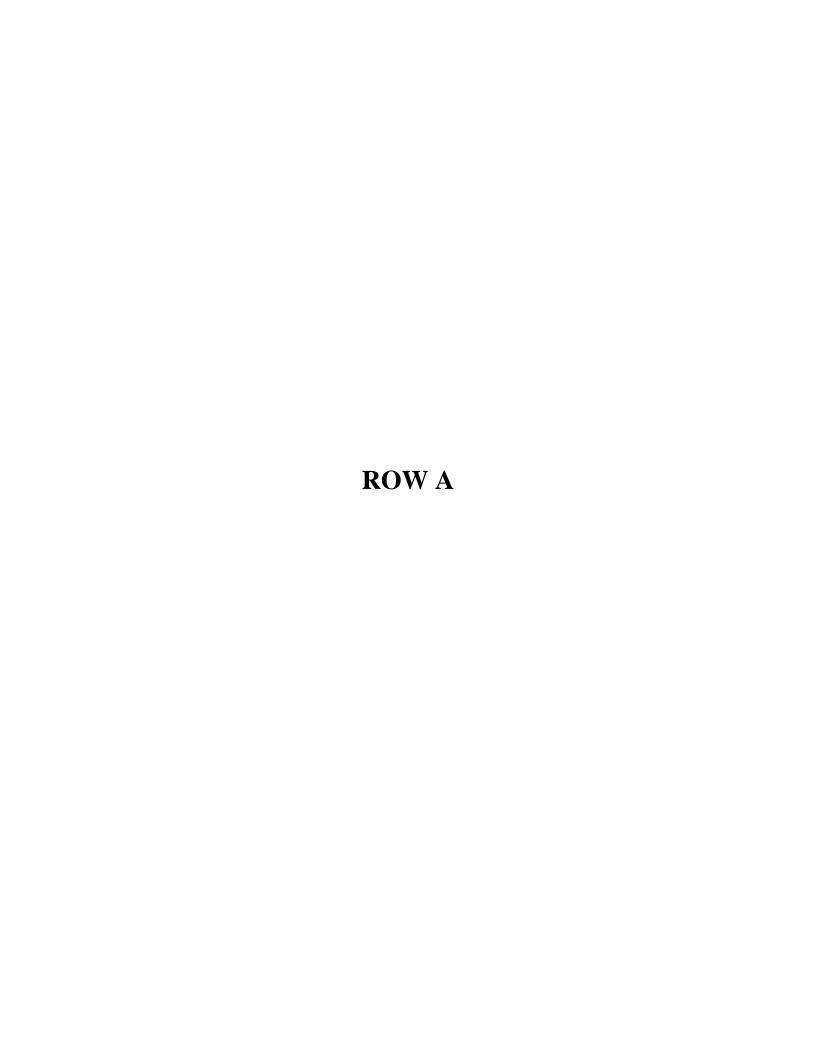
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB6 (0') Lab Sample ID: 480-42138-57

Date Collected: 07/17/13 10:55 Matrix: Solid Date Received: 07/17/13 14:25 Percent Solids: 74.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 2.8 0.56 mg/Kg 07/18/13 10:05 07/25/13 04:05

# APPENDIX C ANALYTICAL DATA: SUBSURFACE SOIL



Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-1

Client Sample ID: A(-2) 2ft Date Collected: 08/07/13 08:50 Matrix: Solid

Percent Solids: 85.0

Method: 6010B - Metals (ICP) Dil Fac Analyte RL

Result Qualifier MDL Unit D Prepared Analyzed ₩ Arsenic 4.9 2.3 0.46 mg/Kg 08/09/13 14:50 08/12/13 12:14

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-2) 4ft

Date Collected: 08/07/13 08:50

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-2

Matrix: Solid

Percent	Solids:	80.	6	

Method: 6010B - Metals (In Analyte	,	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		2.7	0.55	mg/Kg	<del>\tilde</del>	08/09/13 14:50	08/12/13 12:17	1
Barium	190		0.68	0.15	mg/Kg	₽	08/09/13 14:50	08/12/13 12:17	1
Cadmium	0.11	J	0.27	0.041	mg/Kg	₽	08/09/13 14:50	08/12/13 12:17	1
Chromium	13.0		0.68	0.27	mg/Kg	₽	08/09/13 14:50	08/12/13 12:17	1
Lead	5.4		1.4	0.33	mg/Kg	₽	08/09/13 14:50	08/12/13 12:17	1
Selenium	ND		5.5	0.55	mg/Kg	₩	08/09/13 14:50	08/12/13 12:17	1
Silver	ND		0.68	0.27	mg/Kg	₩	08/09/13 14:50	08/12/13 12:17	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.024	0.0099	mg/Kg	*	08/09/13 08:20	08/09/13 12:17	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-2) 6ft

Lab Sample ID: 480-43456-3

Date Collected: 08/07/13 08:50 Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 85.3

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		2.4	0.49	mg/Kg	₽	08/09/13 14:50	08/12/13 12:20	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-2) 8ft Lab Sample ID: 480-43456-4

 Date Collected: 08/07/13 08:50
 Matrix: Solid

 Date Received: 08/07/13 14:55
 Percent Solids: 89.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 5.0 2.3 0.47 mg/Kg 08/09/13 14:50 08/12/13 12:23

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-1)2.8FT

Lab Sample ID: 480-43265-26

Matrix: Solid

Date Collected: 08/05/13 16:00 Percent Solids: 94.3 Date Received: 08/06/13 13:00

	Method: 6010B - Metals (ICP)									
l	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	38.9		2.2	0.45	mg/Kg	*	08/07/13 15:20	08/09/13 02:17	1

TestAmerica Job ID: 480-43265-1 Client: New York State D.E.C.

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-1)4FT

Date Collected: 08/05/13 16:00

Date Received: 08/06/13 13:00

Nickel

Silver

Sodium

Thallium

Zinc

Vanadium

Potassium

Selenium

Lab Sample ID: 480-43265-27

☼ 08/07/13 15:20 08/09/13 02:20

☼ 08/07/13 15:20 08/09/13 02:20

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Matrix: Solid

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Percent Solids: 95.6

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1090		10.9	4.8	mg/Kg	*	08/07/13 15:20	08/09/13 02:20	1
Antimony	ND		16.3	0.44	mg/Kg	≎	08/07/13 15:20	08/09/13 02:20	1
Arsenic	28.1		2.2	0.44	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Barium	63.6		0.54	0.12	mg/Kg	₽	08/07/13 15:20	08/09/13 11:45	1
Beryllium	0.13	J	0.22	0.030	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Cadmium	0.071	J	0.22	0.033	mg/Kg	≎	08/07/13 15:20	08/09/13 11:45	1
Calcium	4600	В	54.4	3.6	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Chromium	2.3		0.54	0.22	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Cobalt	ND		0.54	0.054	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Copper	19.3		1.1	0.23	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Iron	477	B7	10.9	1.2	mg/Kg	≎	08/07/13 15:20	08/09/13 11:45	1
Lead	24.5		1.1	0.26	mg/Kg	₽	08/07/13 15:20	08/09/13 11:45	1
Magnesium	213	В	21.8	1.0	mg/Kg	₽	08/07/13 15:20	08/09/13 02:20	1
Manganese	8.4	В	0.22	0.035	mg/Kg	₩	08/07/13 15:20	08/09/13 02:20	1

5.4

32.7

4.4

0.54

152

6.5

0.54

2.2

0.25 mg/Kg

21.8 mg/Kg

0.44 mg/Kg

0.22 mg/Kg

14.2 mg/Kg

0.33 mg/Kg

0.12 mg/Kg

0.17 mg/Kg

Method: 7471A - Mercury (CVAA) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Mercury	0.0095	J	0.019	0.0077	ma/Ka		08/07/13 11:09	08/07/13 15:16		

ND

929 ND

ND

80.2 J

ND

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-1)6FT

Lab Sample ID: 480-43265-28

Matrix: Solid

Date Collected: 08/05/13 16:00 Percent Solids: 94.0 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.8		2.3	0.46	mg/Kg	₩	08/07/13 15:20	08/09/13 02:23	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A(-1)8FT Lab Sample ID: 480-43265-29

 Date Collected: 08/05/13 16:00
 Matrix: Solid

 Date Received: 08/06/13 13:00
 Percent Solids: 94.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.8 1.9 0.38 mg/Kg 08/07/13 15:20 08/09/13 02:25

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A0(2.3FT)

Date Collected: 08/05/13 15:00

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-22

Matrix: Solid

Percent Solids: 96.9

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4.5
 1.9
 0.38
 mg/Kg
 \*\* 08/07/13 15:20
 08/09/13 01:50
 1







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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A0(4FT)

Lab Sample ID: 480-43265-23

 Date Collected: 08/05/13 15:00
 Matrix: Solid

 Date Received: 08/06/13 13:00
 Percent Solids: 96.7

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.1		2.2	0.45	mg/Kg	☼	08/07/13 15:20	08/09/13 01:53	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A0(6FT)

Lab Sample ID: 480-43265-24

Matrix: Solid

Date Collected: 08/05/13 15:00 Percent Solids: 97.4 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		2.0	0.40	mg/Kg	≎	08/07/13 15:20	08/09/13 01:56	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A0(8FT)

Lab Sample ID: 480-43265-25

Matrix: Solid

Date Collected: 08/05/13 15:00 Percent Solids: 95.9 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.0	0.39	mg/Kg	₩	08/07/13 15:20	08/09/13 02:14	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A1(2FT)

Date Collected: 08/05/13 09:53

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-1

Matrix: Solid

Percent Solids: 95.4

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	57.4		2.3	0.45	mg/Kg	₽	08/07/13 15:20	08/08/13 15:14	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A1(4FT) Lab Sample ID: 480-43265-2

Date Collected: 08/05/13 09:53 Matrix: Solid Percent Solids: 95.9 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7	2.1	0.42	mg/Kg	₩	08/07/13 15:20	08/08/13 15:17	1





Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A1 (6')

Date Collected: 07/10/13 10:20

Date Received: 07/12/13 11:30

Lab Sample ID: 480-41851-1

Matrix: Solid

Percent Solids: 87.9

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		2.2	0.44	mg/Kg	₩	07/15/13 14:00	07/16/13 20:38	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/12/13 11:30

Lab Sample ID: 480-41851-2

Client Sample ID: A1 (8') Date Collected: 07/10/13 10:20 Matrix: Solid

Percent Solids: 88.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 5.4 2.2 0.45 mg/Kg 07/15/13 14:00 07/16/13 20:40

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A1 (10')

Lab Sample ID: 480-41851-3

Matrix: Solid

Date Collected: 07/10/13 10:20 Percent Solids: 92.6 Date Received: 07/12/13 11:30

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.1	0.41	mg/Kg	₽	07/15/13 14:00	07/16/13 20:43	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-3

Client Sample ID: A2(1,2FT)

Date Collected: 08/05/13 10:25

Matrix: Solid
Percent Solids: 95.6

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D
 Prepared Prepared Prepared Manalyzed Dil Fac Mg/Kg
 Description

 Arsenic
 6.5
 2.3
 0.46
 mg/Kg
 \*\*
 08/07/13 15:20
 08/08/13 15:38
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-4

Client Sample ID: A2 (4') Date Collected: 07/10/13 11:07 Date Received: 07/12/13 11:30

Matrix: Solid

Percent Solids: 88.2

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Amenda	2.5	2.4	0.40	ma/Ka	77	07/15/12 14:00	07/16/12 20:50	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-5

Client Sample ID: A2 (6')

Date Collected: 07/10/13 11:07

Date Received: 07/12/13 11:30

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Matrix: Solid Percent Solids: 88.5

- Method: 6010B - Metals (ICP)
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Arsenic
 3.1
 1.8
 0.37 mg/Kg
 \$\frac{\text{m}}{\text{D}}\$ | \$\frac{\text{Trippind}}{\text{d}}\$ | \$\text{Trippind}\$ | \$\text{Trippind}\$

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A2 (8') Lab Sample ID: 480-41851-6 Date Collected: 07/10/13 11:07 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 89.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 5.2 2.1 0.42 mg/Kg 07/15/13 14:00 07/16/13 20:55

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A3(2FT)

Lab Sample ID: 480-43265-4

Date Collected: 08/05/13 10:52 Matrix: Solid
Date Received: 08/06/13 13:00 Percent Solids: 96.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.1 2.1 0.41 mg/Kg 08/07/13 15:20 08/08/13 15:41

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-7

Client Sample ID: A3 (4')

Date Collected: 07/10/13 11:40

Date Received: 07/12/13 11:30

Matrix: Solid Percent Solids: 90.3

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.1	0.42 mg/Kg	≎	07/15/13 14:00	07/16/13 20:57	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/06/13 13:00

Client Sample ID: A3(4FT) Lab Sample ID: 480-43265-5 Date Collected: 08/05/13 10:52 Matrix: Solid

Percent Solids: 96.3

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.2 2.0 0.40 mg/Kg 08/07/13 15:20 08/08/13 15:44

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

5.0

Client Sample ID: A3 (8')

Date Collected: 07/10/13 11:40

Arsenic

Lab Sample ID: 480-41851-8

07/16/13 21:00

Matrix: Solid

07/15/13 14:00

Percent Solids: 89.8

Date Received: 07/12/13 11:30 Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.1

0.43 mg/Kg

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-9

Client Sample ID: A3 (8.3')
Date Collected: 07/10/13 11:40
Date Received: 07/12/13 11:30

Matrix: Solid

Percent Solids: 92.9

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D
 Prepared
 Analyzed
 Dil Fac

 4.6
 2.4
 0.48
 mg/Kg
 307/15/13 14:00
 07/16/13 21:03
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-10

Client Sample ID: A4 (2') Date Collected: 07/10/13 12:07 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 87.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.8 2.4 0.49 mg/Kg 07/15/13 14:00 07/16/13 21:05

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A4 (4')

Date Collected: 07/10/13 12:07

Lab Sample ID: 480-41851-11

Matrix: Solid

Percent Solids: 90.7

Date Received: 07/12/13 11:30 Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.5 2.3 0.45 mg/Kg 07/15/13 14:00 07/16/13 21:08

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A4 (5.6')

Lab Sample ID: 480-41851-12

Date Collected: 07/10/13 12:07

Date Received: 07/12/13 11:30

Matrix: Solid
Percent Solids: 89.8

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D
 Prepared Prepa

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-13

Client Sample ID: A5 (2') Date Collected: 07/10/13 13:20 Matrix: Solid

Percent Solids: 81.2 Date Received: 07/12/13 11:30

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.9	J	2.1	0.42	mg/Kg	*	07/15/13 14:00	07/16/13 21:13	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-14

Client Sample ID: A5 (4') Date Collected: 07/10/13 13:20 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 89.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 19.3 2.2 0.44 mg/Kg 07/15/13 14:00 07/18/13 10:31

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-15

Client Sample ID: A5 (6') Date Collected: 07/10/13 13:20 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 90.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.6 2.4 0.47 mg/Kg 07/15/13 14:00 07/18/13 10:34

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A5 (6.9')

Date Collected: 07/10/13 13:20

Lab Sample ID: 480-41851-16

Matrix: Solid

Percent Solids: 89.4 Date Received: 07/12/13 11:30

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		2.2	0.44 mg/K	g 🜣	07/15/13 14:00	07/18/13 10:36	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A6 (2')

Date Collected: 07/10/13 13:50

Lab Sample ID: 480-41851-17

Matrix: Solid

Date Collected: 07/10/13 13:50
Date Received: 07/12/13 11:30

Date Received: 07/12/13 11:30 Percent Solids: 87.9

Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		2.5	0.51	mg/Kg	₩	07/15/13 14:00	07/18/13 10:39	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A6 (4')

Date Collected: 07/10/13 13:50

Date Received: 07/12/13 11:30

Arsenic

Lab Sample ID: 480-41851-18

07/15/13 14:00

Matrix: Solid

07/18/13 10:41

Percent Solids: 89.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 1.9

0.39 mg/Kg

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-19 Client Sample ID: A6 (6.4')

Date Collected: 07/10/13 13:50 Matrix: Solid Percent Solids: 89.0 Date Received: 07/12/13 11:30

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		2.1	0.41	ma/Ka	*	07/15/13 14:00	07/18/13 10:44	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A7 (2')

Lab Sample ID: 480-41851-20

 Date Collected: 07/10/13 14:15
 Matrix: Solid

 Date Received: 07/12/13 11:30
 Percent Solids: 87.0

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL graph
 Unit mg/Kg
 D mg/Kg
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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-21

Client Sample ID: A7 (4')
Date Collected: 07/10/13 14:15
Date Received: 07/12/13 11:30

Matrix: Solid

Percent Solids: 90.0

ercent Solids: 90.0

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		2.2	0.43 mg/Kg	≎	07/15/13 14:00	07/16/13 19:02	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: A7 (5.4')

Date Collected: 07/10/13 14:15

Lab Sample ID: 480-41851-22

Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 90.3

olids: 90.3

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		2.3	0.46	mg/Kg	₽	07/15/13 14:00	07/16/13 19:05	1

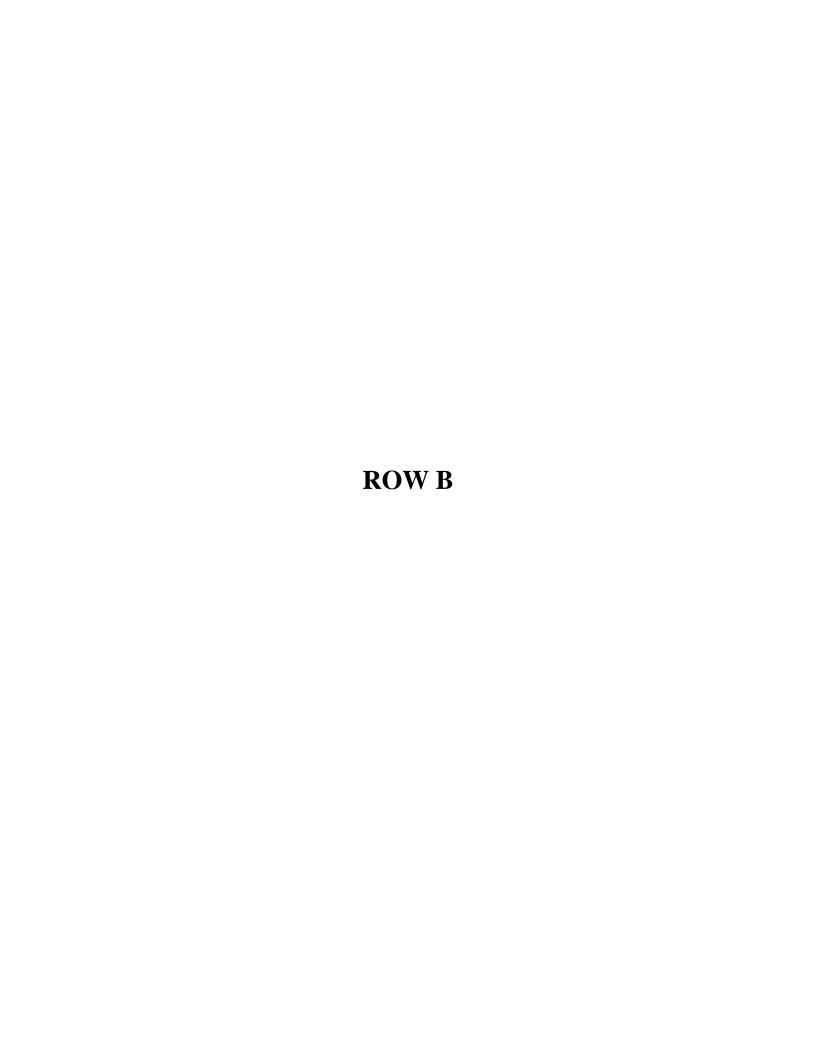
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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B(-2) 2ft Lab Sample ID: 480-43456-5 Date Collected: 08/07/13 09:30 Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 86.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 5.9 2.3 0.45 mg/Kg 08/09/13 14:50 08/12/13 12:42

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B(-2) 4ft

Lab Sample ID: 480-43456-6

Matrix: Solid

Date Collected: 08/07/13 09:30 Percent Solids: 84.0 Date Received: 08/07/13 14:55

Analyte	Result Qualific	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4	2.2	0.44	mg/Kg	<del>\$</del>	08/09/13 14:50	08/12/13 12:45	1
Barium	93.1	0.55	0.12	mg/Kg	₽	08/09/13 14:50	08/12/13 12:45	1
Cadmium	0.27	0.22	0.033	mg/Kg	≎	08/09/13 14:50	08/12/13 12:45	1
Chromium	7.3	0.55	0.22	mg/Kg	₽	08/09/13 14:50	08/12/13 12:45	1
Lead	3.8	1.1	0.27	mg/Kg	₽	08/09/13 14:50	08/12/13 12:45	1
Selenium	ND	4.4	0.44	mg/Kg	₽	08/09/13 14:50	08/12/13 12:45	1
Silver	ND	0.55	0.22	mg/Kg	₽	08/09/13 14:50	08/12/13 12:45	1

ı	_									
	Method: 7471A - Mercury (CVAA)									
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Mercury	0.019	T	0.022	0.0089	ma/Ka	<u></u>	08/09/13 08:20	08/09/13 12:18	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-7

Matrix: Solid

Percent Solids: 88.7

Client Sample ID: B(-2) 5.5ft
Date Collected: 08/07/13 09:30
Date Received: 08/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.1	0.43	mg/Kg	₩	08/09/13 14:50	08/12/13 12:48	1
Barium	68.2		0.53	0.12	mg/Kg	≎	08/09/13 14:50	08/12/13 12:48	1
Cadmium	0.056	J	0.21	0.032	mg/Kg	₽	08/09/13 14:50	08/12/13 12:48	1
Chromium	12.0		0.53	0.21	mg/Kg	≎	08/09/13 14:50	08/12/13 12:48	1
Lead	3.1		1.1	0.26	mg/Kg	≎	08/09/13 14:50	08/12/13 12:48	1
Selenium	ND		4.3	0.43	mg/Kg	≎	08/09/13 14:50	08/12/13 12:48	1
Silver	ND		0.53	0.21	mg/Kg	₩	08/09/13 14:50	08/12/13 12:48	1

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Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.023	0.0092	mg/Kg	₩	08/09/13 08:20	08/09/13 12:21	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-8

Client Sample ID: B(-2) 8ft Date Collected: 08/07/13 09:30 Matrix: Solid

Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.5 2.2 0.44 mg/Kg 08/09/13 14:50 08/12/13 12:51

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43507-4 Client Sample ID: B (-1) 2FT

Date Collected: 08/06/13 09:30 Matrix: Solid Percent Solids: 86.0 Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		2.3	0.46	mg/Kg	₩	08/09/13 14:50	08/12/13 10:59	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B (-1) 4FT

Date Collected: 08/06/13 09:30 Date Received: 08/08/13 15:45 Lab Sample ID: 480-43507-5

Matrix: Solid

Percen

Matrix. Cond	
t Solids: 87.1	

Method: 6010B - Metals (IC	CP)							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9	2.2	0.44	mg/Kg	<del>\tilde{\pi}</del>	08/09/13 14:50	08/12/13 11:02	1
Barium	90.7	0.56	0.12	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1
Cadmium	0.18 J	0.22	0.033	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1
Chromium	32.8	0.56	0.22	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1
Lead	2.5	1.1	0.27	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1
Selenium	ND	4.4	0.44	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1
Silver	ND	0.56	0.22	mg/Kg	₽	08/09/13 14:50	08/12/13 11:02	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.024	0.0096	ma/Ka		08/09/13 08:20	08/09/13 11:55	

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B (-1) 6FT Lab Sample ID: 480-43507-6

Date Collected: 08/06/13 09:30 Matrix: Solid Percent Solids: 85.9 Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.3	0.46 mg/Kg	₽	08/09/13 14:50	08/12/13 11:05	1



Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B (-1) 8FT Lab Sample ID: 480-43507-7

Date Collected: 08/06/13 09:30 Matrix: Solid
Date Received: 08/08/13 15:45 Percent Solids: 89.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.9 2.1 0.42 mg/Kg 08/09/13 14:50 08/12/13 11:19

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43265-18

Client Sample ID: B0(1.8FT) Date Collected: 08/05/13 14:12 Matrix: Solid

Percent Solids: 95.4 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	34.4		2.1	0.41	mg/Kg	₽	08/07/13 15:20	08/08/13 16:25	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B0(3FT)

Date Collected: 08/05/13 14:12

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-19

Matrix: Solid
Percent Solids: 84.6

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D Prepared mg/Kg
 Analyzed Prepared mg/Kg
 D MORITIAN MINISTRATION MINISTR

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43265-20

Client Sample ID: B0(6FT) Date Collected: 08/05/13 14:12 Matrix: Solid

Percent Solids: 95.1 Date Received: 08/06/13 13:00

Method: 6010B - I	Metals (ICP)										
Analyte		Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Arsenic		3.4		2.0	0.40	ma/Ka	₽	08/07/13 15:20	08/08/13 16:36	1	

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43265-21 Client Sample ID: B0(8FT)

Date Collected: 08/05/13 14:12 Matrix: Solid Percent Solids: 95.0 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2		2.1	0.42	mg/Kg	*	08/07/13 15:20	08/09/13 01:47	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-1 (2')

Lab Sample ID: 480-41968-10

Matrix: Solid

Date Collected: 07/12/13 10:07 Date Received: 07/15/13 14:10 Percent Solids: 72.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 128 3.0 0.59 mg/Kg 07/16/13 12:40 07/18/13 19:11

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-1 (4')

Lab Sample ID: 480-41968-11

 Date Collected: 07/12/13 10:07
 Matrix: Solid

 Date Received: 07/15/13 14:10
 Percent Solids: 85.9

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.2
 Unit 0.4
 D 9.2
 Prepared Prepared

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-1 (6')

Lab Sample ID: 480-41968-12

Date Collected: 07/12/13 10:07

Matrix: Solid
Date Received: 07/15/13 14:10

Matrix: Solids: 90.7

Method: 6010B - Metals (ICP)

 Analyte
 Result Qualifier
 RL
 MDL Unit
 D mg/Kg
 Prepared Prepared
 Analyzed Dil Fac

 Arsenic
 5.1
 2.1
 0.42 mg/Kg
 07/16/13 12:40
 07/18/13 19:16
 1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-13

Client Sample ID: B-1 (6.9') Date Collected: 07/12/13 10:07 Matrix: Solid

Percent Solids: 88.7 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6	2.4	0.48 mg/Kg	₩	07/16/13 12:40	07/18/13 19:18	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-2 (2')

Lab Sample ID: 480-41968-7

Date Collected: 07/12/13 09:40 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 81.9

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	80.6		2.3	0.46	mg/Kg	₽	07/16/13 12:40	07/18/13 19:03	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-8

Client Sample ID: B-2 (4') Date Collected: 07/12/13 09:40 Matrix: Solid Date Received: 07/15/13 14:10

Percent Solids: 87.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.5 2.2 0.44 mg/Kg 07/16/13 12:40 07/18/13 19:06

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-2 (6')

Lab Sample ID: 480-41968-9

Date Collected: 07/12/13 09:40 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 87.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		2.5	0.51	mg/Kg	₩	07/16/13 12:40	07/18/13 19:08	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-3 (2') Lab Sample ID: 480-41968-4

Date Collected: 07/12/13 09:05 Matrix: Solid Percent Solids: 83.3 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		2.4	0.47	mg/Kg	₩	07/16/13 12:40	07/18/13 18:41	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-3 (4')

Lab Sample ID: 480-41968-5

Matrix: Solid

Date Collected: 07/12/13 09:05 Date Received: 07/15/13 14:10 Percent Solids: 90.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.4 2.2 0.45 mg/Kg 07/16/13 12:40 07/18/13 18:43

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 14:10

Lab Sample ID: 480-41968-6

Client Sample ID: B-3 (6') Date Collected: 07/12/13 09:05 Matrix: Solid

Percent Solids: 91.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.3 2.3 0.45 mg/Kg 07/16/13 12:40 07/18/13 18:46

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-4 (2')

Lab Sample ID: 480-41968-1

Date Collected: 07/12/13 08:17
Date Received: 07/15/13 14:10

Matrix: Solid
Percent Solids: 89.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.5 2.3 0.46 mg/Kg 07/16/13 09:50 07/18/13 18:29

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-4 (4')

Lab Sample ID: 480-41968-2

Date Collected: 07/12/13 08:17
Date Received: 07/15/13 14:10
Matrix: Solid
Percent Solids: 90.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.3 2.3 0.46 mg/Kg 07/16/13 09:50 07/18/13 18:31

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 14:10

Arsenic

Lab Sample ID: 480-41968-3

07/18/13 18:34

07/16/13 09:50

Client Sample ID: B-4 (5.8') Date Collected: 07/12/13 08:17 Matrix: Solid

Percent Solids: 87.7

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ 2.5

0.49 mg/Kg

3.7

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-5 (2')

Lab Sample ID: 480-41851-29

Matrix: Solid

Date Collected: 07/10/13 15:20 Percent Solids: 75.0 Date Received: 07/12/13 11:30

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1	-	2.9	0.57	mg/Kg	₩	07/15/13 14:00	07/16/13 19:27	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-30

Client Sample ID: B-5 (4') Date Collected: 07/10/13 15:20 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 87.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.8 2.5 0.49 mg/Kg 07/15/13 14:00 07/16/13 19:29

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-31

Client Sample ID: B-5 (6.4') Date Collected: 07/10/13 15:20 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 88.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 11.4 2.0 0.41 mg/Kg 07/15/13 14:00 07/16/13 19:32

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-6 (2')

Date Collected: 07/10/13 15:00

Date Received: 07/12/13 11:30

Lab Sample ID: 480-41851-26

Matrix: Solid

Percent Solids: 84.6

 Method: 6010B - Metals (ICP)
 Result Arsenic
 Qualifier
 RL St.
 MDL William
 Unit William
 D William
 Prepared Prepared William
 Analyzed Dil Factor

 Arsenic
 2.8
 2.5
 0.50
 mg/Kg
 07/15/13 14:00
 07/16/13 19:15
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-6 (4')

Date Collected: 07/10/13 15:00

Date Received: 07/12/13 11:30

Lab Sample ID: 480-41851-27

. Matrix: Solid

Percent Solids: 90.0

- Method: 6010B - Metals (ICP)
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

Arsenic 3.4 2.5 0.49 mg/Kg © 07/15/13 14:00 07/16/13 19:17

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Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B-6 (6')

Lab Sample ID: 480-41851-28

Matrix: Solid

Date Collected: 07/10/13 15:00 Date Received: 07/12/13 11:30 Percent Solids: 91.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.8 2.4 0.49 mg/Kg 07/15/13 14:00 07/16/13 19:24

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-23

Client Sample ID: B7 (2') Date Collected: 07/10/13 14:40 Matrix: Solid

Date Received: 07/12/13 11:30 Percent Solids: 83.6

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.3	0.47	mg/Kg	*	07/15/13 14:00	07/16/13 19:07	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41851-24

07/15/13 14:00

Client Sample ID: B7 (4') Date Collected: 07/10/13 14:40 Date Received: 07/12/13 11:30

Arsenic

Matrix: Solid

07/16/13 19:10

Percent Solids: 90.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.1

0.42 mg/Kg

3.6

Client: New York State D.E.C. TestAmerica Job ID: 480-41851-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7 (5.8')

Date Collected: 07/10/13 14:40

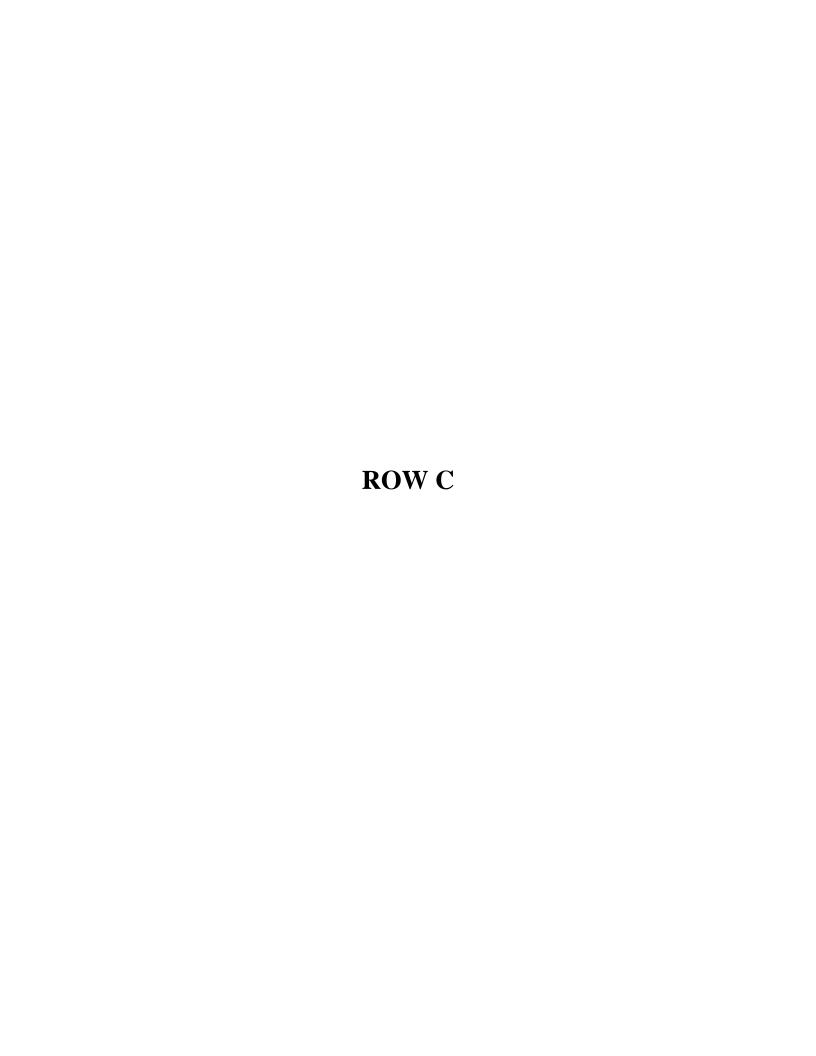
Date Received: 07/12/13 11:30

Lab Sample ID: 480-41851-25

Matrix: Solid

Percent Solids: 87.9

Method: 6010B - Metals (ICP)							
Analyte	Result Qualifi	ier RL	MDL Un	nit D	Prepared	Analyzed	Dil Fac
Arsenic	4.4	2.5	0.49 mg	g/Kg 🛱	07/15/13 14:00	07/16/13 19:12	1



Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C(-2) 2ft

Lab Sample ID: 480-43456-9

Date Collected: 08/07/13 09:55 Matrix: Solid Date Received: 08/07/13 14:55 Percent Solids: 87.3

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.2 2.0 0.41 mg/Kg 08/09/13 14:50 08/12/13 12:54

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C(-2) 4ft Date Collected: 08/07/13 09:55

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-10

Matrix: Solid

Percent Solids: 80.2

Method: 6010B - Metals (ICP)		O liff	DI.	MDI	11-4		Dogwood	A	D!! F
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13.8		2.5	0.50	mg/Kg	₩	08/09/13 14:50	08/12/13 12:56	1
Barium	222		0.63	0.14	mg/Kg	₩	08/09/13 14:50	08/12/13 12:56	1
Cadmium	0.37		0.25	0.038	mg/Kg	₽	08/09/13 14:50	08/12/13 12:56	1
Chromium	14.5		0.63	0.25	mg/Kg	₽	08/09/13 14:50	08/12/13 12:56	1
Lead	41.4		1.3	0.30	mg/Kg	₩	08/09/13 14:50	08/12/13 12:56	1
Selenium	0.52	J	5.0	0.50	mg/Kg	₩	08/09/13 14:50	08/12/13 12:56	1
Silver	ND		0.63	0.25	mg/Kg	₩	08/09/13 14:50	08/12/13 12:56	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	2.3		0.13	0.051	mg/Kg	*	08/09/13 08:20	08/09/13 13:06	5

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C(-2) 6ft

Date Collected: 08/07/13 09:55

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-11

Matrix: Solid

Percent Solids: 89.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.1 2.1 0.42 mg/Kg 08/09/13 14:50 08/12/13 12:59

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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C (-1) 3FT

Lab Sample ID: 480-43507-8

Matrix: Solid

ls: 79.7

Date Collected: 08/06/13 10:02	Matrix:
Date Received: 08/08/13 15:45	Percent Solids

Method: 6010B - Metals (IC	P)							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.8	2.6	0.52	mg/Kg	<del>\$</del>	08/09/13 14:50	08/12/13 11:27	1
Barium	201	0.66	0.14	mg/Kg	₽	08/09/13 14:50	08/12/13 11:27	1
Cadmium	0.94	0.26	0.039	mg/Kg	₩	08/09/13 14:50	08/12/13 11:27	1
Chromium	8.3	0.66	0.26	mg/Kg	₽	08/09/13 14:50	08/12/13 11:27	1
Lead	90.0	1.3	0.31	mg/Kg	₩	08/09/13 14:50	08/12/13 11:27	1
Selenium	0.69 J	5.2	0.52	mg/Kg	≎	08/09/13 14:50	08/12/13 11:27	1
Silver	1.8	0.66	0.26	mg/Kg	₩	08/09/13 14:50	08/12/13 11:27	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.025	0.010	mg/Kg	₩	08/09/13 08:20	08/09/13 11:57	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C (-1) 6FT Lab Sample ID: 480-43507-9

Date Collected: 08/06/13 10:02 Matrix: Solid
Date Received: 08/08/13 15:45 Percent Solids: 85.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 11.6 2.2 0.44 mg/Kg 08/09/13 14:50 08/12/13 11:30

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C (-1) 7,3FT

Date Collected: 08/06/13 10:02 Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-10

Matrix: Solid

Perce

macrixi oona	
nt Solids: 90.1	1

Method: 6010B - Metals (ICP) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.4	0.49	mg/Kg	<del>\tilde</del>	08/09/13 14:50	08/12/13 11:33	1
Barium	64.8		0.61	0.13	mg/Kg	₽	08/09/13 14:50	08/12/13 11:33	1
Cadmium	0.072	J	0.24	0.037	mg/Kg	≎	08/09/13 14:50	08/12/13 11:33	1
Chromium	6.4		0.61	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 11:33	1
Lead	2.7		1.2	0.29	mg/Kg	₽	08/09/13 14:50	08/12/13 11:33	1
Selenium	ND		4.9	0.49	mg/Kg	₽	08/09/13 14:50	08/12/13 11:33	1
Silver	ND		0.61	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 11:33	1

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Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0091	mg/Kg	₩	08/09/13 08:20	08/09/13 12:00	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: CO-5' (2')
Date Collected: 07/12/13 11:10

Lab Sample ID: 480-41968-14

Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 84.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.4		2.5	0.51	mg/Kg	₽	07/16/13 12:40	07/18/13 19:26	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-15

Client Sample ID: CO-5' (4') Date Collected: 07/12/13 11:10 Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 84.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.8 2.5 0.51 mg/Kg 07/16/13 12:40 07/18/13 19:28

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: CO-5' (6')

Lab Sample ID: 480-41968-16

Date Collected: 07/12/13 11:10 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 88.3

 Method: 6010B - Metals (ICP)
 Result
 Qualifier
 RL
 MDL voit
 D voit
 Prepared
 Analyzed
 Dil Fac

 Arsenic
 3.0
 2.4
 0.48 mg/Kg
 mg/Kg
 07/16/13 12:40
 07/18/13 19:30
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-17

Client Sample ID: CO-5' (8') Date Collected: 07/12/13 11:10 Matrix: Solid

Percent Solids: 88.6 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.3	0.46	mg/Kg	₩	07/16/13 12:40	07/18/13 19:33	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: CO-5' (8.8')

Lab Sample ID: 480-41968-18

Date Collected: 07/12/13 11:10 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 83.8

 Method: 6010B - Metals (ICP)
 Result
 Qualifier
 RL
 MDL viit
 D viit
 Prepared
 Analyzed
 Dil Fac

 Arsenic
 4.1
 2.5
 0.51
 mg/Kg
 70/16/13 12:40
 07/18/13 19:35
 1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: CO (4.4')

Lab Sample ID: 480-41968-19

Matrix: Solid

Date Collected: 07/12/13 10:40 Date Received: 07/15/13 14:10 Percent Solids: 78.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 98.7 2.4 0.47 mg/Kg 07/16/13 12:40 07/18/13 19:38

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C1(2FT)

Date Collected: 08/05/13 13:40

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-14

Matrix: Solid

Percent Solids: 93.9

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4 7 8 9 1.9
 36.6
 1.9
 0.39
 mg/Kg
 \*\* 08/07/13 15:20
 08/08/13 16:14
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43265-15 Client Sample ID: C1(4FT)

Date Collected: 08/05/13 13:40 Matrix: Solid Percent Solids: 95.8 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	51.1	2.3	0.46 mg/Kg	₩	08/07/13 15:20	08/08/13 16:17	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C1(6FT)

Lab Sample ID: 480-43265-16

Matrix: Solid

Date Collected: 08/05/13 13:40 Percent Solids: 97.4 Date Received: 08/06/13 13:00

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.6		2.1	0.41	mg/Kg	₽	08/07/13 15:20	08/08/13 16:19	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C1(7.3FT)

Lab Sample ID: 480-43265-17

Date Collected: 08/05/13 13:40 Matrix: Solid
Date Received: 08/06/13 13:00 Percent Solids: 96.0

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.3	0.45	mg/Kg	₩	08/07/13 15:20	08/08/13 16:22	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-2 (2')

Date Collected: 07/12/13 11:55

Date Received: 07/15/13 14:10

Lab Sample ID: 480-41968-20

Matrix: Solid

Percent Solids: 75.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	448		2.6	0.51	mg/Kg	₩	07/16/13 12:40	07/18/13 19:40	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-21

Client Sample ID: C-2 (4') Date Collected: 07/12/13 11:55 Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 91.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.0 2.2 0.44 mg/Kg 07/16/13 12:40 07/18/13 19:43

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-2 (6')

Date Collected: 07/12/13 11:55

Date Received: 07/15/13 14:10

Arsenic

Lab Sample ID: 480-41968-39

07/18/13 20:56

Matrix: Solid

07/16/13 12:40

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0.45 mg/Kg

Percent Solids: 87.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.2

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-3 (2')

Lab Sample ID: 480-41968-22

Matrix: Solid

Date Collected: 07/12/13 13:12 Percent Solids: 84.7 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.1		2.5	0.50	mg/Kg	₽	07/16/13 12:40	07/18/13 19:45	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-23

Client Sample ID: C-3 (4') Date Collected: 07/12/13 13:12 Matrix: Solid

Percent Solids: 87.9 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	18.5		2.0	0.41	mg/Kg	₩	07/16/13 12:40	07/18/13 19:48	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-3 (6')

Lab Sample ID: 480-41968-24

 Date Collected: 07/12/13 13:12
 Matrix: Solid

 Date Received: 07/15/13 14:10
 Percent Solids: 92.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.0 2.0 0.41 mg/Kg 07/16/13 12:40 07/18/13 19:59

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-4 (2')

Lab Sample ID: 480-41968-25

 Date Collected: 07/12/13 13:42
 Matrix: Solid

 Date Received: 07/15/13 14:10
 Percent Solids: 74.1

-Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	42.8		2.5	0.51	mg/Kg	*	07/16/13 12:40	07/18/13 20:02	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-4 (4')

Lab Sample ID: 480-41968-26

Date Collected: 07/12/13 13:42 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 88.4

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.1
 Unit Unit
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 Analyzed Analyzed O7/18/13 20:04
 Dil Fac Di Prepared O7/18/13 20:04

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-4 (6')

Lab Sample ID: 480-41968-27

Date Collected: 07/12/13 13:42

Matrix: Solid

Date Received: 07/15/13 14:10

Percent Solids: 90.3

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.7
 Unit width
 D 9.7
 Prepared Programme
 Analyzed Analyzed Programme
 Dil Fac Dil Fac Programme

 4 rsenic
 9.7
 2.2
 0.44
 mg/Kg
 \$\frac{1}{2}\$ 0.7/16/13 12:40
 07/18/13 20:17
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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-5 (2') Lab Sample ID: 480-41968-28

Date Collected: 07/12/13 14:07 Matrix: Solid Date Received: 07/15/13 14:10 Percent Solids: 76.7

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 50.4 2.8 0.56 mg/Kg 07/16/13 12:40 07/18/13 20:24

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-29

Client Sample ID: C-5 (4') Date Collected: 07/12/13 14:07 Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 88.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 2.8 2.1 0.42 mg/Kg 07/16/13 12:40 07/18/13 20:26

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41968-30

Client Sample ID: C-5 (5.6') Date Collected: 07/12/13 14:07 Date Received: 07/15/13 14:10

Matrix: Solid

Percent Solids: 91.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.4 2.4 0.48 mg/Kg 07/16/13 12:40 07/18/13 20:29

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-6 (2')

Lab Sample ID: 480-41968-31

Date Collected: 07/12/13 14:30 Matrix: Solid

Date Received: 07/15/13 14:10 Percent Solids: 80.4

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.3		2.5	0.50	mg/Kg	₽	07/16/13 12:40	07/18/13 20:32	1

TestAmerica Buffalo

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-6 (4') Lab Sample ID: 480-41968-32

Date Collected: 07/12/13 14:30 Matrix: Solid Percent Solids: 90.3 Date Received: 07/15/13 14:10

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.3	0.46	mg/Kg	₩	07/16/13 12:40	07/18/13 20:34	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-6 (5')

Lab Sample ID: 480-41968-33

Date Collected: 07/12/13 14:30 Matrix: Solid
Date Received: 07/15/13 14:10 Percent Solids: 89.8

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.4
 Unit 10.4
 D 9.6
 Prepared Prepare

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-7 (2') Date Collected: 07/12/13 14:50

Date Received: 07/15/13 14:10

Lab Sample ID: 480-41968-34

Matrix: Solid

Percent Solids: 71.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	33.6		2.9	0.58	mg/Kg	**	07/16/13 12:40	07/18/13 20:39	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-7 (4')

Lab Sample ID: 480-41968-35

 Date Collected: 07/12/13 14:50
 Matrix: Solid

 Date Received: 07/15/13 14:10
 Percent Solids: 87.7

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.1
 Unit Unit Unit Unit
 D 97 (16/13 12:40)
 Prepared Analyzed Analyzed O7/18/13 20:42
 Dil Fac O7/18/13 20:42

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Client: New York State D.E.C. TestAmerica Job ID: 480-41968-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: C-7 (5')

Date Collected: 07/12/13 14:50

Date Received: 07/15/13 14:10

Lab Sample ID: 480-41968-36

Matrix: Solid

Percent Solids: 89.1

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D
 Prepared Prepa

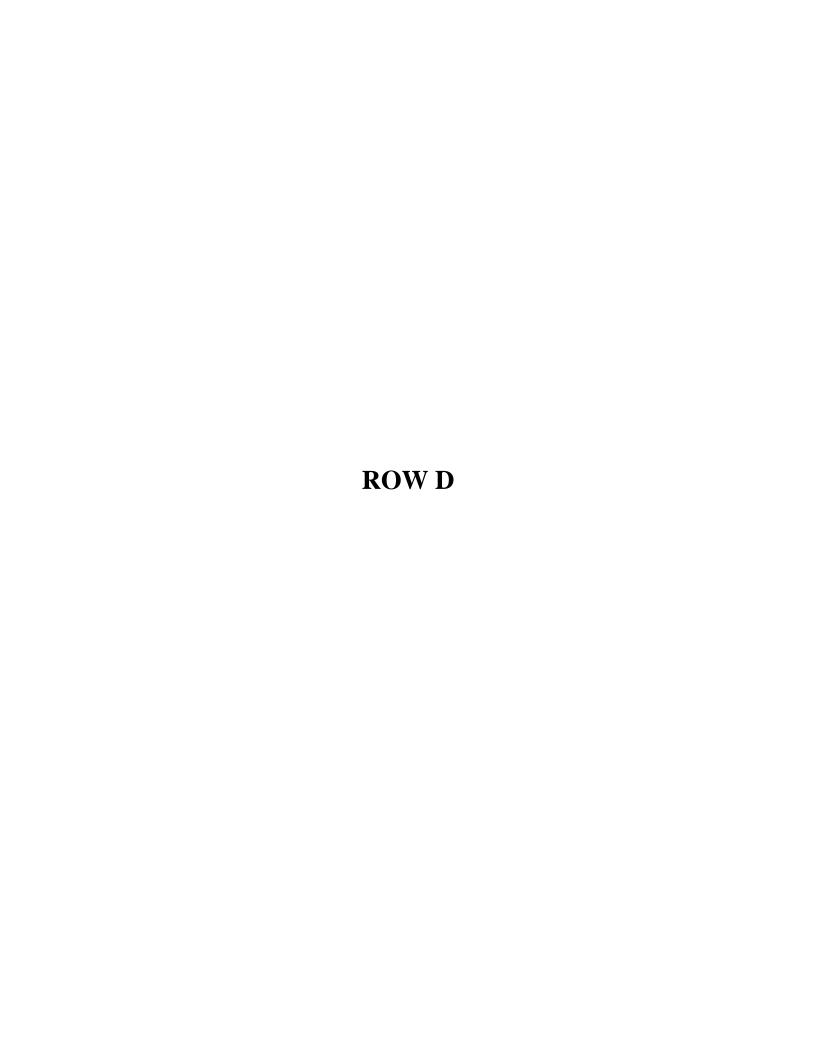
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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D(-2) 1.7 ft

Date Collected: 08/07/13 10:30 Date Received: 08/07/13 14:55 Lab Sample ID: 480-43456-12

Matrix: Solid	
Percent Solids: 86.0	

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	26.7		2.4	0.49	mg/Kg	₩	08/09/13 14:50	08/12/13 13:08	1
Barium	104		0.61	0.13	mg/Kg	₩	08/09/13 14:50	08/12/13 13:08	1
Cadmium	0.089	J	0.24	0.037	mg/Kg	₽	08/09/13 14:50	08/12/13 13:08	1
Chromium	9.1		0.61	0.24	mg/Kg	₩	08/09/13 14:50	08/12/13 13:08	1
Lead	144		1.2	0.29	mg/Kg	₩	08/09/13 14:50	08/12/13 13:08	1
Selenium	ND		4.9	0.49	mg/Kg	₩	08/09/13 14:50	08/12/13 13:08	1
Silver	ND		0.61	0.24	mg/Kg	*	08/09/13 14:50	08/12/13 13:08	1

Method: 7471A - Mercury (CVAA)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Mercury	0.060		0.022	0.0091	ma/Ka	<del></del>	08/09/13 08:20	08/09/13 12:29		

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D(-2) 4 ft

Lab Sample ID: 480-43456-13

 Date Collected: 08/07/13 10:30
 Matrix: Solid

 Date Received: 08/07/13 14:55
 Percent Solids: 90.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.5 2.4 0.48 mg/Kg 08/09/13 14:50 08/12/13 13:10

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-14 Client Sample ID: D(-2) 6 ft

Date Collected: 08/07/13 10:30 Matrix: Solid Percent Solids: 90.4 Date Received: 08/07/13 14:55

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.5	0.49	mg/Kg	**	08/09/13 14:50	08/12/13 13:13	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D (-1) 2FT

Date Collected: 08/06/13 10:45 Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-11

Matrix: Solid	
ercent Solids: 82.4	

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	47.7	2.4	0.49	mg/Kg	<b>‡</b>	08/09/13 14:50	08/12/13 11:35	1
Barium	248	0.61	0.13	mg/Kg	₽	08/09/13 14:50	08/12/13 11:35	1
Cadmium	ND	0.24	0.037	mg/Kg	≎	08/09/13 14:50	08/12/13 11:35	1
Chromium	10.6	0.61	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 11:35	1
Lead	239	1.2	0.29	mg/Kg	₽	08/09/13 14:50	08/12/13 11:35	1
Selenium	1.1 J	4.9	0.49	mg/Kg	₽	08/09/13 14:50	08/12/13 11:35	1
Silver	ND	0.61	0.24	mg/Kg	₩	08/09/13 14:50	08/12/13 11:35	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.057		0.024	0.0098	mg/Kg	*	08/09/13 08:20	08/09/13 12:05	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D (-1) 4FT

Date Collected: 08/06/13 10:45

Lab Sample ID: 480-43507-12

Matrix: Solid

Date Received: 08/08/13 15:45					Percent Solid	s: 82.2
Method: 6010B - Metals (ICP)						
	D 11 0 115	ъ.	 	_		B :: E

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	25.3		2.1	0.43	mg/Kg	₩	08/09/13 14:50	08/12/13 11:38	1
Barium	230		0.54	0.12	mg/Kg	≎	08/09/13 14:50	08/12/13 11:38	1
Cadmium	0.17	J	0.21	0.032	mg/Kg	₽	08/09/13 14:50	08/12/13 11:38	1
Chromium	12.9		0.54	0.21	mg/Kg	\$	08/09/13 14:50	08/12/13 11:38	1
Lead	73.6		1.1	0.26	mg/Kg	₽	08/09/13 14:50	08/12/13 11:38	1
Selenium	ND		4.3	0.43	mg/Kg	₽	08/09/13 14:50	08/12/13 11:38	1
Silver	ND		0.54	0.21	mg/Kg	₩	08/09/13 14:50	08/12/13 11:38	1

Method: 7471A - Mercury (CVAA)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Mercury	0.040		0.023	0.0094	mg/Kg	₩	08/09/13 08:20	08/09/13 12:08	1	

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D (-1) 6FT

Date Collected: 08/06/13 10:45

Lab Sample ID: 480-43507-13

Matrix: Solid

Date Received: 08/08/13 15:45 Percent Solids: 89.4

Method: 6010B - Metals (ICP)							
Analyte	Result Quali	ifier RL	MDL Un	it D	Prepared	Analyzed	Dil Fac
Arsenic	2.9	2.4	0.48 mg	g/Kg	08/09/13 14:50	08/12/13 11:41	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D (-1) 8FT Lab Sample ID: 480-43507-14

 Date Collected: 08/06/13 10:45
 Matrix: Solid

 Date Received: 08/08/13 15:45
 Percent Solids: 88.7

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.7 2.4 0.48 mg/Kg 08/09/13 14:50 08/12/13 11:44

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

10.8

Client Sample ID: D0 (2')

Date Collected: 07/15/13 08:25

Date Received: 07/15/13 15:58

Arsenic

Lab Sample ID: 480-41973-26

₩

07/16/13 09:50

0.51 mg/Kg

Matrix: Solid

07/18/13 17:49

Percent Solids: 80.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.6

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D0 (4') Lab Sample ID: 480-41973-27 Matrix: Solid

Date Collected: 07/15/13 08:25 Date Received: 07/15/13 15:58 Percent Solids: 90.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.0 2.2 0.45 mg/Kg 07/16/13 09:50 07/18/13 17:56

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D0 (6')

Date Collected: 07/15/13 08:25

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-28

Matrix: Solid

Percent Solids: 86.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.0 2.3 0.46 mg/Kg 07/16/13 09:50 07/18/13 17:58

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-29 Client Sample ID: D0 (7.5')

Date Collected: 07/15/13 08:25 Matrix: Solid Percent Solids: 88.6 Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.8		2.5	0.50	mg/Kg	₽	07/16/13 09:50	07/18/13 18:01	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43265-6

Client Sample ID: D1(2FT)

Date Collected: 08/05/13 11:05

Date Received: 08/06/13 13:00

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Matrix: Solid Percent Solids: 97.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.7 2.1 0.42 mg/Kg 08/07/13 15:20 08/08/13 15:47

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-30

Client Sample ID: D1 (4')
Date Collected: 07/15/13 08:52
Date Received: 07/15/13 15:58

Matrix: Solid

Percent Solids: 77.3

Method: 6010B - Metals (ICP)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL york
 Unit mg/Kg
 D mg/Kg
 Prepared Prepared of Months (13 09:50)
 Analyzed O7/18/13 18:04
 Dil Factoria

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

2.3

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D1 (6')

Date Collected: 07/15/13 08:52

Arsenic

Lab Sample ID: 480-41973-31

Matrix: Solid

Percent Solids: 91.6

Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)
Analyte Result Qualifier RL MDL Unit D Prepared A

2.9

 MDL 0.01
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 0.45 mg/Kg
 37 07/16/13 09:50
 07/18/13 18:06
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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D1 (7.8')

Date Collected: 07/15/13 08:52

Lab Sample ID: 480-41973-32

Matrix: Solid

Percent Solids: 87.3

Date Received: 07/15/13 15:58 Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.6 2.5 0.50 mg/Kg 07/16/13 09:50 07/18/13 18:09

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/06/13 13:00

Arsenic

Lab Sample ID: 480-43265-7

08/08/13 15:49

₩

08/07/13 15:20

0.37 mg/Kg

Client Sample ID: D2(2FT) Date Collected: 08/05/13 11:24 Matrix: Solid

Percent Solids: 97.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-33

Client Sample ID: D2 (4') Date Collected: 07/15/13 09:20 Matrix: Solid Percent Solids: 87.6 Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.2	0.44	mg/Kg	₽	07/16/13 09:50	07/18/13 18:11	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-34

Client Sample ID: D2 (6') Date Collected: 07/15/13 09:20 Date Received: 07/15/13 15:58

Matrix: Solid

Percent Solids: 88.2

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.1 2.3 0.47 mg/Kg 07/16/13 09:50 07/18/13 18:14

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D2 (7') Date Collected: 07/15/13 09:20

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-35

Matrix: Solid

Percent Solids: 88.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.4	0.47	ma/Ka	₩	07/16/13 09:50	07/18/13 18:16	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-36

07/16/13 09:50

Client Sample ID: D3 (2') Date Collected: 07/15/13 10:10 Date Received: 07/15/13 15:58

Arsenic

Matrix: Solid

07/18/13 18:19

Percent Solids: 78.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩

2.8

0.55 mg/Kg

44.2

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D3 (4')

Date Collected: 07/15/13 10:10

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-37

Matrix: Solid

Percent Solids: 89.9

Method: 6010B - Metals (ICP)
Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Far

 Arsenic
 4.0
 2.4
 0.47
 mg/Kg
 07/16/13 09:50
 07/18/13 18:26
 07/18/13 18:26

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-1

Client Sample ID: D3 (6') Date Collected: 07/15/13 10:10 Matrix: Solid

Percent Solids: 90.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.7 2.4 0.48 mg/Kg 07/16/13 09:50 07/23/13 21:19

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D3 (7.6')

Lab Sample ID: 480-41973-2

 Date Collected: 07/15/13 10:10
 Matrix: Solid

 Date Received: 07/15/13 15:58
 Percent Solids: 90.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 5.3 2.2 0.45 mg/Kg 07/16/13 09:50 07/23/13 21:21

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D4 (2')

Lab Sample ID: 480-41973-3

Matrix: Solid

Date Collected: 07/15/13 10:37 Date Received: 07/15/13 15:58 Percent Solids: 82.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.7 2.3 0.46 mg/Kg 07/16/13 09:50 07/23/13 21:24

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 15:58

Client Sample ID: D4 (4') Lab Sample ID: 480-41973-4 Date Collected: 07/15/13 10:37 Matrix: Solid

Percent Solids: 89.9

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 7.9 2.1 0.41 mg/Kg 07/16/13 09:50 07/23/13 21:41

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D4 (6')

Lab Sample ID: 480-41973-5

Date Collected: 07/15/13 10:37

Date Received: 07/15/13 15:58

Matrix: Solid
Percent Solids: 88.5

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL Unit	D	)	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.2	0.45 mg/K	g 🜣	£	07/16/13 09:50	07/23/13 21:44	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-6

Client Sample ID: D5 (2') Date Collected: 07/15/13 11:05 Matrix: Solid

Percent Solids: 84.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 2.0 J 2.4 0.48 mg/Kg 07/16/13 09:50 07/23/13 21:47

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D5 (4')

Lab Sample ID: 480-41973-7

Matrix: Solid

Date Collected: 07/15/13 11:05 Percent Solids: 83.3 Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL U	Init	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.45 m	ng/Kg	<b>‡</b>	07/16/13 09:50	07/23/13 21:49	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D5 (6') Date Collected: 07/15/13 11:05

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-8

Matrix: Solid

Percent Solids: 87.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.2	0.43	mg/Kg	₩	07/16/13 09:50	07/23/13 21:52	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-9

Client Sample ID: D6 (2') Date Collected: 07/15/13 11:25 Matrix: Solid

Percent Solids: 84.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 2.2 J 2.6 0.52 mg/Kg 07/16/13 09:50 07/23/13 21:54

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D6 (4')

Lab Sample ID: 480-41973-10

Date Collected: 07/15/13 11:25 Matrix: Solid
Date Received: 07/15/13 15:58 Percent Solids: 89.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.7 2.0 0.41 mg/Kg 07/16/13 09:50 07/23/13 21:57

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D6 (6')

Date Collected: 07/15/13 11:25

Lab Sample ID: 480-41973-11

Matrix: Solid

Percent Solids: 89.0

Date Received: 07/15/13 15:58 Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.0 2.2 0.43 mg/Kg 07/16/13 09:50 07/23/13 21:59

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D7 (2')

Lab Sample ID: 480-41973-12

 Date Collected: 07/15/13 11:47
 Matrix: Solid

 Date Received: 07/15/13 15:58
 Percent Solids: 97.0

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.2	0.43	ma/Ka	₽	07/16/13 09:50	07/23/13 22:02	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-13

Client Sample ID: D7 (4') Date Collected: 07/15/13 11:47 Matrix: Solid

Percent Solids: 88.5 Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7	-	2.5	0.50	mg/Kg	*	07/16/13 09:50	07/23/13 22:05	1





Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: D7 (6')

Lab Sample ID: 480-41973-14

 Date Collected: 07/15/13 11:47
 Matrix: Solid

 Date Received: 07/15/13 15:58
 Percent Solids: 88.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.3 2.5 0.50 mg/Kg 07/16/13 09:50 07/23/13 22:12

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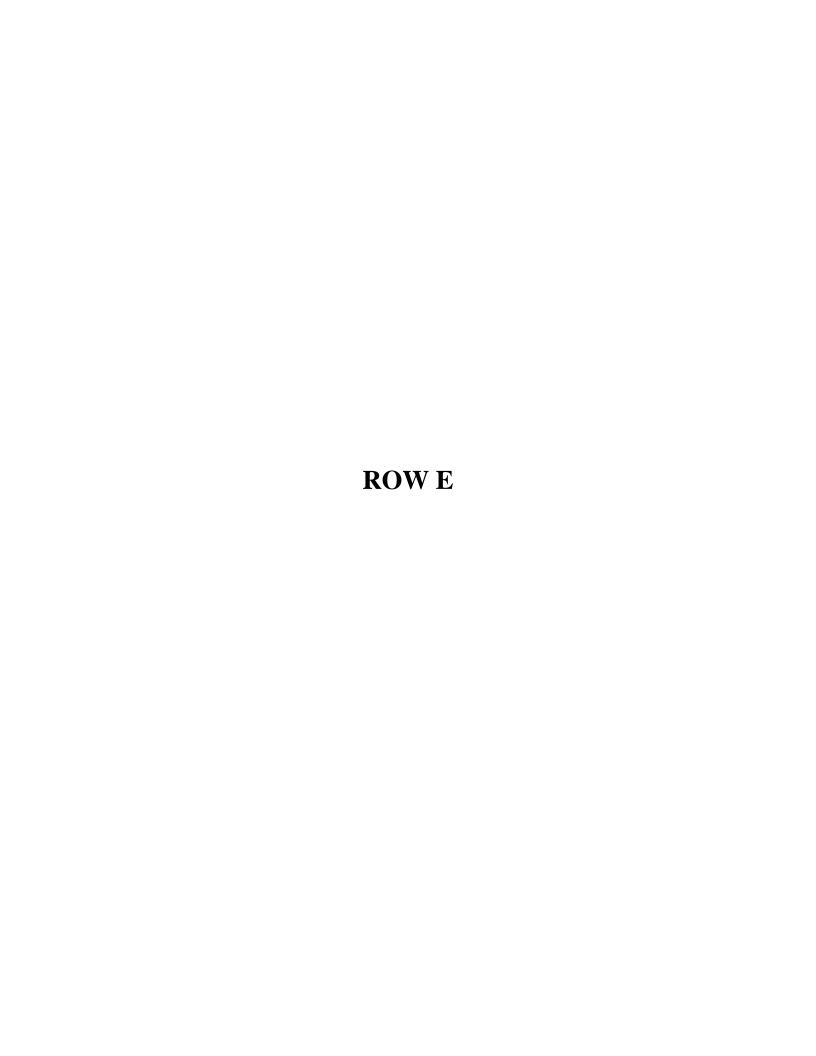
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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E(-2) 2ft Date Collected: 08/07/13 11:32 Lab Sample ID: 480-43456-15

Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 89.7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.3	0.45	mg/Kg	₩	08/09/13 14:50	08/12/13 13:16	1
Barium	68.7		0.57	0.12	mg/Kg	≎	08/09/13 14:50	08/12/13 13:16	1
Cadmium	0.069	J	0.23	0.034	mg/Kg	₽	08/09/13 14:50	08/12/13 13:16	1
Chromium	7.4		0.57	0.23	mg/Kg	\$	08/09/13 14:50	08/12/13 13:16	1
Lead	3.1		1.1	0.27	mg/Kg	₽	08/09/13 14:50	08/12/13 13:16	1
Selenium	0.68	J	4.5	0.45	mg/Kg	₽	08/09/13 14:50	08/12/13 13:16	1
Silver	ND		0.57	0.23	mg/Kg		08/09/13 14:50	08/12/13 13:16	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0082	ma/Ka	<del>*</del>	08/09/13 08:20	08/09/13 12:30	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E(-2) 4ft

Date Collected: 08/07/13 11:32

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-16

Matrix: Solid

Percent Solids: 84.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 16.6 2.3 0.47 mg/Kg 08/09/13 14:50 08/12/13 13:19

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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-17

Client Sample ID: E(-2) 6ft Date Collected: 08/07/13 11:32 Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 89.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.4 2.0 0.40 mg/Kg 08/09/13 14:50 08/12/13 13:22

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E (-1) 2FT

Date Collected: 08/06/13 11:15

Lab Sample ID: 480-43507-15

Matrix: Solid

olids: 84.8

Date Received: 08/08/13 15:45	Percent So
Mathed COAOD Matela (IOD)	
Method: 6010B - Metals (ICP)	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	59.7		2.0	0.40	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Barium	112		0.50	0.11	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Cadmium	0.066	J	0.20	0.030	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Chromium	8.0		0.50	0.20	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Lead	173		1.0	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Selenium	0.76	J	4.0	0.40	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1
Silver	ND		0.50	0.20	mg/Kg	₽	08/09/13 14:50	08/12/13 11:47	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.062		0.022	0.0090	mg/Kg	<del></del>	08/09/13 08:20	08/09/13 12:10	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E (-1) 4FT

Date Collected: 08/06/13 11:15

Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-16

Matrix: Solid

Percent Solids: 89.6

Method: 6010B - Metals (ICP)

 Analyte
 Result Qualifier
 RL
 MDL Unit
 D mg/Kg
 Prepared Prepared
 Analyzed Dil Fac

 Arsenic
 4.2
 2.4
 0.49 mg/Kg
 308/09/13 14:50
 08/12/13 11:49
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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E (-1) 6FT Lab Sample ID: 480-43507-17

Date Collected: 08/06/13 11:15

Matrix: Solid
Date Received: 08/08/13 15:45

Matrix: Solids: 89.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.3 2.1 0.42 mg/Kg 08/09/13 14:50 08/12/13 11:52

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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E (-1) 8FT

Date Collected: 08/06/13 11:15

Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-18

Matrix: Solid

Percent Solids: 90.9

Method: 6010B - Metals (ICP)

 Analyte
 Result Qualifier
 RL
 MDL Unit
 D mg/Kg
 Prepared Prepared
 Analyzed Dil Fac

 Arsenic
 4.4
 2.1
 0.42 mg/Kg
 308/09/13 14:50
 08/12/13 12:00
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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-10

Client Sample ID: E-0 (1.5') Date Collected: 07/16/13 10:07 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 83.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 465 2.6 0.52 mg/Kg 07/18/13 10:40 07/24/13 00:31

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-0 (2')

Date Collected: 07/16/13 10:07

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-11

Matrix: Solid

Percent Solids: 80.6

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4 rsenic
 6.0
 2.4
 0.48
 mg/Kg
 \* 07/18/13 10:40
 07/24/13 00:33
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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-0 (4')

Lab Sample ID: 480-42138-12

Date Collected: 07/16/13 10:07 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 87.6

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.4	0.48	mg/Kg	₩	07/18/13 10:40	07/24/13 00:41	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-0 (6')

Date Collected: 07/16/13 10:07

Lab Sample ID: 480-42138-13

Matrix: Solid

Percent Solids: 89.2

Date Received: 07/17/13 14:25 Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.0 2.2 0.44 mg/Kg 07/18/13 10:40 07/24/13 00:43

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-0 (8')

Arsenic

Lab Sample ID: 480-42138-14

07/18/13 10:40

07/24/13 00:46

Date Collected: 07/16/13 10:07 Matrix: Solid Date Received: 07/17/13 14:25 Percent Solids: 89.3

0.49 mg/Kg

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.5

5.1

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-8

Client Sample ID: E1(2.2FT) Date Collected: 08/05/13 11:43 Matrix: Solid

Percent Solids: 95.5

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 9.6 2.1 0.42 mg/Kg 08/07/13 15:20 08/08/13 15:52

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-7

Client Sample ID: E-1 (4') Date Collected: 07/16/13 09:22 Matrix: Solid

Percent Solids: 87.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 2.8 2.3 0.45 mg/Kg 07/18/13 10:40 07/24/13 00:23

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-1 (6')

Lab Sample ID: 480-42138-8

Date Collected: 07/16/13 09:22 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 89.5

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifie	er RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5	2.5	0.49	mg/Kg	☼	07/18/13 10:40	07/24/13 00:26	1



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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-9

Client Sample ID: E-1 (7.3') Date Collected: 07/16/13 09:22 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 90.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.1 2.4 0.48 mg/Kg 07/18/13 10:40 07/24/13 00:28

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-2 (2')

Lab Sample ID: 480-42138-4

Date Collected: 07/16/13 08:40 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 77.7

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 17.3 2.5 0.49 mg/Kg 07/18/13 10:40 07/24/13 00:15

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-5

Client Sample ID: E-2 (4') Date Collected: 07/16/13 08:40 Date Received: 07/17/13 14:25

Matrix: Solid

Percent Solids: 90.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		2.3	0.47	mg/Kg	₩	07/18/13 10:40	07/24/13 00:18	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

3.6

Lab Sample ID: 480-42138-6

07/18/13 10:40

Client Sample ID: E-2 (5.6') Date Collected: 07/16/13 08:40 Date Received: 07/17/13 14:25

Arsenic

Matrix: Solid

07/24/13 00:20

Percent Solids: 90.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.0

0.40 mg/Kg

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-3 (2')

Lab Sample ID: 480-42138-1

 Date Collected: 07/16/13 08:07
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 91.3

Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		2.3	0.45	mg/Kg	**	07/18/13 10:40	07/23/13 23:52	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E-3 (4') Lab Sample ID: 480-42138-2

Date Collected: 07/16/13 08:07 Matrix: Solid Percent Solids: 90.3 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.3	0.46 mg/Kg	₽	07/18/13 10:40	07/23/13 23:55	1









Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-3 Client Sample ID: E-3 (6')

Date Collected: 07/16/13 08:07 Matrix: Solid Percent Solids: 89.5 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.2	0.43	mg/Kg	₩	07/18/13 10:40	07/23/13 23:57	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E4 ('2) Lab Sample ID: 480-41973-23

 Date Collected: 07/15/13 14:32
 Matrix: Solid

 Date Received: 07/15/13 15:58
 Percent Solids: 86.5

Method: 6010B - Metals (ICP)

Analyte Result Qualifier RI MDI Unit D Prepared Analyzed Dil Fac

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Arsenic

Client Sample ID: E4 (4') Lab Sample ID: 480-41973-24 Matrix: Solid

Date Collected: 07/15/13 14:32 Date Received: 07/15/13 15:58

3.8

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.3

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07/16/13 09:50

0.45 mg/Kg

Percent Solids: 89.8

07/18/13 17:44

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E4 (5.8')

Date Collected: 07/15/13 14:32

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-25

. Matrix: Solid

Percent Solids: 88.7

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.3 2.4 0.48 mg/Kg 07/16/13 09:50 07/18/13 17:46

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E5 (2')

Date Collected: 07/15/13 14:10

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-20

Matrix: Solid

Percent Solids: 85.5

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D Prepared mg/Kg
 Analyzed Prepared mg/Kg
 D Prepared mg/Kg
 Analyzed Dil Fac

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-21

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07/16/13 09:50

0.48 mg/Kg

Client Sample ID: E5 (4') Date Collected: 07/15/13 14:10 Date Received: 07/15/13 15:58

Arsenic

Matrix: Solid

07/18/13 17:27

Percent Solids: 89.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: E5 (6')

Date Collected: 07/15/13 14:10

Date Received: 07/15/13 15:58

Lab Sample ID: 480-41973-22

Matrix: Solid

Percent Solids: 89.1

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D Prepared mg/Kg
 Analyzed Prepared mg/Kg
 D Prepared mg/Kg
 Analyzed Dil Fac

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-18

Client Sample ID: E6 (4') Date Collected: 07/15/13 13:40 Matrix: Solid

Date Received: 07/15/13 15:58 Percent Solids: 87.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.5 2.4 0.47 mg/Kg 07/16/13 09:50 07/23/13 22:23

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-19

Client Sample ID: E6 (6')
Date Collected: 07/15/13 13:40
Date Received: 07/15/13 15:58

Matrix: Solid

Percent Solids: 89.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.2 2.0 0.41 mg/Kg 07/16/13 09:50 07/23/13 22:25

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Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-15

Client Sample ID: E7 (2') Date Collected: 07/15/13 13:15 Matrix: Solid

Date Received: 07/15/13 15:58 Percent Solids: 86.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 2.7 2.2 0.44 mg/Kg 07/16/13 09:50 07/23/13 22:15

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-16

Client Sample ID: E7 (4') Date Collected: 07/15/13 13:15 Matrix: Solid

Percent Solids: 88.5 Date Received: 07/15/13 15:58

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.5	0.49	mg/Kg	₽	07/16/13 09:50	07/23/13 22:17	1

Client: New York State D.E.C. TestAmerica Job ID: 480-41973-1

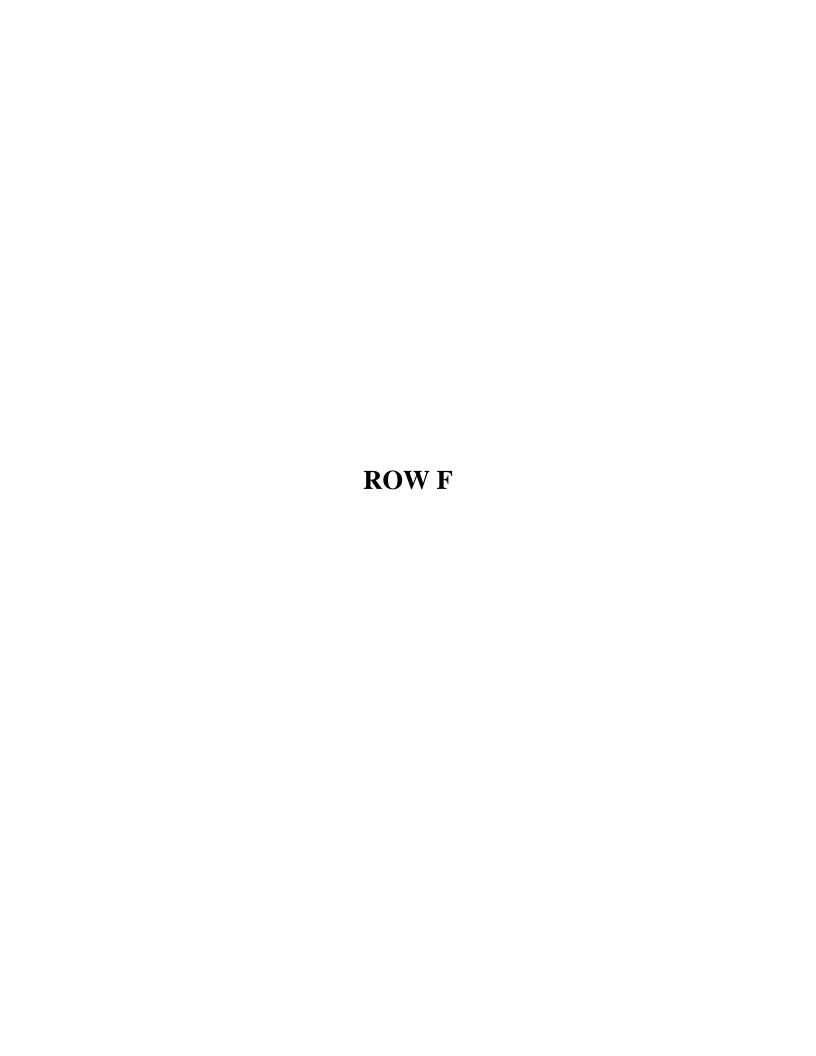
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-41973-17

Client Sample ID: E7 (6') Date Collected: 07/15/13 13:15 Matrix: Solid

Date Received: 07/15/13 15:58 Percent Solids: 87.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 2.5 2.2 0.45 mg/Kg 07/16/13 09:50 07/23/13 22:20



Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F (-1) 2FT

Lab Sample ID: 480-43507-19

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	52.8		2.4	0.48	mg/Kg	₩	08/09/13 14:50	08/12/13 12:03	1
Barium	58.5		0.59	0.13	mg/Kg	₩	08/09/13 14:50	08/12/13 12:03	1
Cadmium	0.094	J	0.24	0.036	mg/Kg	₩	08/09/13 14:50	08/12/13 12:03	1
Chromium	4.7		0.59	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 12:03	1
Lead	45.8		1.2	0.29	mg/Kg	₩	08/09/13 14:50	08/12/13 12:03	1
Selenium	0.68	J	4.8	0.48	mg/Kg	₩	08/09/13 14:50	08/12/13 12:03	1
Silver	ND		0.59	0.24	mg/Kg	₽	08/09/13 14:50	08/12/13 12:03	
•									
Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.021	0.0087	mg/Kg	<u></u>	08/09/13 08:20	08/09/13 12:12	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43507-20

Client Sample ID: F (-1) 4FT Date Collected: 08/06/13 11:42 Matrix: Solid

Percent Solids: 90.7 Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6	2.3	0.46 mg/Kg	<b>₩</b>	08/09/13 14:50	08/12/13 12:06	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

RL

2.1

MDL Unit

0.42 mg/Kg

D

Prepared

08/12/13 15:50

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Analyte

Arsenic

Lab Sample ID: 480-43507-21

Client Sample ID: F (-1) 6FT
Date Collected: 08/06/13 11:42

Matrix: Solid Percent Solids: 91.3

Analyzed

08/14/13 04:31

Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)

Result Qualifier

3.3

Dil Fac

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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F (-1) 8FT

Lab Sample ID: 480-43507-22

Matrix: Solid

Date Collected: 08/06/13 11:42 Percent Solids: 94.0 Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.2	0.45	mg/Kg	<b>‡</b>	08/12/13 15:50	08/14/13 04:34	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-0 (2')

Date Collected: 07/16/13 11:05

Lab Sample ID: 480-42138-19

Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 81.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 194 2.6 0.51 mg/Kg 07/18/13 10:40 07/24/13 00:59

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-20

Client Sample ID: F-0 (4') Date Collected: 07/16/13 11:05 Date Received: 07/17/13 14:25

Matrix: Solid

Percent Solids: 87.1

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.5	0.50	mg/Kg	*	07/18/13 10:40	07/24/13 01:02	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-0 (6')

Lab Sample ID: 480-42138-21

Date Collected: 07/16/13 11:05

Date Received: 07/17/13 14:25

Matrix: Solid
Percent Solids: 89.9

Method: 6010B - Metals (ICP)									
Analyte	Result Q	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		2.4	0.48	mg/Kg	≎	07/19/13 10:05	07/25/13 04:26	1





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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-22

Client Sample ID: F-0 (8') Date Collected: 07/16/13 11:05 Matrix: Solid

Percent Solids: 88.8 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		2.3	0.45	mg/Kg	₩	07/19/13 10:05	07/25/13 04:28	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-1 (2.4')

Lab Sample ID: 480-42138-23

 Date Collected: 07/16/13 11:30
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 87.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 112 2.4 0.48 mg/Kg 07/19/13 10:05 07/25/13 04:31

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-24 Client Sample ID: F-1 (4')

Date Collected: 07/16/13 11:30 Matrix: Solid Percent Solids: 86.6 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3	·	2.4	0.48	mg/Kg	₩	07/19/13 10:05	07/25/13 04:44	1



Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-1 (6')

Lab Sample ID: 480-42138-25

 Date Collected: 07/16/13 11:30
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 87.4

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.4
 Unit 10.4
 D 9.6
 Prepared Prepare

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-1 (8')

Lab Sample ID: 480-42138-26

 Date Collected: 07/16/13 11:30
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 90.3

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL graph
 Unit mg/Kg
 D mg/Kg
 Prepared prepared
 Analyzed Analyzed pil Fac prepared
 Dil Fac prepared

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-2 (2') Lab Sample ID: 480-42138-27

Date Collected: 07/16/13 12:52 Matrix: Solid Date Received: 07/17/13 14:25 Percent Solids: 84.6

Method: 6010B - Metals (ICP)

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.1 2.4 0.48 mg/Kg 07/19/13 10:05 07/25/13 04:57

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-28

Client Sample ID: F-2 (4') Date Collected: 07/16/13 12:52 Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 91.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 3.4 2.3 0.46 mg/Kg 07/19/13 10:05 07/25/13 05:00

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-29

Client Sample ID: F-3 (2')
Date Collected: 07/16/13 13:21
Date Received: 07/17/13 14:25

Matrix: Solid

Percent Solids: 79.7

Method: 6010B - Metals (ICP)							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsonic	8.7	2.5	0.51 mg/Kg	<u> </u>	07/19/13 10:05	07/25/13 05:03	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-3 (4')

Date Collected: 07/16/13 13:21

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-30

Matrix: Solid

Percent Solids: 89.7

Method: 6010B - Metals (ICP)

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D Prepared mg/Kg
 Analyzed Prepared mg/Kg
 D Dil Fac Di

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-4 (2')

Lab Sample ID: 480-42138-31

Date Collected: 07/16/13 13:45

Date Received: 07/17/13 14:25

Matrix: Solid
Percent Solids: 89.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.7 2.5 0.49 mg/Kg 07/19/13 10:05 07/25/13 05:08

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-4 (4')

Lab Sample ID: 480-42138-32

 Date Collected: 07/16/13 13:45
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 83.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 6.2 2.5 0.50 mg/Kg 07/19/13 10:05 07/25/13 05:11

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-33

Client Sample ID: F-4 (5.7')

Date Collected: 07/16/13 13:45

Lab Sample ID: F-4 (5.7')

Matrix: Solid Percent Solids: 81.9

Method: 6010B - Metals (ICP)

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-5 (2')

Lab Sample ID: 480-42138-34

 Date Collected: 07/16/13 14:06
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 67.3

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 10.6 2.8 0.56 mg/Kg 07/19/13 10:05 07/25/13 05:26

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-5 (4')

Lab Sample ID: 480-42138-35

 Date Collected: 07/16/13 14:06
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 86.6

- Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.1	0.42	mg/Kg	*	07/19/13 10:05	07/25/13 05:29	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-6 (2')

Lab Sample ID: 480-42138-36

Matrix: Solid

Date Collected: 07/16/13 14:42 Percent Solids: 80.1 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.3	0.46	mg/Kg	₽	07/19/13 10:05	07/25/13 05:31	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-6 (4')

Lab Sample ID: 480-42138-37

 Date Collected: 07/16/13 14:42
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 89.4

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.6 2.0 0.41 mg/Kg 07/19/13 10:05 07/25/13 05:34

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F-6 (6')

Date Collected: 07/16/13 14:42

Lab Sample ID: 480-42138-38

Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 89.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 2.9 2.4 0.48 mg/Kg 07/19/13 10:05 07/25/13 05:36

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F7 (2')

Lab Sample ID: 480-42138-39

Date Collected: 07/17/13 08:10

Date Received: 07/17/13 14:25

Matrix: Solid
Percent Solids: 88.4

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit MDL Unit
 D Prepared MDL MDL Unit
 Analyzed Dil Fac

 4 resenic
 3.9
 2.4
 0.48 mg/Kg
 07/19/13 10:05
 07/25/13 05:39
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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F7 (4')

Lab Sample ID: 480-42138-40

 Date Collected: 07/17/13 08:10
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 88.9

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.2
 Unit 0.4
 D 9.2
 Prepared Prepared

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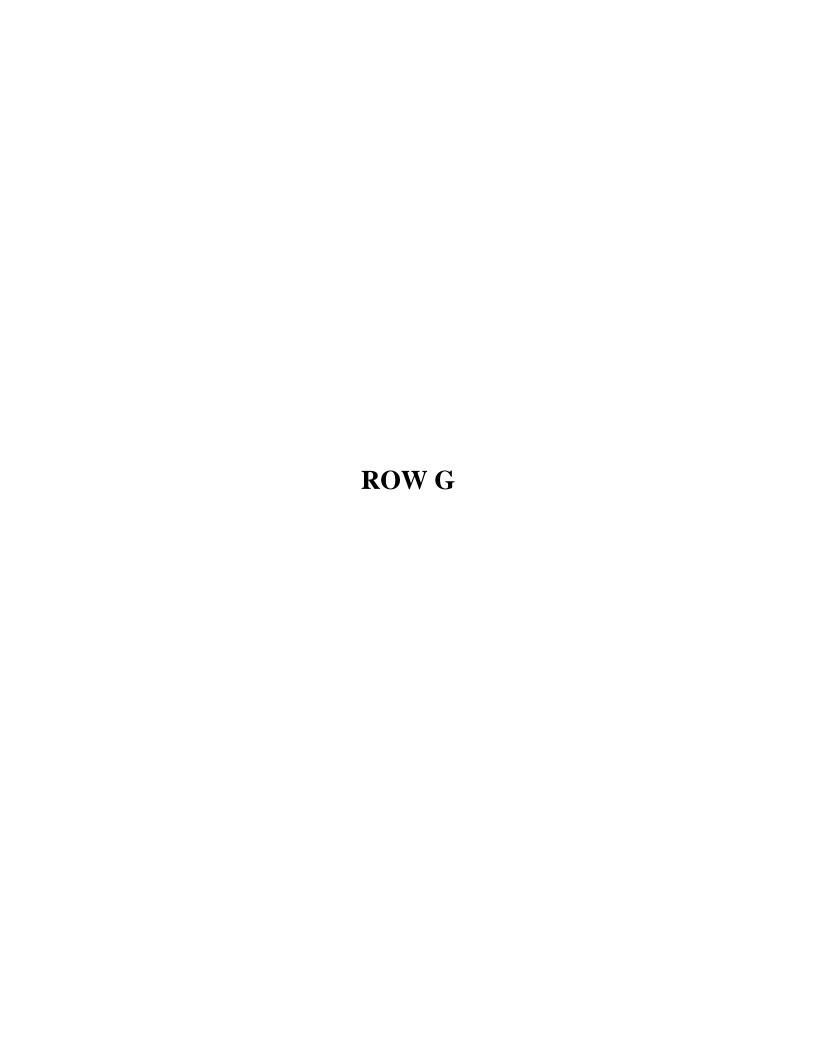
Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: F7 (5') Lab Sample ID: 480-42138-41

Date Collected: 07/17/13 08:10 Matrix: Solid Percent Solids: 89.0 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.2	0.44	mg/Kg	₩	07/18/13 10:05	07/25/13 03:03	1



Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G (-1) 2.2FT

Lab Sample ID: 480-43507-23

Matrix: Solid Percent Solids: 87.7

Date Collected: 08/06/13 13:00 Date Received: 08/08/13 15:45

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		2.5	0.50	mg/Kg	₩	08/12/13 15:50	08/14/13 04:48	1
Barium	74.6		0.63	0.14	mg/Kg	₩	08/12/13 15:50	08/14/13 04:48	1
Cadmium	0.043	J	0.25	0.038	mg/Kg	₽	08/12/13 15:50	08/14/13 04:48	1

Barium	74.6	0.63	0.14 mg/Kg	₽	08/12/13 15:50	08/14/13 04:48	1
Cadmium	0.043 J	0.25	0.038 mg/Kg	₩	08/12/13 15:50	08/14/13 04:48	1
Chromium	5.4	0.63	0.25 mg/Kg	₽	08/12/13 15:50	08/14/13 04:48	1
Lead	32.8	1.3	0.30 mg/Kg	₩	08/12/13 15:50	08/14/13 04:48	1
Selenium	ND	5.0	0.50 mg/Kg	₩	08/12/13 15:50	08/14/13 04:48	1
Silver	ND	0.63	0.25 mg/Kg	- T	08/12/13 15:50	08/14/13 04:48	1

Method: 7471A - Mercury (CVAA) Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.022	0.0091	mg/Kg	<del>-</del>	08/09/13 08:20	08/09/13 12:14	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G (-1) 4FT

Date Collected: 08/06/13 13:00

Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-24

Matrix: Solid

Percent Solids: 89.3

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D
 Prepared Prepared Prepared Manalyzed Dil Fac Mg/Kg
 Description

 4 mg/Kg
 \$\frac{1}{2}\$ 08/12/13 15:50
 08/14/13 04:50
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Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G0 (2FT) Date Collected: 08/06/13 13:40

Lab Sample ID: 480-43507-25

Matrix: Solid

Date Received: 08/08/13 15:45								Pe	rcen	it Soli	ds: 87.1	
Method: 6010B - Metals (ICP)												
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Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	397		2.5	0.50	mg/Kg	₩	08/12/13 15:50	08/14/13 04:53	1
Barium	144		0.62	0.14	mg/Kg	≎	08/12/13 15:50	08/14/13 04:53	1
Cadmium	0.45		0.25	0.037	mg/Kg	₽	08/12/13 15:50	08/14/13 04:53	1
Chromium	7.9		0.62	0.25	mg/Kg	₽	08/12/13 15:50	08/14/13 04:53	1
Lead	205		1.2	0.30	mg/Kg	≎	08/12/13 15:50	08/14/13 04:53	1
Selenium	1.0	J	5.0	0.50	mg/Kg	≎	08/12/13 15:50	08/14/13 04:53	1
Silver	ND		0.62	0.25	mg/Kg	₽	08/12/13 15:50	08/14/13 04:53	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.022	0.0087	mg/Kg	₩	08/09/13 08:20	08/09/13 12:15	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G0 (4FT) Lab Sample ID: 480-43507-26

Date Collected: 08/06/13 13:40 Matrix: Solid
Date Received: 08/08/13 15:45 Percent Solids: 89.3

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.2
 Unit 0.4
 D 9.2
 Prepared Prepared

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43507-27

Client Sample ID: G0 (6FT) Date Collected: 08/06/13 13:40 Matrix: Solid

Date Received: 08/08/13 15:45 Percent Solids: 89.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.4 2.5 0.50 mg/Kg 08/12/13 15:50 08/14/13 05:04

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G1 1.6ft

Date Collected: 08/07/13 13:12 Date Received: 08/07/13 14:55 Lab Sample ID: 480-43456-21

Matrix: Solid

Percent Solids: 79.3

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olids: 79.3	4

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.2	2.6	0.53	mg/Kg	<del>\$</del>	08/12/13 15:50	08/14/13 05:07	1
Barium	122	0.66	0.15	mg/Kg	≎	08/12/13 15:50	08/14/13 05:07	1
Cadmium	0.33	0.26	0.040	mg/Kg	₩	08/12/13 15:50	08/14/13 05:07	1
Chromium	7.8	0.66	0.26	mg/Kg	₽	08/12/13 15:50	08/14/13 05:07	1
Lead	34.4	1.3	0.32	mg/Kg	₩	08/12/13 15:50	08/14/13 05:07	1
Selenium	1.2 J	5.3	0.53	mg/Kg	≎	08/12/13 15:50	08/14/13 05:07	1
Silver	ND	0.66	0.26	mg/Kg		08/12/13 15:50	08/14/13 05:07	1

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Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.025	0.010	ma/Ka	<b>☆</b>	08/09/13 08:20	08/09/13 12:34	1

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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G1 4ft Lab Sample ID: 480-43456-22

 Date Collected: 08/07/13 13:12
 Matrix: Solid

 Date Received: 08/07/13 14:55
 Percent Solids: 89.8

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.3	0.46	mg/Kg	₩	08/12/13 15:50	08/14/13 05:10	1







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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-23

08/12/13 15:50

Client Sample ID: G1 6ft Date Collected: 08/07/13 13:12 Date Received: 08/07/13 14:55

Arsenic

Matrix: Solid Percent Solids: 88.7

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.1

0.42 mg/Kg

3.3

08/14/13 05:13

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G2 2ft

Lab Sample ID: 480-43456-24

Date Collected: 08/07/13 13:41 Matrix: Solid
Date Received: 08/07/13 14:55 Percent Solids: 77.7

Method: 6010B - Metals (ICP)								
Analyte	Result	Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.9	0.57 mg/Kg	₽	08/12/13 15:50	08/14/13 05:16	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: G2 4 ft Lab Sample ID: 480-43456-25

 Date Collected: 08/07/13 13:41
 Matrix: Solid

 Date Received: 08/07/13 14:55
 Percent Solids: 87.1

 Method: 6010B - Metals (ICP)
 Result Analyte
 Qualifier
 RL
 MDL VINIT
 D VINIT
 D VINIT
 Prepared Analyzed Ana

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Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-26

Client Sample ID: G2 5.8ft Date Collected: 08/07/13 13:41 Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 87.9

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Arsenic 5.3 2.4 0.47 mg/Kg 08/12/13 15:50 08/14/13 05:21

TestAmerica Buffalo

# MISCELLANEOUS LOCATIONS

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB-1 (1.8')

Date Collected: 07/16/13 10:30

Lab Sample ID: 480-42138-15

Matrix: Solid

Percent Solids: 80.0 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	129		2.8	0.55	mg/Kg	<b>‡</b>	07/18/13 10:40	07/24/13 00:49	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB-1 (4') Lab Sample ID: 480-42138-16

Date Collected: 07/16/13 10:30 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 86.0

Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.4	0.47	mg/Kg	₩	07/18/13 10:40	07/24/13 00:51	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB-1 (6')

Lab Sample ID: 480-42138-17

 Date Collected: 07/16/13 10:30
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 80.9

Method: 6010B - Metals (ICP)

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.7	0.54	mg/Kg	₽	07/18/13 10:40	07/24/13 00:54	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB-1 (8')

Lab Sample ID: 480-42138-18

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.24
 Unit 0.49
 D mg/Kg
 Prepared Prep

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB2 (1.9')

Lab Sample ID: 480-42138-55

Date Collected: 07/17/13 10:33 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 86.5

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.1
 Unit width
 D 9.2
 Prepared Prepared
 Analyzed Analyzed
 Dil Fac

 4 rsenic
 15.0
 2.1
 0.42
 mg/Kg
 07/18/13 10:05
 07/25/13 04:00
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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB2 (4')

Lab Sample ID: 480-42138-56

Date Collected: 07/17/13 10:33 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 87.6

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit mg/Kg
 D
 Prepared Prepa

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-51

Client Sample ID: SB3 (2') Date Collected: 07/17/13 09:32 Matrix: Solid

Percent Solids: 82.4 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.6	0.52	mg/Kg	₩	07/18/13 10:05	07/25/13 03:49	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Arsenic

Client Sample ID: SB3 (4') Lab Sample ID: 480-42138-52

Date Collected: 07/17/13 09:32 Matrix: Solid Date Received: 07/17/13 14:25 Percent Solids: 88.0

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.4

0.47 mg/Kg

07/18/13 10:05

07/25/13 03:52

2.5

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB3 (6')

Lab Sample ID: 480-42138-53

Date Collected: 07/17/13 09:32 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 88.4

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.2
 Unit 0.4
 D 9.2
 Prepared Prepared

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-47

Client Sample ID: SB4 (2') Date Collected: 07/17/13 09:00 Matrix: Solid

Percent Solids: 87.6 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4	2.3	0.45	mg/Kg	₩	07/18/13 10:05	07/25/13 03:33	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB4 (4')

Lab Sample ID: 480-42138-48

Date Collected: 07/17/13 09:00 Matrix: Solid
Date Received: 07/17/13 14:25 Percent Solids: 87.6

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 9.2
 Unit 0.4
 D 9.2
 Prepared Prepared

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB4 (5.5')

Date Collected: 07/17/13 09:00

Lab Sample ID: 480-42138-49

. Matrix: Solid

Date Received: 07/17/13 14:25 Percent Solids: 89.4

 Method: 6010B - Metals (ICP)
 Result Qualifier
 RL
 MDL Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Arsenic
 5.6
 2.5
 0.49 mg/Kg
 7 07/18/13 10:05
 07/25/13 03:39
 1

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB5 (2') Lab Sample ID: 480-42138-43

 Date Collected: 07/17/13 08:42
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 85.7

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		2.3	0.46	mg/Kg	*	07/18/13 10:05	07/25/13 03:23	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-44 Client Sample ID: SB5 (4')

Date Collected: 07/17/13 08:42 Matrix: Solid Percent Solids: 89.4 Date Received: 07/17/13 14:25

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.1	0.41	mg/Kg	*	07/18/13 10:05	07/25/13 03:25	1

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB5 (6')

Lab Sample ID: 480-42138-45

 Date Collected: 07/17/13 08:42
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 89.2

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL yes
 Unit mg/Kg
 D yerepared prepared
 Analyzed Analyzed poi/1/25/13 03:28
 Dil Fac

5

6

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1.

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB6 (3.1')

Lab Sample ID: 480-42138-58

 Date Collected: 07/17/13 10:55
 Matrix: Solid

 Date Received: 07/17/13 14:25
 Percent Solids: 88.2

 Method: 6010B - Metals (ICP)
 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL 2.4
 Unit mg/Kg
 D mg/Kg
 Prepared Prepared To 7/12/5/13 04:08
 Analyzed Dil Fac To 7/12/5/13 04:08
 Dil Fac To 7/12/5/13 04:08
 To 7/12/5/13 04:08

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Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB6 (4')

Date Collected: 07/17/13 10:55

Arsenic

Lab Sample ID: 480-42138-59

07/18/13 10:05

Matrix: Solid

07/25/13 04:10

Percent Solids: 88.7

Date Received: 07/17/13 14:25 Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.4

0.47 mg/Kg

3.6

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (2') Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-60

Matrix: Solid

Percen

nt	Solids:	89.9	

Analyte	Result Qualifier	RL		Unit	D	Prepared	Analyzed	Dil
1,1,1-Trichloroethane	ND	5.5	0.40	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
1,1,2,2-Tetrachloroethane	ND	5.5	0.89	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,1,2-Trichloroethane	ND	5.5	0.71	ug/Kg		07/21/13 23:34	07/22/13 01:22	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.5	1.2	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
1,1-Dichloroethane	ND	5.5	0.67	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
1,1-Dichloroethene	ND	5.5	0.67	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
1,2,4-Trichlorobenzene	ND	5.5	0.33	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
,2-Dibromo-3-Chloropropane	ND	5.5	2.7	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,2-Dibromoethane	ND	5.5	0.70	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,2-Dichlorobenzene	ND	5.5	0.43	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,2-Dichloroethane	ND	5.5	0.27	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,2-Dichloropropane	ND	5.5	2.7	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
1,3-Dichlorobenzene	ND	5.5	0.28	ug/Kg	Φ	07/21/13 23:34	07/22/13 01:22	
,4-Dichlorobenzene	ND	5.5	0.77	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
2-Hexanone	ND	27	2.7	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
2-Butanone (MEK)	ND	27		ug/Kg	φ.	07/21/13 23:34	07/22/13 01:22	
I-Methyl-2-pentanone (MIBK)	ND	27	1.8	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
Acetone	ND	27		ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
Benzene	ND	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
Bromodichloromethane	ND	5.5		ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
Bromoform	ND	5.5			₽	07/21/13 23:34	07/22/13 01:22	
romomethane	ND	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
Carbon disulfide	ND	5.5		ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
Carbon tetrachloride	ND	5.5	0.53	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
Chlorobenzene	ND	5.5		ug/Kg	<del>.</del>	07/21/13 23:34	07/22/13 01:22	
Dibromochloromethane	ND	5.5		ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
Chloroethane	ND	5.5		ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
Chloroform	ND	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
Chloromethane	ND ND	5.5		ug/Kg ug/Kg	₩.	07/21/13 23:34	07/22/13 01:22	
	ND ND				₩			
sis-1,2-Dichloroethene	ND	5.5	0.70	ug/Kg	· · · · · · · · · · · · · · · · · · ·	07/21/13 23:34	07/22/13 01:22	
sis-1,3-Dichloropropene		5.5		ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
Cyclohexane	ND	5.5			₩	07/21/13 23:34	07/22/13 01:22	
Dichlorodifluoromethane	ND	5.5	0.45	ug/Kg		07/21/13 23:34	07/22/13 01:22	
Ethylbenzene 	ND	5.5	0.38	ug/Kg	*	07/21/13 23:34	07/22/13 01:22	
sopropylbenzene	ND	5.5			*	07/21/13 23:34	07/22/13 01:22	
Methyl acetate	ND *	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
Methyl tert-butyl ether	ND	5.5		ug/Kg	*	07/21/13 23:34	07/22/13 01:22	
Methylcyclohexane	ND	5.5	0.83	ug/Kg	<b>*</b>	07/21/13 23:34	07/22/13 01:22	
Methylene Chloride	ND	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
Styrene	ND	5.5	0.27	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
etrachloroethene	ND	5.5		ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
oluene	ND	5.5		ug/Kg		07/21/13 23:34	07/22/13 01:22	
rans-1,2-Dichloroethene	ND	5.5	0.56	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
rans-1,3-Dichloropropene	ND	5.5	2.4	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
richloroethene	ND	5.5	1.2	ug/Kg	₩	07/21/13 23:34	07/22/13 01:22	
richlorofluoromethane	ND	5.5	0.52	ug/Kg		07/21/13 23:34	07/22/13 01:22	
/inyl chloride	ND	5.5	0.67	ug/Kg	₽	07/21/13 23:34	07/22/13 01:22	
ringi chionde	ND	5.5	0.07	ug/itg		01721710 20.01	0172271001122	

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (2')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-60

Percent Solids: 89.9

Matrix: Solid

Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99	64 - 126	07/21/13 23:34	07/22/13 01:22	1
Toluene-d8 (Surr)	102	71 _ 125	07/21/13 23:34	07/22/13 01:22	1
4-Bromofluorobenzene (Surr)	100	72 - 126	07/21/13 23:34	07/22/13 01:22	1

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Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	12	ug/Kg	**	07/19/13 07:51	07/23/13 19:59	1
bis (2-chloroisopropyl) ether	ND		190	19	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
2,4,5-Trichlorophenol	ND		190	40	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2,4,6-Trichlorophenol	ND		190	12	ug/Kg	*	07/19/13 07:51	07/23/13 19:59	1
2,4-Dichlorophenol	ND		190	9.7	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2,4-Dimethylphenol	ND		190	50	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2,4-Dinitrophenol	ND		360	65	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2,4-Dinitrotoluene	ND		190	29	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2,6-Dinitrotoluene	ND		190	45	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2-Chloronaphthalene	ND		190	12	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2-Chlorophenol	ND		190	9.4	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2-Methylnaphthalene	12	J	190	2.2	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
2-Methylphenol	ND		190	5.7	ug/Kg	*	07/19/13 07:51	07/23/13 19:59	1
2-Nitroaniline	ND		360	59	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
2-Nitrophenol	ND		190	8.5	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
3,3'-Dichlorobenzidine	ND		190	160	ug/Kg	\$	07/19/13 07:51	07/23/13 19:59	1
3-Nitroaniline	ND		360	43	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4,6-Dinitro-2-methylphenol	ND		360	64	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Bromophenyl phenyl ether	ND		190	59	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Chloro-3-methylphenol	ND		190	7.6	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Chloroaniline	ND		190	54	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Chlorophenyl phenyl ether	ND		190	3.9	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Methylphenol	ND		360	10	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Nitroaniline	ND		360	21	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
4-Nitrophenol	ND		360	45	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Acenaphthene	22	J	190	2.2	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Acenaphthylene	10	J	190	1.5	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Acetophenone	ND	*	190	9.5	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Anthracene	66	J	190	4.7	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Atrazine	ND		190	8.2	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Benzaldehyde	ND		190	20	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Benzo(a)anthracene	170	J	190	3.2	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Benzo(a)pyrene	170	J	190	4.5	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
Benzo(b)fluoranthene	210		190	3.6	ug/Kg		07/19/13 07:51	07/23/13 19:59	1
Benzo(g,h,i)perylene	150	J	190	2.2	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
Benzo(k)fluoranthene	94	J	190	2.0	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
Bis(2-chloroethoxy)methane	ND		190	10	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Bis(2-chloroethyl)ether	ND		190	16	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Bis(2-ethylhexyl) phthalate	ND		190	60	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Butyl benzyl phthalate	ND		190	50	ug/Kg		07/19/13 07:51	07/23/13 19:59	1
Caprolactam	ND		190	80	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Carbazole	ND		190	2.1	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Chrysene	150	J	190	1.9	ug/Kg	φ.	07/19/13 07:51	07/23/13 19:59	1
Di-n-butyl phthalate	ND		190	64	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1

TestAmerica Buffalo

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (2')

Date Collected: 07/17/13 11:30 Date Received: 07/17/13 14:25

Arsenic

Lab Sample ID: 480-42138-60

Matrix: Solid

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	Matrix. Oolia	
Per	cent Solids: 89.9	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		190	4.3	ug/Kg	*	07/19/13 07:51	07/23/13 19:59	1
Dibenz(a,h)anthracene	ND		190	2.2	ug/Kg	*	07/19/13 07:51	07/23/13 19:59	1
Dibenzofuran	13	J	190	1.9	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
Diethyl phthalate	ND		190	5.6	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Dimethyl phthalate	ND		190	4.8	ug/Kg	*	07/19/13 07:51	07/23/13 19:59	1
Fluoranthene	230		190	2.7	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Fluorene	22	J	190	4.3	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Hexachlorobenzene	ND		190	9.2	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Hexachlorobutadiene	ND		190	9.5	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Hexachlorocyclopentadiene	ND		190	56	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Hexachloroethane	ND		190	14	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Indeno(1,2,3-cd)pyrene	100	J	190	5.1	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Isophorone	ND		190	9.3	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
N-Nitrosodi-n-propylamine	ND		190	15	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
N-Nitrosodiphenylamine	ND		190	10	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Naphthalene	11	J	190	3.1	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Nitrobenzene	ND		190	8.2	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Pentachlorophenol	ND		360	63	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Phenanthrene	250		190	3.9	ug/Kg	≎	07/19/13 07:51	07/23/13 19:59	1
Phenol	ND		190	19	ug/Kg	₽	07/19/13 07:51	07/23/13 19:59	1
Pyrene	420		190	1.2	ug/Kg	₩	07/19/13 07:51	07/23/13 19:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	70		39 - 146				07/19/13 07:51	07/23/13 19:59	1
2-Fluorobiphenyl	74		37 - 120				07/19/13 07:51	07/23/13 19:59	1
2-Fluorophenol	64		18 - 120				07/19/13 07:51	07/23/13 19:59	1
Nitrobenzene-d5	61		34 - 132				07/19/13 07:51	07/23/13 19:59	1
p-Terphenyl-d14	117		65 _ 153				07/19/13 07:51	07/23/13 19:59	1
Phenol-d5	68		11 - 120				07/19/13 07:51	07/23/13 19:59	1
Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

1.9

0.38 mg/Kg

18.0

☼ 07/18/13 10:05 07/25/13 04:13

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (4')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Isopropylbenzene

Methyl tert-butyl ether

Methylcyclohexane

Methylene Chloride

Tetrachloroethene

Trichloroethene

Vinyl chloride

**Xylenes, Total** 

trans-1,2-Dichloroethene

Trichlorofluoromethane

trans-1,3-Dichloropropene

Styrene

Methyl acetate

Lab Sample ID: 480-42138-61

**Matrix: Solid** 

Percent Solids: 84.8

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Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND ND	5.8	0.42	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
1,1,2,2-Tetrachloroethane	ND	5.8	0.94	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,1,2-Trichloroethane	ND	5.8	0.75	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.8	1.3	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,1-Dichloroethane	ND	5.8	0.70	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,1-Dichloroethene	ND	5.8	0.71	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,2,4-Trichlorobenzene	ND	5.8	0.35	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,2-Dibromo-3-Chloropropane	ND	5.8	2.9	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,2-Dibromoethane	ND	5.8	0.74	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,2-Dichlorobenzene	ND	5.8	0.45	ug/Kg	<b>\$</b>	07/21/13 23:34	07/22/13 01:47	1
1,2-Dichloroethane	ND	5.8	0.29	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
1,2-Dichloropropane	ND	5.8	2.9	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
1,3-Dichlorobenzene	ND	5.8	0.30	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
1,4-Dichlorobenzene	ND	5.8	0.81	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
2-Hexanone	ND	29	2.9	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
2-Butanone (MEK)	13 J	29	2.1	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
4-Methyl-2-pentanone (MIBK)	ND	29	1.9	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Acetone	81	29	4.9	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Benzene	ND	5.8	0.28	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Bromodichloromethane	ND	5.8	0.77	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Bromoform	ND	5.8	2.9	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Bromomethane	ND	5.8	0.52	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Carbon disulfide	4.4 J	5.8	2.9	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Carbon tetrachloride	ND	5.8	0.56	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Chlorobenzene	ND	5.8	0.76	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Dibromochloromethane	ND	5.8	0.74	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Chloroethane	ND	5.8	1.3	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Chloroform	ND	5.8	0.36	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
Chloromethane	ND	5.8	0.35	ug/Kg	₩	07/21/13 23:34	07/22/13 01:47	1
cis-1,2-Dichloroethene	ND	5.8	0.74	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
cis-1,3-Dichloropropene	ND	5.8	0.83	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1
Cyclohexane	ND	5.8	0.81	ug/Kg	≎	07/21/13 23:34	07/22/13 01:47	1
Dichlorodifluoromethane	ND	5.8	0.48	ug/Kg	≎	07/21/13 23:34	07/22/13 01:47	1
Ethylbenzene	0.78 J	5.8	0.40	ug/Kg	₽	07/21/13 23:34	07/22/13 01:47	1

5.8

5.8

5.8

5.8

5.8

5.8

5.8

5.8

5.8

12

0.87 ug/Kg

1.1 ug/Kg

0.57 ug/Kg

0.88 ug/Kg

2.7 ug/Kg

0.29 ug/Kg

0.78 ug/Kg

0.44 ug/Kg

0.60 ug/Kg

2.5 ug/Kg

1.3 ug/Kg

0.55 ug/Kg

0.70 ug/Kg

0.97 ug/Kg

© 07/21/13 23:34 07/22/13 01:47

© 07/21/13 23:34 07/22/13 01:47

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07/21/13 23:34 07/22/13 01:47

ND

0.99 J

ND \*

1.2 J

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (4')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-61

Matrix: Solid

Percent Solids: 84.8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	07/21/13 23:34	07/22/13 01:47	1
Toluene-d8 (Surr)	102		71 - 125	07/21/13 23:34	07/22/13 01:47	1
4-Bromofluorobenzene (Surr)	100		72 - 126	07/21/13 23:34	07/22/13 01:47	1

6	

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND ND	200	12	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
bis (2-chloroisopropyl) ether	ND	200	20	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
2,4,5-Trichlorophenol	ND	200	43	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1
2,4,6-Trichlorophenol	ND	200	13	ug/Kg	*	07/19/13 07:51	07/23/13 20:24	1
2,4-Dichlorophenol	ND	200	10	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
2,4-Dimethylphenol	ND	200	53	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
2,4-Dinitrophenol	ND	380	68	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
2,4-Dinitrotoluene	ND	200	30	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
2,6-Dinitrotoluene	ND	200	48	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
2-Chloronaphthalene	ND	200	13	ug/Kg		07/19/13 07:51	07/23/13 20:24	1
2-Chlorophenol	ND	200	10	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
2-Methylnaphthalene	ND	200	2.4	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
2-Methylphenol	ND	200	6.0	ug/Kg	φ.	07/19/13 07:51	07/23/13 20:24	1
2-Nitroaniline	ND	380	63	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
2-Nitrophenol	ND	200	8.9	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
3,3'-Dichlorobenzidine	ND	200	170		<del>-</del>	07/19/13 07:51	07/23/13 20:24	1
3-Nitroaniline	ND	380	45	0 0	₽	07/19/13 07:51	07/23/13 20:24	1
4,6-Dinitro-2-methylphenol	ND	380	68	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
4-Bromophenyl phenyl ether	ND	200		ug/Kg	<del>-</del>	07/19/13 07:51	07/23/13 20:24	· · · · · · · · 1
4-Chloro-3-methylphenol	ND	200	8.1		₩	07/19/13 07:51	07/23/13 20:24	1
4-Chloroaniline	ND	200	57		₩	07/19/13 07:51	07/23/13 20:24	1
4-Chlorophenyl phenyl ether	ND	200	4.2			07/19/13 07:51	07/23/13 20:24	· · · · · · · · · 1
4-Methylphenol	ND	380	11	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
4-Nitroaniline	ND	380		ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
4-Nitrophenol	ND	380	47		· · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:24	
Acenaphthene	ND	200	2.3	0 0	₽	07/19/13 07:51	07/23/13 20:24	1
Acenaphthylene	ND	200	1.6		₽	07/19/13 07:51	07/23/13 20:24	1
Acetophenone	ND *	200	10	ug/Kg		07/19/13 07:51	07/23/13 20:24	
Anthracene	ND	200	5.0	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Atrazine	ND	200	8.7		₩	07/19/13 07:51	07/23/13 20:24	1
Benzaldehyde	ND	200	21	ug/Kg	· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:24	
· ·	ND	200			₩	07/19/13 07:51	07/23/13 20:24	1
Benzo(a)anthracene	ND ND	200		ug/Kg				1
Benzo(a)pyrene	ND		4.7		· · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:24	
Benzo(b)fluoranthene	ND ND	200	3.8	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
Benzo(g,h,i)perylene		200	2.3		₩	07/19/13 07:51	07/23/13 20:24	1
Benzo(k)fluoranthene	ND	200	2.2			07/19/13 07:51	07/23/13 20:24	
Bis(2-chloroethoxy)methane	ND	200		ug/Kg		07/19/13 07:51	07/23/13 20:24	1
Bis(2-chloroethyl)ether	ND	200	17	ug/Kg	*	07/19/13 07:51	07/23/13 20:24	1
Bis(2-ethylhexyl) phthalate	ND	200	63	ug/Kg		07/19/13 07:51	07/23/13 20:24	
Butyl benzyl phthalate	ND	200	53		*	07/19/13 07:51	07/23/13 20:24	1
Caprolactam	ND	200	85	ug/Kg	<b>#</b>	07/19/13 07:51	07/23/13 20:24	1
Carbazole	ND	200	2.3			07/19/13 07:51	07/23/13 20:24	1
Chrysene	ND	200	2.0	ug/Kg	<b>#</b>	07/19/13 07:51	07/23/13 20:24	1
Di-n-butyl phthalate	ND	200	68	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1

TestAmerica Buffalo

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (4') Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Matrix: Solid

Percent Solids: 84.8

Lab Sample ID: 480-42138-61

Di-n-octyl phthalate Dibenz(a,h)anthracene Dibenzofuran Diethyl phthalate Dimethyl phthalate Fluoranthene Fluorene Hexachlorobenzene	ND ND ND ND ND ND		200 200 200 200 200 200 200	2.0 5.9	ug/Kg ug/Kg ug/Kg ug/Kg	\$ \$ \$	07/19/13 07:51 07/19/13 07:51 07/19/13 07:51 07/19/13 07:51	07/23/13 20:24 07/23/13 20:24 07/23/13 20:24	1 1
Dibenzofuran Diethyl phthalate Dimethyl phthalate Fluoranthene Fluorene	ND ND ND ND		200 200 200	2.0 5.9	ug/Kg ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Diethyl phthalate Dimethyl phthalate Fluoranthene Fluorene	ND ND ND ND		200 200	5.9	ug/Kg				1
Dimethyl phthalate Fluoranthene Fluorene	ND ND ND		200			₽	07/10/12 07:51		
Fluoranthene Fluorene	ND ND			5.1			01/19/13 07:51	07/23/13 20:24	1
Fluorene	ND		200		ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
			200	2.8	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1
Hexachlorobenzene	ND		200	4.5	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1
			200	9.7	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Hexachlorobutadiene	ND		200	10	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
Hexachlorocyclopentadiene	ND		200	59	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
Hexachloroethane	ND		200	15	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Indeno(1,2,3-cd)pyrene	ND		200	5.4	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Isophorone	ND		200	9.8	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Naphthalene	ND		200	3.3	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1
Nitrobenzene	ND		200	8.7	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Pentachlorophenol	ND		380	67	ug/Kg	≎	07/19/13 07:51	07/23/13 20:24	1
Phenanthrene	34	J	200	4.1	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
Phenol	ND		200	21	ug/Kg	₽	07/19/13 07:51	07/23/13 20:24	1
Pyrene	ND		200	1.3	ug/Kg	₩	07/19/13 07:51	07/23/13 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		39 - 146				07/19/13 07:51	07/23/13 20:24	1
2-Fluorobiphenyl	81		37 - 120				07/19/13 07:51	07/23/13 20:24	1
2-Fluorophenol	76		18 - 120				07/19/13 07:51	07/23/13 20:24	1
Nitrobenzene-d5	70		34 - 132				07/19/13 07:51	07/23/13 20:24	1
p-Terphenyl-d14	129		65 - 153				07/19/13 07:51	07/23/13 20:24	1
Phenol-d5	76		11 - 120				07/19/13 07:51	07/23/13 20:24	1
Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (6') Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-62

Matrix: Solid

Percent Solids: 83.0

Prepared	Analyzed	Dil Fac	Ę
7/21/13 23:34	07/22/13 02:12	1	
7/21/13 23:34	07/22/13 02:12	1	6
7/21/13 23:34	07/22/13 02:12	1	
//21/13 23:34	07/22/13 02:12	1	7
7/21/13 23:34	07/22/13 02:12	1	

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil
1,1,1-Trichloroethane	ND	5.9	0.43	ug/Kg	<b>☆</b>	07/21/13 23:34	07/22/13 02:12	
,1,2,2-Tetrachloroethane	ND	5.9	0.95	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
,1,2-Trichloroethane	ND	5.9	0.76	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.9	1.3	ug/Kg		07/21/13 23:34	07/22/13 02:12	
,1-Dichloroethane	ND	5.9	0.71	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
,1-Dichloroethene	ND	5.9	0.72	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
,2,4-Trichlorobenzene	ND	5.9		ug/Kg		07/21/13 23:34	07/22/13 02:12	
,2-Dibromo-3-Chloropropane	ND	5.9	2.9	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
,2-Dibromoethane	ND	5.9	0.75	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
.2-Dichlorobenzene	ND	5.9	0.46	ug/Kg		07/21/13 23:34	07/22/13 02:12	
,2-Dichloroethane	ND	5.9	0.29	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
,2-Dichloropropane	ND	5.9	2.9	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
,3-Dichlorobenzene	ND	5.9	0.30	ug/Kg		07/21/13 23:34	07/22/13 02:12	
,4-Dichlorobenzene	ND	5.9		ug/Kg ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
?-Hexanone	ND	29	2.9	ug/Kg ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
	6.4 J	29	2.9	ug/Kg ug/Kg		07/21/13 23:34	07/22/13 02:12	
P-Butanone (MEK)  Methyl 2 pentanone (MIRK)	ND	29	1.9	ug/Kg ug/Kg		07/21/13 23:34	07/22/13 02:12	
-Methyl-2-pentanone (MIBK)		29						
Acetone	48		4.9	ug/Kg	· · · · · · · · · · · · · · · · · · ·	07/21/13 23:34	07/22/13 02:12	
denzene	ND	5.9	0.29	ug/Kg		07/21/13 23:34	07/22/13 02:12	
romodichloromethane	ND	5.9		ug/Kg	*	07/21/13 23:34	07/22/13 02:12	
Bromoform	ND	5.9	2.9	ug/Kg	<u>T</u> .	07/21/13 23:34	07/22/13 02:12	
Bromomethane	ND	5.9	0.53	ug/Kg	*	07/21/13 23:34	07/22/13 02:12	
Carbon disulfide	6.0	5.9	2.9	ug/Kg	*	07/21/13 23:34	07/22/13 02:12	
Carbon tetrachloride	ND	5.9		ug/Kg		07/21/13 23:34	07/22/13 02:12	
Chlorobenzene	ND	5.9		ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Dibromochloromethane	ND	5.9	0.75	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Chloroethane	ND	5.9	1.3	ug/Kg		07/21/13 23:34	07/22/13 02:12	
Chloroform	ND	5.9	0.36	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Chloromethane	ND	5.9	0.35	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
sis-1,2-Dichloroethene	ND	5.9	0.75	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
sis-1,3-Dichloropropene	ND	5.9	0.84	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
Cyclohexane	8.5	5.9	0.82	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Dichlorodifluoromethane	ND	5.9	0.48	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
Ethylbenzene	9.6	5.9	0.40	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
sopropylbenzene	1.4 J	5.9	0.88	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Methyl acetate	ND *	5.9	1.1	ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
Methyl tert-butyl ether	ND	5.9	0.58	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
Methylcyclohexane	12	5.9	0.89	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
Nethylene Chloride	ND	5.9	2.7	ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
Styrene	ND	5.9	0.29	ug/Kg		07/21/13 23:34	07/22/13 02:12	
etrachloroethene	ND	5.9		ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
oluene	0.82 J	5.9		ug/Kg	₩	07/21/13 23:34	07/22/13 02:12	
rans-1,2-Dichloroethene	ND	5.9		ug/Kg	<del>-</del>	07/21/13 23:34	07/22/13 02:12	
rans-1,3-Dichloropropene	ND	5.9		ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
richloroethene	ND	5.9		ug/Kg ug/Kg	₽	07/21/13 23:34	07/22/13 02:12	
richlorofluoromethane	ND	5.9		ug/Kg ug/Kg		07/21/13 23:34	07/22/13 02:12	
					~ ₽			
/inyl chloride (ylenes, Total	ND <b>13</b>	5.9 12		ug/Kg ug/Kg	<b>₩</b>	07/21/13 23:34 07/21/13 23:34	07/22/13 02:12 07/22/13 02:12	

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (6')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-62

Matrix: Solid

Percent Solids: 83.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		64 - 126	07/21/13 23:34	07/22/13 02:12	1
Toluene-d8 (Surr)	97		71 - 125	07/21/13 23:34	07/22/13 02:12	1
4-Bromofluorobenzene (Surr)	86		72 - 126	07/21/13 23:34	07/22/13 02:12	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
Biphenyl	ND		200	12	ug/Kg	<b>☆</b>	07/19/13 07:51	07/23/13 20:48	
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2,4,5-Trichlorophenol	ND		200	44	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
2,4,6-Trichlorophenol	ND		200	13	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2,4-Dichlorophenol	ND		200	10	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
2,4-Dimethylphenol	ND		200	54	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
2,4-Dinitrophenol	ND		390	70	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2,4-Dinitrotoluene	ND		200	31	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2,6-Dinitrotoluene	ND		200	49	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
2-Chloronaphthalene	ND		200	13	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2-Chlorophenol	ND		200	10	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2-Methylnaphthalene	7.7	J	200	2.4	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
2-Methylphenol	ND		200	6.1	ug/Kg		07/19/13 07:51	07/23/13 20:48	
2-Nitroaniline	ND		390	64	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
2-Nitrophenol	ND		200	9.1	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	\$	07/19/13 07:51	07/23/13 20:48	
3-Nitroaniline	ND		390	46	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
4,6-Dinitro-2-methylphenol	ND		390	69	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
1-Bromophenyl phenyl ether	ND		200	64	ug/Kg	φ.	07/19/13 07:51	07/23/13 20:48	
1-Chloro-3-methylphenol	ND		200	8.2	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
4-Chloroaniline	ND		200	59	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/Kg	φ.	07/19/13 07:51	07/23/13 20:48	
4-Methylphenol	ND		390	11	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
4-Nitroaniline	ND		390	22	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
4-Nitrophenol	ND		390	48	ug/Kg		07/19/13 07:51	07/23/13 20:48	
Acenaphthene	ND		200	2.3	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Acenaphthylene	ND		200	1.6	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
Acetophenone	ND	*	200	10	ug/Kg	ф-	07/19/13 07:51	07/23/13 20:48	
Anthracene	ND		200	5.1	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Atrazine	ND		200	8.9		₩	07/19/13 07:51	07/23/13 20:48	
Benzaldehyde	ND		200	22		· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:48	
Benzo(a)anthracene	ND		200	3.4	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Benzo(a)pyrene	ND		200	4.8	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Benzo(b)fluoranthene	ND		200	3.9		· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:48	
Benzo(g,h,i)perylene	ND		200	2.4	0 0	₽	07/19/13 07:51	07/23/13 20:48	
Benzo(k)fluoranthene	ND		200	2.2		₽	07/19/13 07:51	07/23/13 20:48	
Bis(2-chloroethoxy)methane	ND		200	11		· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 20:48	
Bis(2-chloroethyl)ether	ND		200	17	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Bis(2-ethylhexyl) phthalate	ND		200	64	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	
Butyl benzyl phthalate	ND		200	54			07/19/13 07:51	07/23/13 20:48	
Caprolactam	ND		200	86	ug/Kg ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	
Carbazole	ND		200		ug/Kg ug/Kg	₩.	07/19/13 07:51	07/23/13 20:48	
	ND		200	2.0	ug/Kg ug/Kg		07/19/13 07:51	07/23/13 20:48	
Chrysene Di-n-butyl phthalate	ND ND		200		ug/Kg ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	

TestAmerica Buffalo

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (6')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Arsenic

Lab Sample ID: 480-42138-62

Matrix: Solid

Percent Solids: 83.0

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K	
(C)	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		200	4.7	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Dibenz(a,h)anthracene	ND		200	2.4	ug/Kg	≎	07/19/13 07:51	07/23/13 20:48	1
Dibenzofuran	ND		200	2.1	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Diethyl phthalate	ND		200	6.0	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Dimethyl phthalate	ND		200	5.2	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Fluoranthene	ND		200	2.9	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Fluorene	ND		200	4.6	ug/Kg	₩	07/19/13 07:51	07/23/13 20:48	1
Hexachlorobenzene	ND		200	9.9	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Hexachlorobutadiene	ND		200	10	ug/Kg	≎	07/19/13 07:51	07/23/13 20:48	1
Hexachlorocyclopentadiene	ND		200	60	ug/Kg	≎	07/19/13 07:51	07/23/13 20:48	1
Hexachloroethane	ND		200	15	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Indeno(1,2,3-cd)pyrene	ND		200	5.5	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Isophorone	ND		200	10	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
N-Nitrosodi-n-propylamine	ND		200	16	ug/Kg	*	07/19/13 07:51	07/23/13 20:48	1
N-Nitrosodiphenylamine	ND		200	11	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Naphthalene	190	J	200	3.3	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Nitrobenzene	ND		200	8.9	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Pentachlorophenol	ND		390	69	ug/Kg	≎	07/19/13 07:51	07/23/13 20:48	1
Phenanthrene	370		200	4.2	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Phenol	ND		200	21	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Pyrene	ND		200	1.3	ug/Kg	₽	07/19/13 07:51	07/23/13 20:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	79		39 - 146				07/19/13 07:51	07/23/13 20:48	1
2-Fluorobiphenyl	79		37 - 120				07/19/13 07:51	07/23/13 20:48	1
2-Fluorophenol	75		18 - 120				07/19/13 07:51	07/23/13 20:48	1
Nitrobenzene-d5	68		34 - 132				07/19/13 07:51	07/23/13 20:48	1
p-Terphenyl-d14	170	X	65 - 153				07/19/13 07:51	07/23/13 20:48	1
Phenol-d5	76		11 - 120				07/19/13 07:51	07/23/13 20:48	1
Method: 6010B - Metals (ICP)	)								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac

2.4

0.49 mg/Kg

3.0

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (8')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-63

Matrix: Solid

Percent Solids: 87.8

Analyte	Result Qualifier	RL	MDL		D	Prepared	Analyzed	Dil F
1,1,1-Trichloroethane	ND	5.6	0.41	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,1,2,2-Tetrachloroethane	ND	5.6	0.91	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
1,1,2-Trichloroethane	ND	5.6	0.73	ug/Kg		07/21/13 23:34	07/22/13 02:38	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.6	1.3	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,1-Dichloroethane	ND	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,1-Dichloroethene	ND	5.6	0.68	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,2,4-Trichlorobenzene	ND	5.6	0.34	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,2-Dibromo-3-Chloropropane	ND	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,2-Dibromoethane	ND	5.6	0.72	ug/Kg		07/21/13 23:34	07/22/13 02:38	
1,2-Dichlorobenzene	ND	5.6	0.44	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
1,2-Dichloroethane	ND	5.6	0.28	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
1,2-Dichloropropane	ND	5.6	2.8	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
1,3-Dichlorobenzene	ND	5.6	0.29	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
1,4-Dichlorobenzene	ND	5.6	0.78	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
2-Hexanone	ND	28	2.8	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
2-Butanone (MEK)	3.3 J	28	2.0	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
4-Methyl-2-pentanone (MIBK)	ND	28	1.8	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Acetone	15 J	28	4.7	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Benzene	ND	5.6	0.27	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Bromodichloromethane	ND	5.6	0.75	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Bromoform	ND	5.6	2.8	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Bromomethane	ND	5.6	0.50	ug/Kg		07/21/13 23:34	07/22/13 02:38	
Carbon disulfide	ND	5.6	2.8	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Carbon tetrachloride	ND	5.6	0.54	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Chlorobenzene	ND	5.6	0.74	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Dibromochloromethane	ND	5.6	0.72	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Chloroethane	ND	5.6	1.3	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Chloroform	ND	5.6	0.35	ug/Kg		07/21/13 23:34	07/22/13 02:38	
Chloromethane	ND	5.6	0.34	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
cis-1,2-Dichloroethene	ND	5.6	0.72	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
cis-1,3-Dichloropropene	ND	5.6	0.81	ug/Kg	φ.	07/21/13 23:34	07/22/13 02:38	
Cyclohexane	ND	5.6	0.78	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Dichlorodifluoromethane	ND	5.6	0.46	ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Ethylbenzene	ND	5.6	0.39	ug/Kg		07/21/13 23:34	07/22/13 02:38	
sopropylbenzene	ND	5.6	0.84	ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Methyl acetate	ND *	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Methyl tert-butyl ether	ND	5.6	0.55	ug/Kg	÷	07/21/13 23:34	07/22/13 02:38	
Methylcyclohexane	ND	5.6		ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Methylene Chloride	ND	5.6		ug/Kg	₽	07/21/13 23:34	07/22/13 02:38	
Styrene	ND	5.6		ug/Kg		07/21/13 23:34	07/22/13 02:38	
Tetrachloroethene	ND	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Foluene	ND	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
rans-1,2-Dichloroethene	ND	5.6		ug/Kg		07/21/13 23:34	07/22/13 02:38	
rans-1,3-Dichloropropene	ND	5.6		ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
richloroethene	ND ND	5.6		ug/Kg ug/Kg	₩	07/21/13 23:34	07/22/13 02:38	
Trichlorofluoromethane	ND ND	5.6		ug/Kg ug/Kg		07/21/13 23:34	07/22/13 02:38	
					₩			
/inyl chloride Kylenes, Total	ND ND	5.6 11		ug/Kg ug/Kg	₩	07/21/13 23:34 07/21/13 23:34	07/22/13 02:38 07/22/13 02:38	

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: SB7 (8')

Date Collected: 07/17/13 11:30

Date Received: 07/17/13 14:25

Lab Sample ID: 480-42138-63

Matrix: Solid

Percent Solids: 87.8

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Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	07/21/13 23:34	07/22/13 02:38	1
Toluene-d8 (Surr)	101		71 - 125	07/21/13 23:34	07/22/13 02:38	1
4-Bromofluorobenzene (Surr)	101		72 - 126	07/21/13 23:34	07/22/13 02:38	1



DL	Unit	D	Prepared	Analyzed	Dil Fac	
12	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1	
20	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1	



Method: 8270C - Semivolatile	Organic Compour	nds (GC/MS)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		190	12	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
bis (2-chloroisopropyl) ether	ND		190	20	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2,4,5-Trichlorophenol	ND		190	42	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2,4,6-Trichlorophenol	ND		190	13	ug/Kg		07/19/13 07:51	07/23/13 21:13	1
2,4-Dichlorophenol	ND		190	10	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2,4-Dimethylphenol	ND		190	52	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2,4-Dinitrophenol	ND		370	67	ug/Kg		07/19/13 07:51	07/23/13 21:13	1
2,4-Dinitrotoluene	ND		190	30	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2,6-Dinitrotoluene	ND		190	47	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2-Chloronaphthalene	ND		190	13	ug/Kg		07/19/13 07:51	07/23/13 21:13	1
2-Chlorophenol	ND		190	9.7	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
2-Methylnaphthalene	ND		190	2.3	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
2-Methylphenol	ND		190	5.9	ug/Kg	*	07/19/13 07:51	07/23/13 21:13	1
2-Nitroaniline	ND		370	61	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
2-Nitrophenol	ND		190	8.7	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
3,3'-Dichlorobenzidine	ND		190	170	ug/Kg		07/19/13 07:51	07/23/13 21:13	1
3-Nitroaniline	ND		370	44	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
4,6-Dinitro-2-methylphenol	ND		370	66	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
4-Bromophenyl phenyl ether	ND		190	61		<del>-</del>	07/19/13 07:51	07/23/13 21:13	1
4-Chloro-3-methylphenol	ND		190	7.9	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
4-Chloroaniline	ND		190	56		₽	07/19/13 07:51	07/23/13 21:13	1
4-Chlorophenyl phenyl ether	ND		190	4.1	ug/Kg	· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 21:13	1
4-Methylphenol	ND		370	11	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
4-Nitroaniline	ND		370	21		₽	07/19/13 07:51	07/23/13 21:13	1
4-Nitrophenol	ND		370	46	ug/Kg	<del>-</del>	07/19/13 07:51	07/23/13 21:13	1
Acenaphthene	ND		190	2.2	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
Acenaphthylene	ND		190	1.6	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
Acetophenone	ND	*	190	9.8	ug/Kg	<del>-</del>	07/19/13 07:51	07/23/13 21:13	1
Anthracene	ND		190	4.9		₩	07/19/13 07:51	07/23/13 21:13	1
Atrazine	ND		190	8.5	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Benzaldehyde	ND		190	21		<del>-</del>	07/19/13 07:51	07/23/13 21:13	1
Benzo(a)anthracene	ND		190	3.3	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Benzo(a)pyrene	ND		190	4.6		₩	07/19/13 07:51	07/23/13 21:13	1
Benzo(b)fluoranthene	ND		190	3.7		· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 21:13	1
Benzo(g,h,i)perylene	ND		190	2.3	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Benzo(k)fluoranthene	ND		190	2.1	ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
Bis(2-chloroethoxy)methane	ND		190	10	ug/Kg	· · · · · · · · · · · · · · · · · · ·	07/19/13 07:51	07/23/13 21:13	1
Bis(2-chloroethyl)ether	ND		190	16		≎	07/19/13 07:51	07/23/13 21:13	1
Bis(2-ethylhexyl) phthalate	ND		190	62		₩	07/19/13 07:51	07/23/13 21:13	1
Butyl benzyl phthalate	ND		190	51		<del></del>	07/19/13 07:51	07/23/13 21:13	1
Caprolactam	ND		190	83	0 0	₽	07/19/13 07:51	07/23/13 21:13	1
Carbazole	ND		190	2.2	0 0	₽	07/19/13 07:51	07/23/13 21:13	1
Chrysene	ND		190	1.9		<del>-</del>	07/19/13 07:51	07/23/13 21:13	1
Di-n-butyl phthalate	ND		190		ug/Kg	₽	07/19/13 07:51	07/23/13 21:13	1
,	.15				~39				•

TestAmerica Buffalo

Client: New York State D.E.C. TestAmerica Job ID: 480-42138-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-42138-63

07/23/13 21:13

07/23/13 21:13

07/23/13 21:13

07/23/13 21:13

07/19/13 07:51

07/19/13 07:51

07/19/13 07:51

07/19/13 07:51

Matrix: Solid

Dil Fac

Percent Solids: 87.8

#### Client Sample ID: SB7 (8') Date Collected: 07/17/13 11:30 Date Received: 07/17/13 14:25

Nitrobenzene

Phenanthrene

Phenol

Pentachlorophenol

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued) Result Qualifier MDL Unit Analyzed Analyte D Prepared

ND

ND

ND

ND



Di-n-octyl phthalate	ND ND	190	4.5 i	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Dibenz(a,h)anthracene	ND	190	2.2 ι	ug/Kg	φ.	07/19/13 07:51	07/23/13 21:13	1
Dibenzofuran	ND	190	2.0 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Diethyl phthalate	ND	190	5.8 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Dimethyl phthalate	ND	190	5.0 ι	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Fluoranthene	ND	190	2.8 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Fluorene	ND	190	4.4 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Hexachlorobenzene	ND	190	9.5 ι	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Hexachlorobutadiene	ND	190	9.8 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Hexachlorocyclopentadiene	ND	190	58 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Hexachloroethane	ND	190	15 ι	ug/Kg	₩	07/19/13 07:51	07/23/13 21:13	1
Indeno(1,2,3-cd)pyrene	ND	190	5.3 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Isophorone	ND	190	9.5 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
N-Nitrosodi-n-propylamine	ND	190	15 ι	ug/Kg	⇔	07/19/13 07:51	07/23/13 21:13	1
N-Nitrosodiphenylamine	ND	190	10 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1
Naphthalene	ND	190	3.2 ι	ug/Kg	≎	07/19/13 07:51	07/23/13 21:13	1

Pyrene	ND		190 1.2	2 ug/Kg □	07/19/13 07:51	07/23/13 21:13	1
Surrogate	%Recovery	Qualifier Lim	its		Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84	39 _	146		07/19/13 07:51	07/23/13 21:13	1
2-Fluorobiphenyl	78	37 -	120		07/19/13 07:51	07/23/13 21:13	1
2-Fluorophenol	74	18 -	120		07/19/13 07:51	07/23/13 21:13	1
Nitrobenzene-d5	69	34 -	132		07/19/13 07:51	07/23/13 21:13	1
p-Terphenyl-d14	106	65 -	153		07/19/13 07:51	07/23/13 21:13	1
Phenol-d5	72	11 -	120		07/19/13 07:51	07/23/13 21:13	1

190

370

190

190

8.5 ug/Kg

66 ug/Kg

4.0 ug/Kg

20 ug/Kg

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.5	0.50	mg/Kg	₩	07/23/13 13:40	07/24/13 21:03	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B5 (R) 2.5 FT

Date Collected: 08/06/13 08:45 Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-1

Matrix: So	lid
Percent Solids: 8	4.0

Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	27.2		2.3	0.46	mg/Kg	₩	08/09/13 14:50	08/12/13 10:45	1
Barium	59.3		0.57	0.13	mg/Kg	₽	08/09/13 14:50	08/12/13 10:45	1
Cadmium	0.21	J	0.23	0.034	mg/Kg	₽	08/09/13 14:50	08/12/13 10:45	1
Chromium	3.6		0.57	0.23	mg/Kg	₽	08/09/13 14:50	08/12/13 10:45	1
Lead	54.9		1.1	0.27	mg/Kg	≎	08/09/13 14:50	08/12/13 10:45	1
Selenium	0.46	J	4.6	0.46	mg/Kg	≎	08/09/13 14:50	08/12/13 10:45	1
Silver	ND		0.57	0.23	mg/Kg	₽	08/09/13 14:50	08/12/13 10:45	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.024	0.0099	mg/Kg	*	08/09/13 08:20	08/09/13 11:45	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B5 (R) 6FT

Date Collected: 08/06/13 08:45

Date Received: 08/08/13 15:45

Lab Sample ID: 480-43507-2

Matrix: Solid

Percent	Solids:	88.5

Method: 6010B - Metals (ICP)									
Analyte	Result (	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.8		2.1	0.41	mg/Kg	<b>‡</b>	08/09/13 14:50	08/12/13 10:53	1
Barium	100		0.52	0.11	mg/Kg	₽	08/09/13 14:50	08/12/13 10:53	1
Cadmium	0.59		0.21	0.031	mg/Kg	≎	08/09/13 14:50	08/12/13 10:53	1
Chromium	18.4		0.52	0.21	mg/Kg	₽	08/09/13 14:50	08/12/13 10:53	1
Lead	8.4		1.0	0.25	mg/Kg	₽	08/09/13 14:50	08/12/13 10:53	1
Selenium	ND		4.1	0.41	mg/Kg	₽	08/09/13 14:50	08/12/13 10:53	1
Silver	ND		0.52	0.21	mg/Kg	₽	08/09/13 14:50	08/12/13 10:53	1

Method: 7471A - Mercury (CVA	<b>A</b> )								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0090	ma/Ka		08/09/13 08:20	08/09/13 11:53	

8/19/2013

Client: New York State D.E.C. TestAmerica Job ID: 480-43507-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Date Received: 08/08/13 15:45

Arsenic

Lab Sample ID: 480-43507-3

08/12/13 10:56

₩

08/09/13 14:50

0.43 mg/Kg

Client Sample ID: B5 (R) 8FT Date Collected: 08/06/13 08:45 Matrix: Solid

Percent Solids: 90.2

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed

2.2

4.5

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7(1.6FT)

Date Collected: 08/05/13 13:07

Date Received: 08/06/13 13:00

Arsenic

Lab Sample ID: 480-43265-9

08/07/13 15:20

Matrix: Solid

08/08/13 15:55

Percent Solids: 93.5

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ 2.2

0.45 mg/Kg

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7(2FT)

Date Collected: 08/05/13 13:07

Date Received: 08/06/13 13:00

Arsenic

Lab Sample ID: 480-43265-10

08/07/13 15:20

₩

0.46 mg/Kg

Matrix: Solid

08/08/13 16:03

Percent Solids: 93.6

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 2.3

5.7

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7(4FT)

Date Collected: 08/05/13 13:07

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-11

Matrix: Solid

Percent Solids: 95.9

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4.0
 2.1
 0.43
 mg/Kg
 \* 08/07/13 15:20
 08/08/13 16:05
 1

5

6

8

9

10

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7(6FT)

Lab Sample ID: 480-43265-12

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.2 2.0 0.40 mg/Kg 08/07/13 15:20 08/08/13 16:08



0

0

Client: New York State D.E.C. TestAmerica Job ID: 480-43265-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B7(8FT)

Date Collected: 08/05/13 13:07

Date Received: 08/06/13 13:00

Lab Sample ID: 480-43265-13

Matrix: Solid

Percent Solids: 96.8

Method: 6010B - Metals (ICP)

 Analyte
 Result Arsenic
 Qualifier
 RL
 MDL Unit
 D Prepared
 Analyzed
 Dil Fac

 4 senic
 8.9
 2.2
 0.45 mg/Kg
 08/07/13 15:20
 08/08/13 16:11
 1

5

0

0

0

0

4.

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B8(R) 2.6ft

Date Collected: 08/07/13 11:40

Lab Sample ID: 480-43456-18

Matrix: Solid

Matrix: Solid

Date Received: 08/07/13 14:55	Percent Solids: 80.9
Method: 6010B - Metals (ICP)	

Method: 6010B - Metals (ICP)									
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	23.3		2.7	0.54	mg/Kg	₩	08/09/13 14:50	08/12/13 13:25	1
Barium	139		0.67	0.15	mg/Kg	₩	08/09/13 14:50	08/12/13 13:25	1
Cadmium	0.84		0.27	0.040	mg/Kg	₽	08/09/13 14:50	08/12/13 13:25	1
Chromium	11.3		0.67	0.27	mg/Kg	₽	08/09/13 14:50	08/12/13 13:25	1
Lead	119		1.3	0.32	mg/Kg	₩	08/09/13 14:50	08/12/13 13:25	1
Selenium	ND		5.4	0.54	mg/Kg	₩	08/09/13 14:50	08/12/13 13:25	1
Silver	ND		0.67	0.27	mg/Kg	₩	08/09/13 14:50	08/12/13 13:25	1

Method: 7471A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.023	0.0092	mg/Kg	≎	08/09/13 08:20	08/09/13 12:32	1

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Client Sample ID: B8(R) 4ft

Date Collected: 08/07/13 11:40

Date Received: 08/07/13 14:55

Lab Sample ID: 480-43456-19

Matrix: Solid

Percent Solids: 87.2

Method: 6010B - Metals (ICP) Dil Fac

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 3.8 2.5 0.50 mg/Kg 08/09/13 14:50 08/12/13 13:27

Client: New York State D.E.C. TestAmerica Job ID: 480-43456-1

Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

Lab Sample ID: 480-43456-20

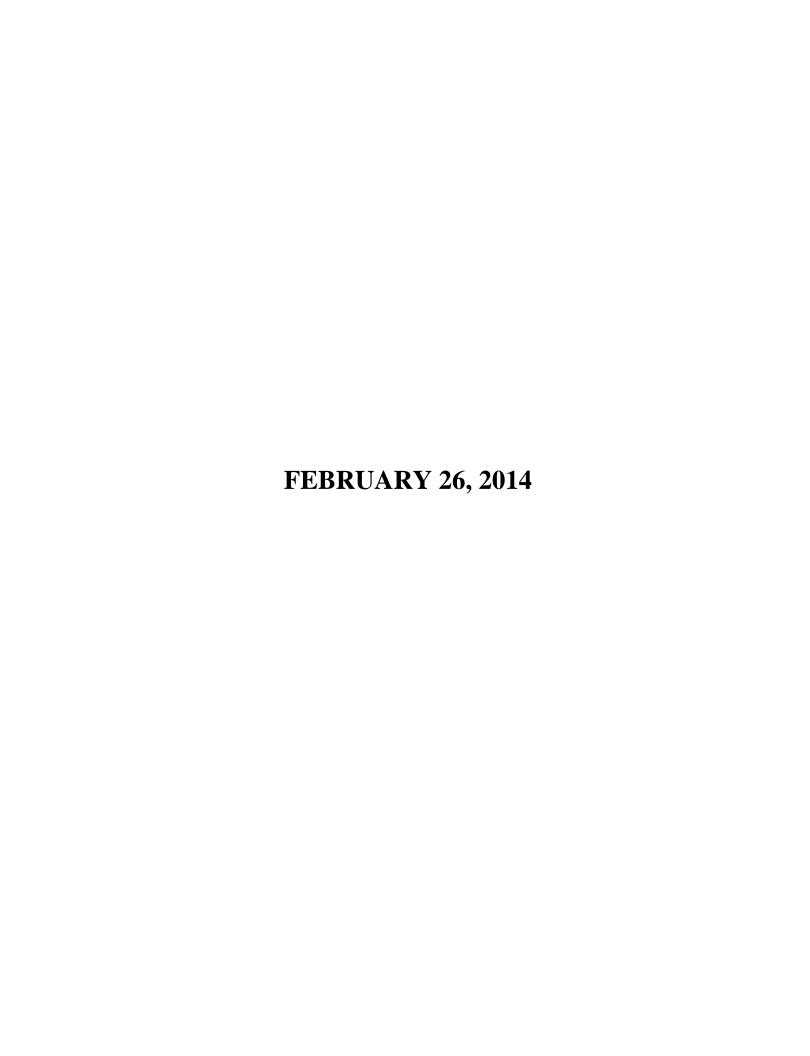
Client Sample ID: B8(R) 6ft Date Collected: 08/07/13 11:40 Matrix: Solid

Date Received: 08/07/13 14:55 Percent Solids: 89.1

Method: 6010B - Metals (ICP) Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed ₩ Arsenic 4.6 2.4 0.48 mg/Kg 08/09/13 14:50 08/12/13 13:30

# **APPENDIX D**

# ANALYTICAL DATA: CONFIRMATORY SAMPLES



Serial\_No:02271412:47

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-01Date Collected:02/26/14 09:50Client ID:F-1Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil
Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.9 mg/kg 0.48 0.10 02/27/14 09:01 02/27/14 10:48 EPA 3050B 1,6010C MG



Serial\_No:02271412:47

1,6010C

MG

02/27/14 09:01 02/27/14 11:24 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-02Date Collected:02/26/14 09:56Client ID:F-2Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil Percent Solids: 86%

3.7

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.09



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-03Date Collected:02/26/14 10:00Client ID:W-1Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 77%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.3 mg/kg 0.52 0.10 02/27/14 09:01 02/27/14 11:27 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-04Date Collected:02/26/14 10:05Client ID:W-2Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 72%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.9 mg/kg 0.53 0.11 02/27/14 09:01 02/27/14 11:31 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-05Date Collected:02/26/14 10:11Client ID:W-3Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 73%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 21 mg/kg 0.51 0.10 02/27/14 09:01 02/27/14 11:35 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-06Date Collected:02/26/14 12:12Client ID:F-3Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.2 mg/kg 0.45 0.09 02/27/14 09:01 02/27/14 11:39 EPA 3050B 1,6010C MG



1,6010C

MG

02/27/14 09:01 02/27/14 11:43 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

**SAMPLE RESULTS** 

Lab ID:L1404179-07Date Collected:02/26/14 12:20Client ID:F-4Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.46

Matrix: Soil Percent Solids: 83%

280

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.09



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404179Project Number:BEV-13-030Report Date:02/27/14

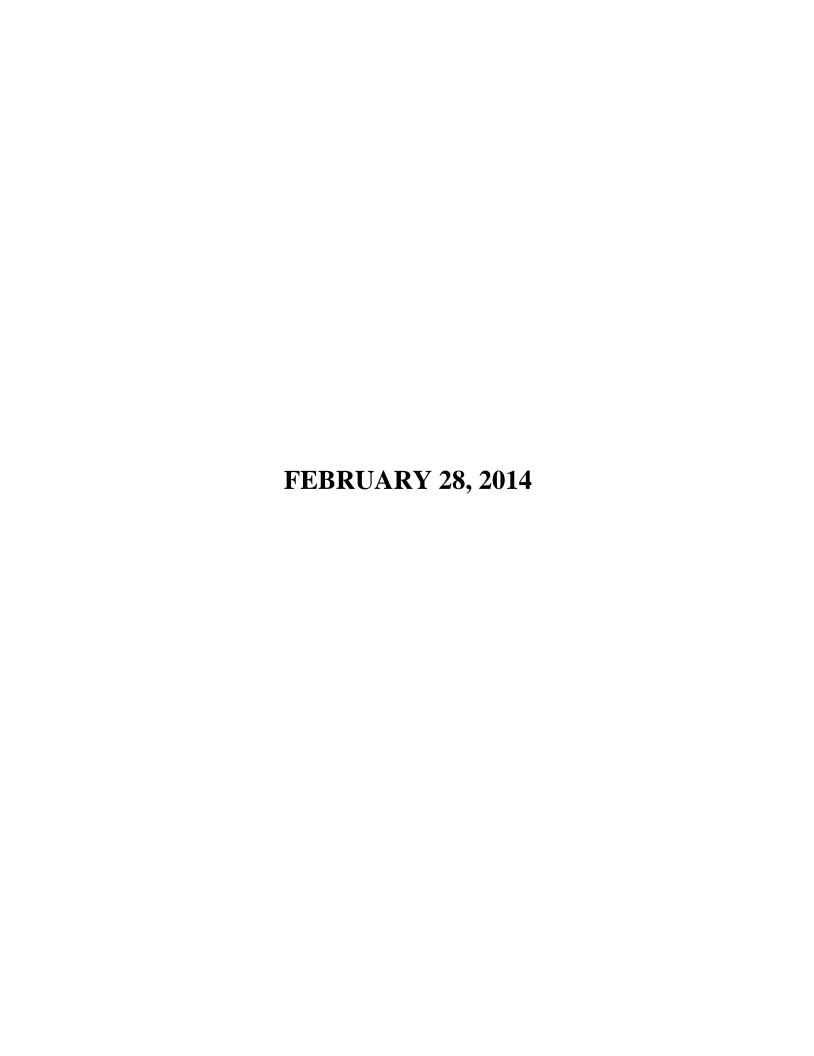
**SAMPLE RESULTS** 

Lab ID:L1404179-08Date Collected:02/26/14 12:32Client ID:W-4Date Received:02/26/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 7.3 mg/kg 0.46 0.09 02/27/14 09:01 02/27/14 11:46 EPA 3050B 1,6010C MG





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404397Project Number:BEV-13-030Report Date:03/03/14

**SAMPLE RESULTS** 

Lab ID:L1404397-01Date Collected:02/28/14 09:15Client ID:F-5Date Received:02/28/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.1 mg/kg 0.44 0.09 03/03/14 09:25 03/03/14 11:23 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404397Project Number:BEV-13-030Report Date:03/03/14

**SAMPLE RESULTS** 

Lab ID:L1404397-02Date Collected:02/28/14 09:22Client ID:F-6Date Received:02/28/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.2 mg/kg 0.44 0.09 03/03/14 09:25 03/03/14 12:01 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404397Project Number:BEV-13-030Report Date:03/03/14

**SAMPLE RESULTS** 

Lab ID:L1404397-03Date Collected:02/28/14 09:28Client ID:W-5Date Received:02/28/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.9 mg/kg 0.43 0.09 03/03/14 09:25 03/03/14 12:05 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404397Project Number:BEV-13-030Report Date:03/03/14

**SAMPLE RESULTS** 

Lab ID:L1404397-04Date Collected:02/28/14 13:57Client ID:F-7Date Received:02/28/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.2 mg/kg 0.44 0.09 03/03/14 09:25 03/03/14 12:08 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404397Project Number:BEV-13-030Report Date:03/03/14

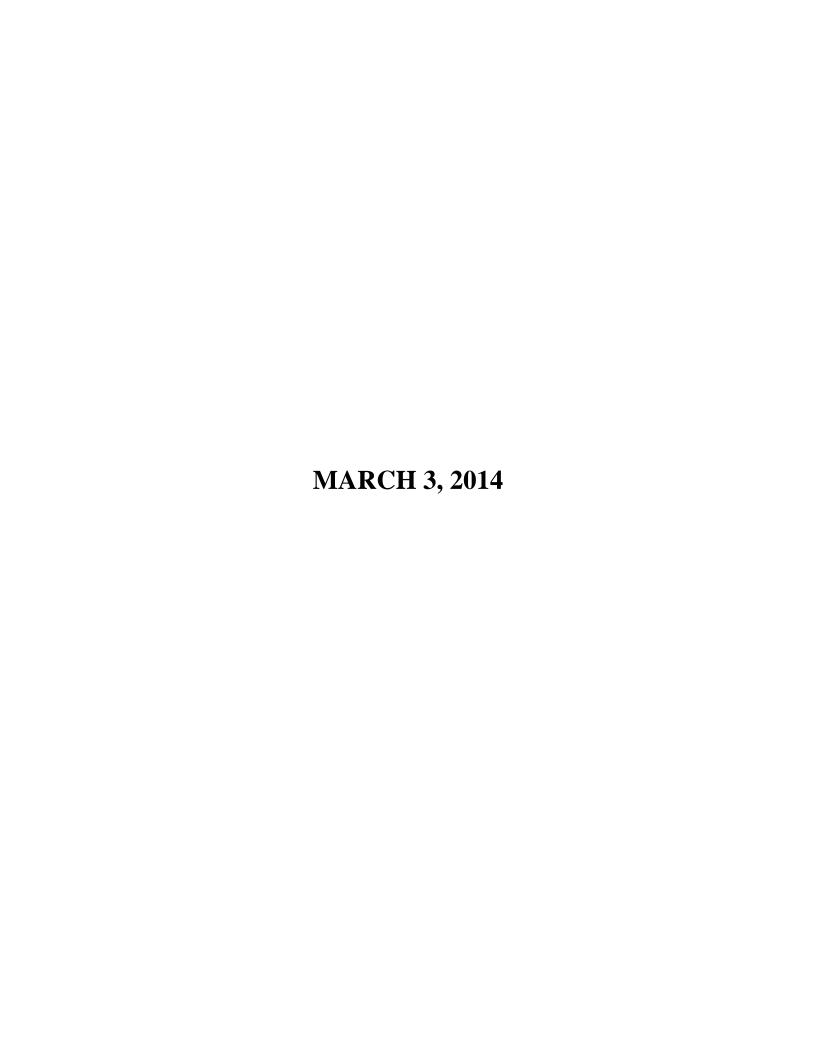
**SAMPLE RESULTS** 

Lab ID:L1404397-05Date Collected:02/28/14 14:05Client ID:F-8Date Received:02/28/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.3 mg/kg 0.45 0.09 03/03/14 09:25 03/03/14 12:12 EPA 3050B 1,6010C MG





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-01Date Collected:03/03/14 09:05Client ID:W-6Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 78%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.1 mg/kg 0.49 0.10 03/04/14 09:14 03/04/14 11:36 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-02Date Collected:03/03/14 09:09Client ID:W-7Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 3.2 mg/kg 0.47 0.10 1 03/04/14 09:14 03/04/14 12:13 EPA 3050B 1,6010C MG



1,6010C

MG

03/04/14 09:14 03/04/14 12:17 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-03Date Collected:03/03/14 09:12Client ID:W-8Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.59

Matrix: Soil
Percent Solids: 63%

66

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.12



1,6010C

MG

03/04/14 09:14 03/04/14 12:21 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-04Date Collected:03/03/14 09:18Client ID:F-9Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.55

Matrix: Soil Percent Solids: 71%

5.8

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.11



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-05Date Collected:03/03/14 09:23Client ID:F10Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 73%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.3 mg/kg 0.52 0.10 03/04/14 09:14 03/04/14 12:25 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-06Date Collected:03/03/14 09:32Client ID:W-9Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 4.1 mg/kg 0.46 0.09 1 03/04/14 09:14 03/04/14 12:28 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-07Date Collected:03/03/14 09:37Client ID:W-10Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.4 mg/kg 0.47 0.09 03/04/14 09:14 03/04/14 12:32 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-08Date Collected:03/03/14 09:44Client ID:F-11Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab Arsenic, Total 5.0 mg/kg 0.44 0.09 03/04/14 09:14 03/04/14 12:36 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-09Date Collected:03/03/14 09:51Client ID:F-12Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/04/14 09:14 03/04/14 12:40 EPA 3050B Arsenic, Total 2.8 mg/kg 0.45 0.09 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-10Date Collected:03/03/14 11:52Client ID:W-11Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.7 mg/kg 0.46 0.09 03/04/14 09:14 03/04/14 12:43 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-11Date Collected:03/03/14 11:56Client ID:W-12Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.2 mg/kg 0.45 0.09 03/04/14 09:14 03/04/14 12:47 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-12Date Collected:03/03/14 11:59Client ID:W-13Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Qualifier Parameter Result Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.2 mg/kg 0.46 0.09 03/04/14 09:14 03/04/14 12:59 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-13Date Collected:03/03/14 12:05Client ID:F-13Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 77%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.7 mg/kg 0.49 0.10 03/04/14 09:14 03/04/14 13:02 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

Lab ID:L1404454-14Date Collected:03/03/14 12:32Client ID:F-14Date Received:03/03/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab Arsenic, Total 3.7 mg/kg 0.44 0.09 03/04/14 09:14 03/04/14 13:06 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404454-15
 Date Collected:
 03/03/14 12:34

 Client ID:
 W-14
 Date Received:
 03/03/14

 Sample Location:
 BARKER, NY
 Field Prep:
 Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.8 mg/kg 0.46 0.09 03/04/14 09:14 03/04/14 13:10 EPA 3050B 1,6010C MG



MG

**Project Name:** BARKER CHEMICAL-NYSDEC Lab Number: L1404454 **Project Number:** Report Date: BEV-13-030 03/04/14

**SAMPLE RESULTS** 

Lab ID: Date Collected: 03/03/14 12:40 L1404454-16 W-15 Date Received: 03/03/14 Client ID: Sample Location: BARKER, NY Field Prep: Not Specified

mg/kg

0.44

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.3 03/04/14 09:14 03/04/14 13:14 EPA 3050B 1,6010C

0.09



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404454-17
 Date Collected:
 03/03/14 14:57

 Client ID:
 F-15
 Date Received:
 03/03/14

 Sample Location:
 BARKER, NY
 Field Prep:
 Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.5 mg/kg 0.45 0.09 03/04/14 09:14 03/04/14 13:17 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404454Project Number:BEV-13-030Report Date:03/04/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404454-18
 Date Collected:
 03/03/14 14:50

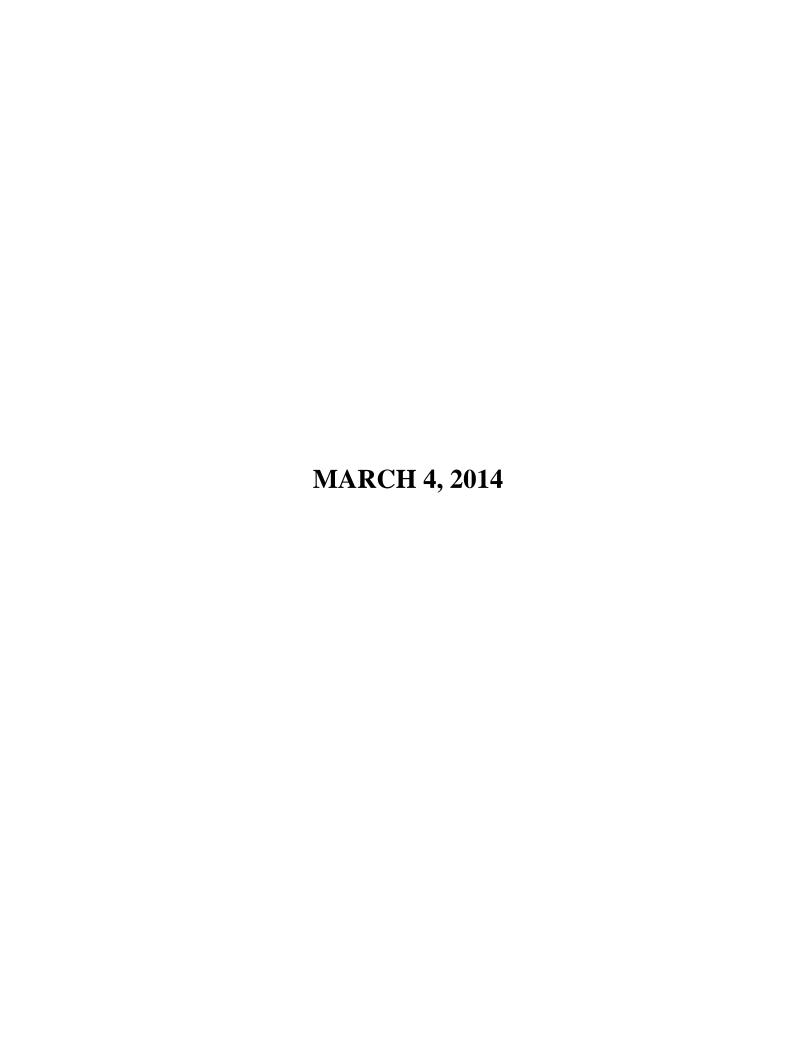
 Client ID:
 W-16
 Date Received:
 03/03/14

 Sample Location:
 BARKER, NY
 Field Prep:
 Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.6 mg/kg 0.45 0.09 03/04/14 09:14 03/04/14 13:21 EPA 3050B 1,6010C MG





1,6010C

TT

03/05/14 09:33 03/05/14 11:29 EPA 3050B

Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-01Date Collected:03/04/14 14:05Client ID:F16Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.44

Matrix: Soil Percent Solids: 87%

6.1

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.09



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-02Date Collected:03/04/14 14:10Client ID:F17Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.4 mg/kg 0.44 0.09 1 03/05/14 09:33 03/05/14 12:00 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404553-03
 Date Collected:
 03/04/14 14:15

 Client ID:
 F18
 Date Received:
 03/04/14

Sample Location: BARKER, NY Field Prep: Not Specified

Matrix: Soil
Percent Solids: 89%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.6 mg/kg 0.44 0.09 03/05/14 09:33 03/05/14 12:03 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-04Date Collected:03/04/14 14:20Client ID:F19Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 11 mg/kg 0.45 0.09 03/05/14 09:33 03/05/14 12:11 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-05Date Collected:03/04/14 14:25Client ID:F20Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 6.2 mg/kg 0.44 0.09 1 03/05/14 09:33 03/05/14 12:14 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-06Date Collected:03/04/14 14:30Client ID:F21Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 6.6 mg/kg 0.44 0.09 1 03/05/14 09:33 03/05/14 12:18 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-07Date Collected:03/04/14 14:40Client ID:W17Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

 Total Metals - Westborough Lab

 Arsenic, Total
 21
 mg/kg
 0.46
 0.09
 1
 03/05/14 09:33 03/05/14 12:22
 EPA 3050B
 1,6010C
 TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-08Date Collected:03/04/14 08:05Client ID:F4 RESAMPLEDate Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Percent Solids: 88%

Dilution Date Date Prep Analytical

Parameter Result Qualifier Units RL MDL Factor Prepared Analyzed Method Method Analyst

1 didilictei	Nosuit	Qualifici	Oilles	IV.L	MIDE		•	<u> </u>		Allalyst
Total Metals -	Westborough L	_ab								
Arsenic, Total	5.2		mg/kg	0.43	0.09	1	03/05/14 09	9:33 03/05/14 12:26 EPA 3050	3 1,6010C	TT



Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-09Date Collected:03/04/14 14:50Client ID:F22Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

Sample Location: BARKER, NY Field Prep:
Matrix: Soil
Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.7 mg/kg 0.44 0.09 1 03/05/14 09:33 03/05/14 12:41 EPA 3050B 1,6010C TT



1,6010C

TT

03/05/14 09:33 03/05/14 12:45 EPA 3050B

Project Name:BARKER CHEMICALLab Number:L1404553Project Number:BEV-13-030Report Date:03/05/14

**SAMPLE RESULTS** 

Lab ID:L1404553-10Date Collected:03/04/14 14:55Client ID:F23Date Received:03/04/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.45

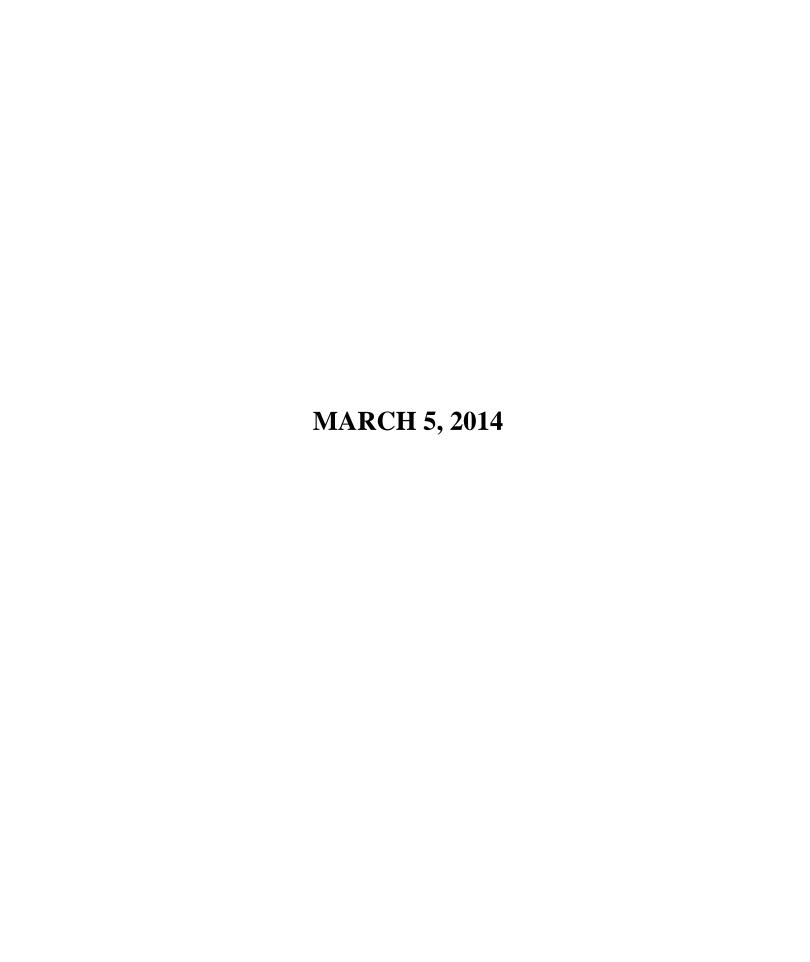
Matrix: Soil
Percent Solids: 84%

7.0

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab





Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-01Date Collected:03/05/14 12:20Client ID:F24Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/06/14 07:21 03/06/14 10:24 EPA 3050B Arsenic, Total 6.7 mg/kg 0.43 0.09 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-02Date Collected:03/05/14 12:25Client ID:F25Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Qualifier Parameter Result Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.4 mg/kg 0.43 0.09 1 03/06/14 07:21 03/06/14 10:39 EPA 3050B 1,6010C BC



Not Specified

Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404672-03
 Date Collected:
 03/05/14 12:30

 Client ID:
 F26
 Date Received:
 03/05/14

Sample Location: BARKER, NY Field Prep:
Matrix: Soil
Percent Solids: 90%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 7.7 mg/kg 0.42 0.09 03/06/14 07:21 03/06/14 10:43 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-04Date Collected:03/05/14 12:35Client ID:F27Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Sample Location: BARKER, NY
Matrix: Soil
Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Qualifier Parameter Result Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.2 mg/kg 0.45 0.09 1 03/06/14 07:21 03/06/14 10:47 EPA 3050B 1,6010C BC



1,6010C

ВС

03/06/14 07:21 03/06/14 11:02 EPA 3050B

Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-05Date Collected:03/05/14 12:40Client ID:W18Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.44

Matrix: Soil
Percent Solids: 87%

4.1

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-06Date Collected:03/05/14 12:45Client ID:W19Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.2 mg/kg 0.44 0.09 03/06/14 07:21 03/06/14 11:06 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-07Date Collected:03/05/14 12:50Client ID:W20Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.3 mg/kg 0.46 0.09 03/06/14 07:21 03/06/14 11:09 EPA 3050B 1,6010C ВС



1,6010C

ВС

03/06/14 07:21 03/06/14 11:13 EPA 3050B

Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-08Date Collected:03/05/14 12:55Client ID:W21Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.46

Matrix: Soil Percent Solids: 80%

4.8

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-09Date Collected:03/05/14 13:00Client ID:W22Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Qualifier Parameter Result Units MDL RLAnalyst Total Metals - Westborough Lab 03/06/14 07:21 03/06/14 11:17 EPA 3050B Arsenic, Total 4.0 mg/kg 0.43 0.09 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-10Date Collected:03/05/14 13:05Client ID:W23Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Units Parameter Result Qualifier MDL RLAnalyst

Total Metals - We	stborough Lab						
Arsenic, Total	4.1	mg/kg	0.44	0.09	1	03/06/14 07:21 03/06/14 11:21 EPA 3050B 1,6010	С ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-11Date Collected:03/05/14 13:10Client ID:W24Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 81%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/06/14 07:21 03/06/14 11:24 EPA 3050B Arsenic, Total 3.0 mg/kg 0.48 0.10 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

 Lab ID:
 L1404672-12
 Date Collected:
 03/05/14 15:35

 Client ID:
 F28
 Date Received:
 03/05/14

Sample Location: BARKER, NY Field Prep: Not Specified Matrix: Soil

Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Qualifier Parameter Result Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.1 mg/kg 0.44 0.09 03/06/14 07:21 03/06/14 11:28 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICALLab Number:L1404672Project Number:BEV-13-030Report Date:03/06/14

**SAMPLE RESULTS** 

Lab ID:L1404672-13Date Collected:03/05/14 15:40Client ID:W25Date Received:03/05/14Sample Location:BARKER, NYField Prep:Not Specified

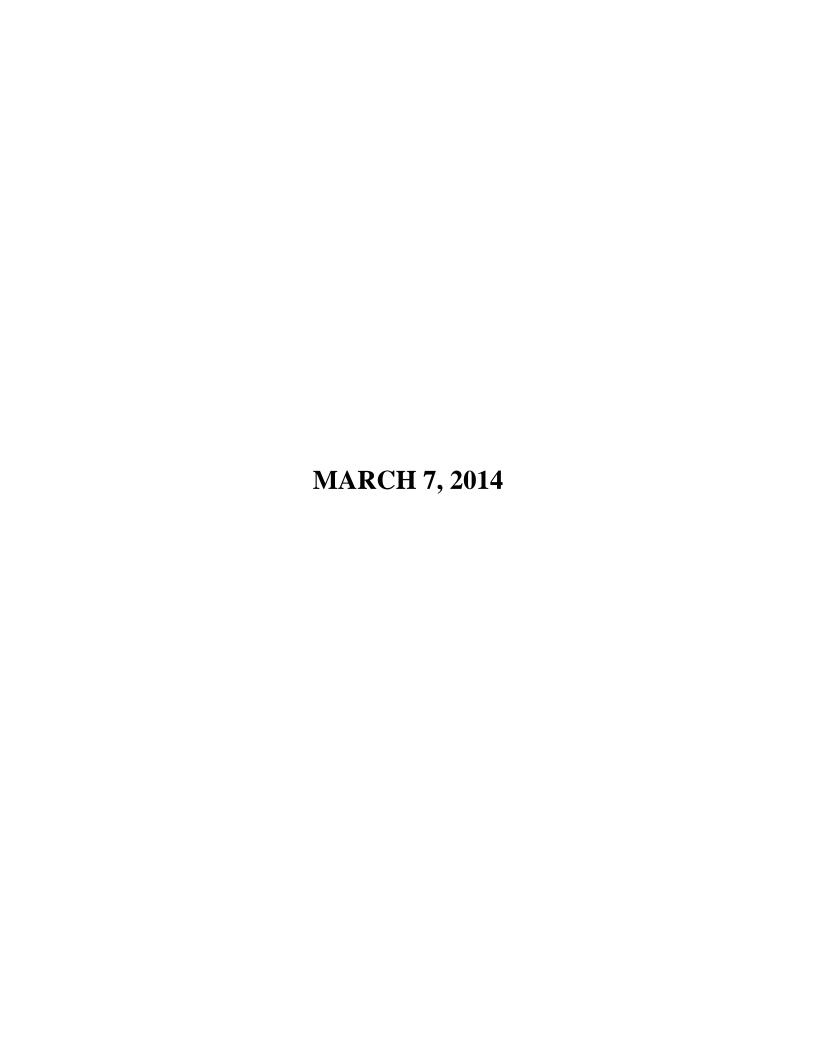
Matrix: Soil
Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 3.4 mg/kg 0.44 0.09 1 03/06/14 07:21 03/06/14 11:32 EPA 3050B 1,6010C BC





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-01Date Collected:03/07/14 11:00Client ID:F-29Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 6.7 mg/kg 0.44 0.09 03/10/14 09:18 03/10/14 12:35 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-02Date Collected:03/07/14 11:07Client ID:W-26Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.0 mg/kg 0.43 0.09 03/10/14 09:18 03/10/14 13:11 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-03Date Collected:03/07/14 11:11Client ID:W-27Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 8.9 mg/kg 0.45 0.09 03/10/14 09:18 03/10/14 13:15 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-04Date Collected:03/07/14 11:19Client ID:W-28Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.0 mg/kg 0.46 0.09 03/10/14 09:18 03/10/14 13:19 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-05Date Collected:03/07/14 11:27Client ID:F-30Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.6 mg/kg 0.45 0.09 03/10/14 09:18 03/10/14 13:23 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

**SAMPLE RESULTS** 

Lab ID:L1404887-06Date Collected:03/07/14 11:34Client ID:F-31Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 90%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.1 mg/kg 0.42 0.08 03/10/14 09:18 03/10/14 13:26 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404887Project Number:BEV-13-030Report Date:03/10/14

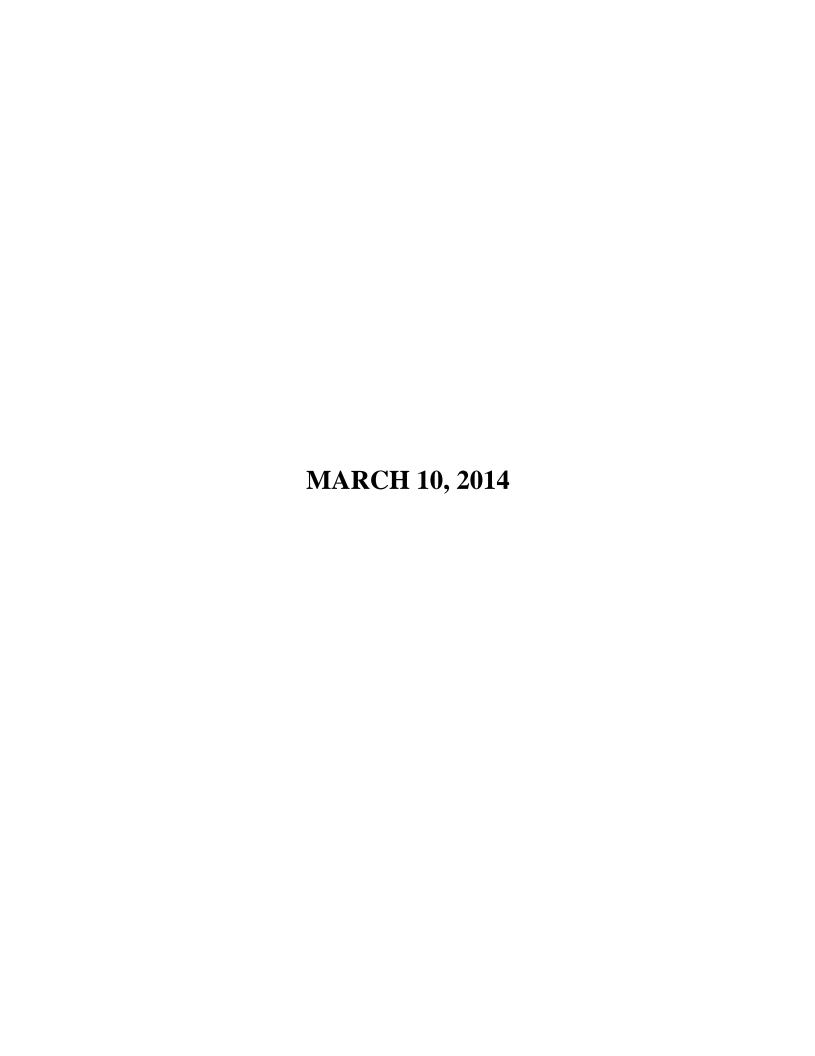
**SAMPLE RESULTS** 

Lab ID:L1404887-07Date Collected:03/07/14 11:44Client ID:W-29Date Received:03/07/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.8 mg/kg 0.44 0.09 03/10/14 09:18 03/10/14 13:30 EPA 3050B 1,6010C ВС





1,6010C

TT

03/11/14 09:01 03/11/14 12:19 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-01Date Collected:03/10/14 08:45Client ID:F32Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.47

Matrix: Soil
Percent Solids: 82%

8.1

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

TT

03/11/14 09:01 03/11/14 12:34 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-02Date Collected:03/10/14 08:51Client ID:F33Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

0.46

mg/kg

Matrix: Soil Percent Solids: 84%

7.5

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

TT

03/11/14 09:01 03/11/14 12:37 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-03Date Collected:03/10/14 09:00Client ID:W30Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.45

Matrix: Soil
Percent Solids: 84%

9.3

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-04Date Collected:03/10/14 09:11Client ID:W31Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 78%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 4.2 mg/kg 0.48 0.10 1 03/11/14 09:01 03/11/14 12:41 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-05Date Collected:03/10/14 09:17Client ID:W32Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 8.9 mg/kg 0.46 0.09 03/11/14 09:01 03/11/14 12:58 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-06Date Collected:03/10/14 09:33Client ID:W33Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - We	stborough Lab							
Arsenic, Total	7.7	mg/kg	0.47	0.10	1	03/11/14 09:01 03/11/14 13:01 EPA 3050B	1,6010C	TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-07Date Collected:03/10/14 11:17Client ID:F34Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 6.6 mg/kg 0.45 0.09 03/11/14 09:01 03/11/14 13:05 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-08Date Collected:03/10/14 11:23Client ID:F35Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 81%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

 Total Metals - Westborough Lab

 Arsenic, Total
 10
 mg/kg
 0.47
 0.09
 1
 03/11/14 09:01 03/11/14 13:09
 EPA 3050B
 1,6010C
 TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-09Date Collected:03/10/14 11:29Client ID:W34Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 74%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 7.9 mg/kg 0.51 0.10 03/11/14 09:01 03/11/14 13:13 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-10Date Collected:03/10/14 11:34Client ID:W35Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 70%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 34 mg/kg 0.56 0.11 03/11/14 09:21 03/11/14 11:18 EPA 3050B 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-11Date Collected:03/10/14 14:00Client ID:F36Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

 Total Metals - Westborough Lab

 Arsenic, Total
 5.4
 mg/kg
 0.44
 0.09
 1
 03/11/14 09:21 03/11/14 11:56
 EPA 3050B
 1,6010C
 BC



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-12Date Collected:03/10/14 14:08Client ID:F37Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

 Total Metals - Westborough Lab

 Arsenic, Total
 5.8
 mg/kg
 0.46
 0.09
 1
 03/11/14 09:21 03/11/14 12:00
 EPA 3050B
 1,6010C
 BC



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

**SAMPLE RESULTS** 

Lab ID:L1404968-13Date Collected:03/10/14 14:16Client ID:W36Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/11/14 09:21 03/11/14 12:04 EPA 3050B Arsenic, Total 4.4 mg/kg 0.45 0.09 1,6010C ВС



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1404968Project Number:BEV-13-030Report Date:03/11/14

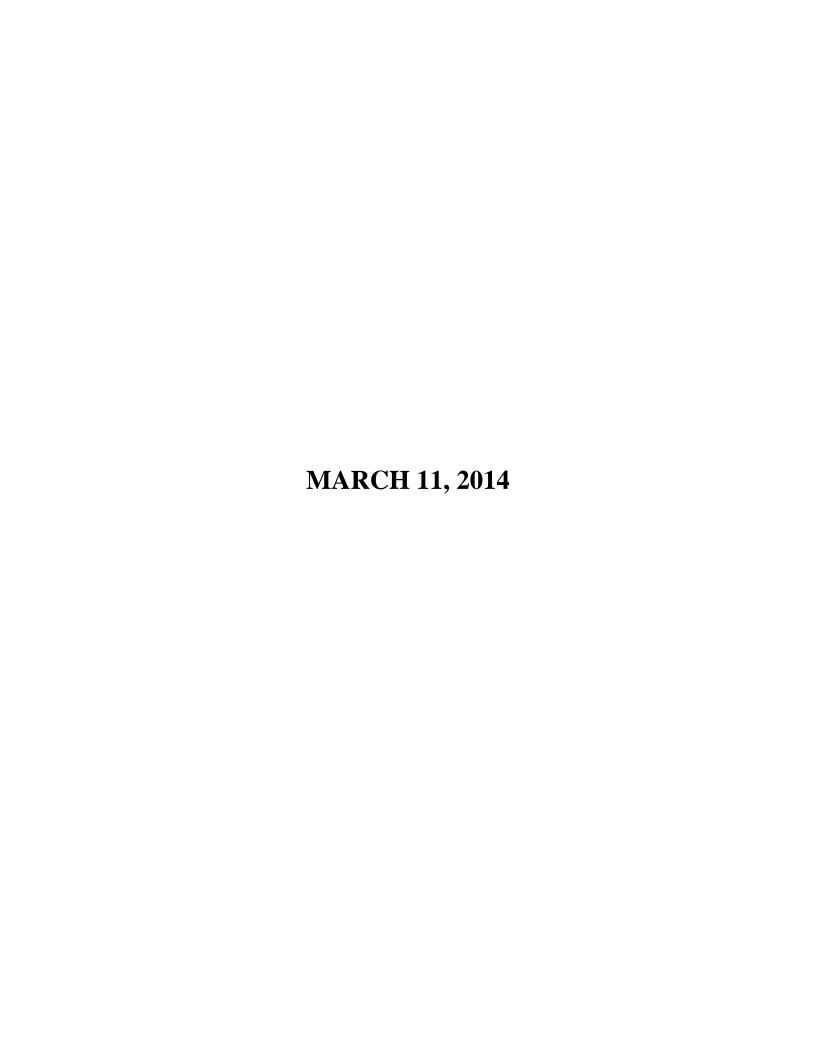
**SAMPLE RESULTS** 

Lab ID:L1404968-14Date Collected:03/10/14 14:20Client ID:W37Date Received:03/10/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab Arsenic, Total 4.8 mg/kg 0.44 0.09 03/11/14 09:21 03/11/14 12:08 EPA 3050B 1,6010C ВС





1,6010C

JH

03/12/14 09:47 03/12/14 14:27 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-01Date Collected:03/11/14 08:55Client ID:F38Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil Percent Solids: 86%

9.2

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

JH

03/12/14 09:47 03/12/14 14:55 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-02Date Collected:03/11/14 09:02Client ID:F39Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.44

Matrix: Soil
Percent Solids: 86%

5.7

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-03Date Collected:03/11/14 09:07Client ID:W38Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.5 mg/kg 0.44 0.09 03/12/14 09:47 03/12/14 14:59 EPA 3050B 1,6010C JH



1,6010C

JH

03/12/14 09:47 03/12/14 15:02 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-04Date Collected:03/11/14 09:12Client ID:W39Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.44

Matrix: Soil Percent Solids: 85%

5.4

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-05Date Collected:03/11/14 09:17Client ID:W40Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 6.2 mg/kg 0.46 0.09 03/12/14 09:47 03/12/14 15:06 EPA 3050B 1,6010C JH



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-06Date Collected:03/11/14 09:30Client ID:F40Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Qualifier Prepared Analyzed Method Parameter MDL Factor Result Units RL Analyst

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Total Metals - \	Westborough L	_ab								
Arsenic, Total	6.2		mg/kg	0.47	0.09	1	03/12/14 09:	47 03/12/14 15:10 EPA 3050	B 1,6010C	JH



1,6010C

JH

03/12/14 09:47 03/12/14 15:14 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-07Date Collected:03/11/14 09:37Client ID:W41Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil
Percent Solids: 85%

6.0

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

JH

03/12/14 09:47 03/12/14 15:17 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-08Date Collected:03/11/14 09:41Client ID:W42Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil Percent Solids: 87%

5.8

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-09Date Collected:03/11/14 09:46Client ID:W43Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.9 mg/kg 0.44 0.09 1 03/12/14 09:47 03/12/14 15:21 EPA 3050B 1,6010C JH



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-10Date Collected:03/11/14 09:50Client ID:W44Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.7 mg/kg 0.45 0.09 03/12/14 09:47 03/12/14 15:25 EPA 3050B 1,6010C JH



1,6010C

JH

03/12/14 09:47 03/12/14 15:36 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-11Date Collected:03/11/14 11:40Client ID:F41Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.46

Matrix: Soil
Percent Solids: 85%

6.2

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-12Date Collected:03/11/14 11:46Client ID:F42Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Sample Location: BARKER, NEW YORK
Matrix: Soil

Percent Solids: 86% Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.5 mg/kg 0.45 0.09 1 03/12/14 09:47 03/12/14 15:40 EPA 3050B 1,6010C JH



1,6010C

JH

03/12/14 09:47 03/12/14 15:44 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-13Date Collected:03/11/14 11:50Client ID:W45Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.44

Matrix: Soil Percent Solids: 85%

6.4

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

JH

03/12/14 09:47 03/12/14 15:48 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-14Date Collected:03/11/14 11:54Client ID:W46Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.47

Matrix: Soil Percent Solids: 83%

5.2

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

JH

03/12/14 09:47 03/12/14 15:52 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405075Project Number:BEV-13-030Report Date:03/12/14

**SAMPLE RESULTS** 

Lab ID:L1405075-15Date Collected:03/11/14 11:58Client ID:W47Date Received:03/11/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.43

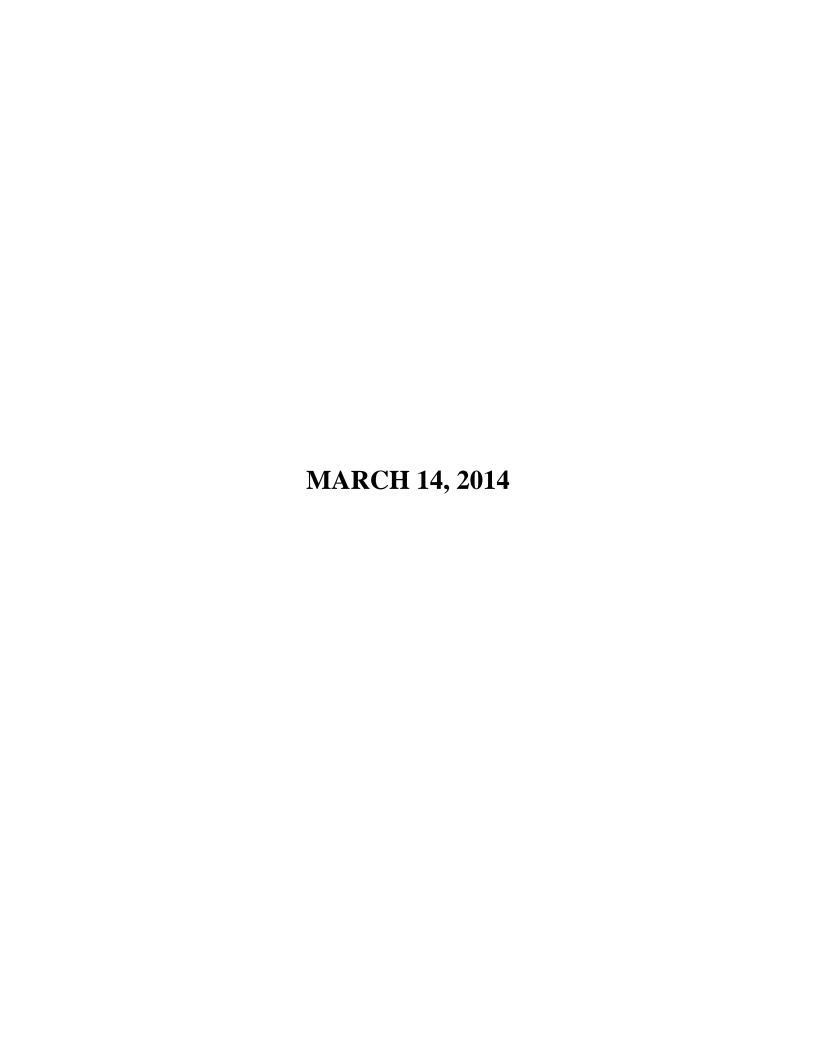
Matrix: Soil Percent Solids: 87%

5.5

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-01Date Collected:03/14/14 08:34Client ID:F43Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil
Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 5.9 mg/kg 0.44 0.09 1 03/17/14 09:20 03/17/14 11:53 EPA 3050B 1,6010C TT



TT

03/17/14 09:20 03/17/14 11:57 EPA 3050B

**Project Name:** Lab Number: BARKER CHEMICAL-NYSDEC L1405419 **Project Number:** Report Date: BEV-13-030 03/17/14

**SAMPLE RESULTS** 

Lab ID: Date Collected: 03/14/14 08:42 L1405419-02 F44 Date Received: 03/14/14 Client ID: Sample Location: BARKER, NEW YORK Field Prep: Not Specified

mg/kg

0.44

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 6.4 0.09 1,6010C



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-03Date Collected:03/14/14 08:47Client ID:W48Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil
Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/17/14 09:20 03/17/14 12:00 EPA 3050B Arsenic, Total 9.8 mg/kg 0.45 0.09 1,6010C TT



1,6010C

TT

03/17/14 09:20 03/17/14 12:04 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-04Date Collected:03/14/14 08:51Client ID:W49Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil Percent Solids: 86%

6.2

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



1,6010C

TT

03/17/14 09:20 03/17/14 12:30 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-05Date Collected:03/14/14 08:56Client ID:W50Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil
Percent Solids: 85%

6.8

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-06Date Collected:03/14/14 09:50Client ID:F45Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil
Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-07Date Collected:03/14/14 09:56Client ID:F46Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

Matrix: Soil

Percent Solids: 79% Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 7.2 mg/kg 0.50 0.10 1 03/17/14 09:20 03/17/14 12:38 EPA 3050B 1,6010C TT



1,6010C

TT

03/17/14 09:20 03/17/14 12:41 EPA 3050B

Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

Lab ID:L1405419-08Date Collected:03/14/14 13:25Client ID:F47Date Received:03/14/14Sample Location:BARKER, NEW YORKField Prep:Not Specified

mg/kg

0.45

Matrix: Soil
Percent Solids: 88%

7.1

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405419Project Number:BEV-13-030Report Date:03/17/14

**SAMPLE RESULTS** 

 Lab ID:
 L1405419-09
 Date Collected:
 03/14/14 13:32

 Client ID:
 F48
 Date Received:
 03/14/14

Sample Location: BARKER, NEW YORK Field Prep: Not Specified

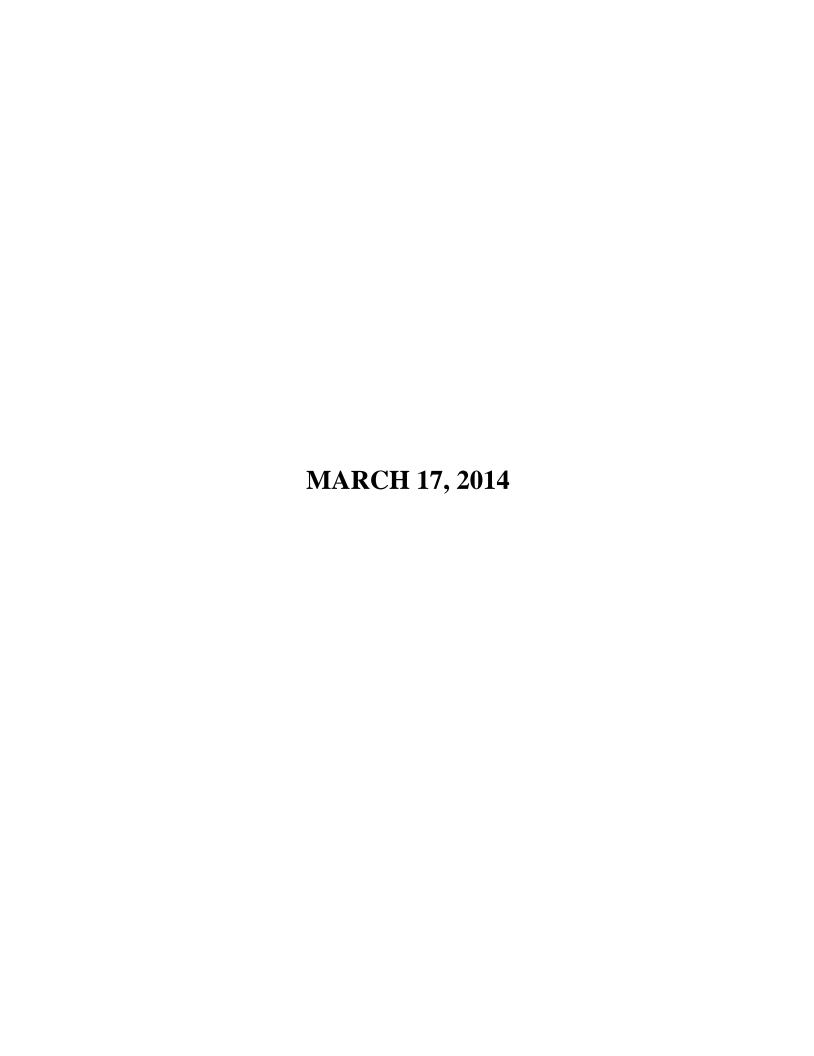
Matrix: Soil
Percent Solids: 89%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 6.0 mg/kg 0.43 0.09 1 03/17/14 09:20 03/17/14 12:45 EPA 3050B 1,6010C TT





Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-01Date Collected:03/17/14 09:10Client ID:F49Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.7 mg/kg 0.45 0.09 03/17/14 09:21 03/18/14 11:11 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-02Date Collected:03/17/14 09:16Client ID:F50Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/17/14 09:21 03/18/14 11:26 EPA 3050B Arsenic, Total 4.0 mg/kg 0.45 0.09 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-04Date Collected:03/17/14 09:36Client ID:W51Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.9 mg/kg 0.43 0.09 03/17/14 09:21 03/18/14 11:45 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-05Date Collected:03/17/14 11:44Client ID:F51Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 3.8 03/17/14 09:21 03/18/14 11:49 EPA 3050B Arsenic, Total mg/kg 0.44 0.09 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-06Date Collected:03/17/14 11:51Client ID:F52Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab Arsenic, Total 3.9 mg/kg 0.44 0.09 03/17/14 09:21 03/18/14 11:53 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-07Date Collected:03/17/14 11:56Client ID:W52Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.4 mg/kg 0.46 0.09 03/17/14 09:21 03/18/14 11:57 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-08Date Collected:03/17/14 12:00Client ID:W53Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 85%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.5 mg/kg 0.45 0.09 03/17/14 09:21 03/18/14 12:01 EPA 3050B 1,6010C MG



Project Name:BARKER CHEMICAL-NYSDECLab Number:L1405540Project Number:BEV-13-030Report Date:03/18/14

**SAMPLE RESULTS** 

Lab ID:L1405540-03Date Collected:03/17/14 09:23Client ID:W54Date Received:03/17/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 83%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 2.5 mg/kg 0.46 0.09 03/17/14 09:21 03/18/14 11:30 EPA 3050B 1,6010C MG





1,6010C

TT

03/19/14 09:13 03/19/14 11:42 EPA 3050B

Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-01Date Collected:03/18/14 09:00Client ID:F53Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.43

Matrix: Soil
Percent Solids: 88%

3.9

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.09



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-02Date Collected:03/18/14 09:12Client ID:F54Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab 03/19/14 09:13 03/19/14 12:14 EPA 3050B Arsenic, Total 3.5 mg/kg 0.43 0.09 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-03Date Collected:03/18/14 09:20Client ID:W55Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

 Total Metals - Westborough Lab

 Arsenic, Total
 4.7
 mg/kg
 0.44
 0.09
 1
 03/19/14 09:13 03/19/14 12:18
 EPA 3050B
 1,6010C
 TT



1,6010C

TT

03/19/14 09:13 03/19/14 12:22 EPA 3050B

Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-04Date Collected:03/18/14 09:27Client ID:W56Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.45

Matrix: Soil Percent Solids: 86%

3.5

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab

0.09



1,6010C

TT

03/19/14 09:13 03/19/14 12:26 EPA 3050B

Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-05Date Collected:03/18/14 13:36Client ID:F55Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

mg/kg

0.44

Matrix: Soil
Percent Solids: 89%

3.4

Arsenic, Total

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab

0.09



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-06Date Collected:03/18/14 13:45Client ID:F56Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 89%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst

Total Metals - Westborough Lab

Arsenic, Total 4.0 mg/kg 0.44 0.09 1 03/19/14 09:13 03/19/14 12:38 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-07Date Collected:03/18/14 13:50Client ID:W57Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 88%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst Total Metals - Westborough Lab 3.9 Arsenic, Total mg/kg 0.44 0.09 03/19/14 09:13 03/19/14 12:41 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-08Date Collected:03/18/14 13:57Client ID:W58Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.4 mg/kg 0.45 0.09 03/19/14 09:13 03/19/14 12:45 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-09Date Collected:03/18/14 11:12Client ID:F57Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 5.0 mg/kg 0.47 0.10 03/19/14 09:13 03/19/14 12:49 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-10Date Collected:03/18/14 11:18Client ID:F58Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.5 mg/kg 0.45 0.09 03/19/14 09:13 03/19/14 12:53 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-11Date Collected:03/18/14 11:30Client ID:W59Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 82%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.9 mg/kg 0.46 0.09 03/19/14 09:13 03/19/14 13:14 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-12Date Collected:03/18/14 11:38Client ID:W60Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst

Total Metals - Westborough Lab

Arsenic, Total 2.9 mg/kg 0.45 0.09 1 03/19/14 09:13 03/19/14 13:17 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-13Date Collected:03/18/14 11:42Client ID:W61Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil
Percent Solids: 86%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RL Analyst

Total Metals - Westborough Lab

Arsenic, Total 4.1 mg/kg 0.44 0.09 1 03/19/14 09:13 03/19/14 13:21 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-14Date Collected:03/18/14 11:51Client ID:W62Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 84%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 4.2 mg/kg 0.46 0.09 03/19/14 09:13 03/19/14 13:25 EPA 3050B 1,6010C TT



Project Name:BARKER CHEMICAL - NYSDECLab Number:L1405633Project Number:BEV-13-030Report Date:03/19/14

**SAMPLE RESULTS** 

Lab ID:L1405633-15Date Collected:03/18/14 12:10Client ID:W63Date Received:03/18/14Sample Location:BARKER, NYField Prep:Not Specified

Matrix: Soil Percent Solids: 87%

Analytical Method Dilution Date Date Prep Factor Prepared Analyzed Method Parameter Result Qualifier Units MDL RLAnalyst Total Metals - Westborough Lab Arsenic, Total 3.7 mg/kg 0.43 0.09 03/19/14 09:13 03/19/14 13:29 EPA 3050B 1,6010C TT

