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**Division of Environmental Remediation**

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# **Remediation Report**

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

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**May 2015**

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

**APPENDIX A**

**SOIL BORING LOGS**

**ROW A**

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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


HOLE NO. A(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, some f-m Gravel, tr silt (moist, FILL) Red-Brown Silty CLAY, little f-c Gravel, tr.sand (moist, FILL)	Sample #1 Recovery 3.2'
2		Becomes Stained Gray, contains tr ash	Sulphur odor noted on Sample #1
3			Sample #2 Recovery 2.9'
4			
5		Red Brown Clayey SILT, little "carbon-like" nodules, occassional staining (moist, ML)	
6			
7			Sample #3 Recovery 1.6'
8		Gray Weathered SILTSTONE FRAGMENTS Red Brown SILT, tr gravel (moist, ML)	
9		Red Brown Silty CLAY, tr sand (moist, CL)	
10			Collected samples at 2', 4', 6' and 8' for analytical testing.
11		Gray Weather SILTSTONE	
12		Refusal at 10.0'	
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:

STARTED

8/5/2013

FINISHED

8/5/2013

SHEET

1 OF 1

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

HOLE NO. A(-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

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)	Sample #1 Recovery 3.3'
2		Gray Clayey Silt, little f-c Sand, ash-like laminations (moist, FILL, possible Sludge)	
3			
4		Red-Brown Clayey Silt, ash-like lamination (moist, FILL, possible Sludge)	Sample #2 Recovery 2.6'
5		Red-Brown to Brown SILT, little Fine Sand (moist, ML)'	
6			
7		Red-Brown Weathered SILTSTONE, occasional Silty Clay seams, occasional Calcite precipitates	Sample #3 Recovery 2.7'
8			
9			
10			Collected samples at 2.8', 4.0', 6.0' and 8.0' for analytical testing.
11			
12		Refusal at 11.2'	
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:

STARTED

8/5/2013

FINISHED

8/5/2013

SHEET

1 OF 1

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

HOLE NO. A-0

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL) Red Brown Silty CLAY, tr gravel, tr 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			
4		Gray Clayey SILT, tr coal, occassional white laminations (moist, FILL, possible sludge)	
5		Brown Clayey SILT, tr sand (moist, ML) Contains "and" f-c Sand (moist-wet)	Sample #2 Recovery 2.7'
6		Brown SILT, some f Sand (moist-wet, ML)	
7			
8			
9		Red Brown Clayey SILT, tr sand (moist, ML)	Sample #3 Recovery 2.5'
10		Red-Brown Highly Weathered SILTSTONE	
11			
12		Refusal at 11.4'	Collected samples at 2.3', 4', 6', 8' and 10' for analytical testing.
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:

STARTED

7/10/2013

FINISHED

7/10/2013

SHEET

1 OF 1

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


HOLE NO. A-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Clayey SILT, tr.sand, tr.organics (moist, FILL) Gray f-c GRAVEL, tr.sand, tr.silt (moist, FILL)	Sample #1 Recovery 0.9'
2			
3			
4			
5		Gray Clayey SILT (moist, FILL) Gray f-c Gravel, little f-c Sand, tr.organics/ roots (moist, FILL)	Sample #2 Recovery 2.6'
6		Dark Red-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
7			
8			
9			Sample #3 Recovery 3.0'
10		Red-Brown SILT, tr.sand, tr.clay (moist, ML) Red-Brown-Gray Weathered SILTSTONE	
11			
12		Refusal at 11.4'	Collected samples at 6', 8', and 10' for analytical testing.
13			
14			
15			
16			

DRILLER: A. KOSKE

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

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

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



HOLE NO. A-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c GRAVEL, some f-c Sand, tr.silt (moist, FILL) Tan-Brown f-c SAND, tr.silt (moist, FILL)	
2		Gray f-c Gravel, tr.organics/ roots (moist, FILL)	Sample #1 Recovery 1.3'
3		Brown Clayey SILT, tr.gravel (moist, FILL) Gray Fine Sand, tr.gravel, tr.silt (moist-wet, FILL)	
4		Red-Brown Fine Sand, some Silt, tr.coal (moist, FILL)	Sample #2 Recovery 1.5'
5		Brown-Yellow Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, GW, possible FILL)	
6		Brown-Red Brown Fine SAND and Silt (moist, SM) Contains tr.gravel	Sample #3 Recovery 3.6'
7			
8			
9		Dark Gray-Black SILT, tr.sand (moist, ML) Red Brown-Gray Weathered SILTSTONE	Sample #4 Recovery 1.9'
10			
11		Refusal at 10.1'	Collected samples at 4', 6', and 8' for analytical testing.
12			
13			
14			
15			
16			

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



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

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



HOLE NO. A-3  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics (moist, FILL)	
		Gray f-c Gravel, tr.sand, tr.silt (moist, FILL)	
		Brown Fine Sand, some Silt, tr.brick (moist, FILL)	Sample #1 Recovery 1.4'
2			
		Brown-Red Brown Fine SAND and Silt, tr.gravel (moist, SM)	Sample #2 Recovery 1.7'
3			
4			
5			
			Sample #3 Recovery 2.0'
6			
		Red-Brown SILT, little Fine Sand (moist, ML)	
7			
8			
		Green Gray-Red Brown Weathered SILTSTONE	Sample #4 Recovery 1.3'
9			
10			
		Refusal at 9.5'	Collected Samples at 4', 8', and 8.3' for 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 PUSH SAMPLING

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

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



HOLE NO. A-4  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics/ roots (moist, topsoil)	
		Brown Clayey Silt, tr.sand (moist, FILL)	
		Tan Fine Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.2'
2		Gray-Pink f-c Sand, little Silt (moist, FILL)	
		Brown-Gray Fine SAND, some Silt, tr.gravel (moist, SM)	
3			
4			Sample #2 Recovery 3.0'
5			
6		Gray-Red Brown Weathered SILTSTONE	Limestone cobble fragments present on TUR
7			
8			Sample #3 Recovery 2.3'
9			
10			
11		Refusal at 10.2'	Collected samples at 2', 4', and 5.6' for analytical testing.
12			
13			
14			
15			
16			

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

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

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



HOLE NO. A-5  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil) Contains little Fine Sand	
2		Brown Fine SAND and Silt (moist, ML) Becomes Light Gray, Contains little Silt	Sample #1 Recovery 3.4'
3		Becomes Gray, Contains some Silt	
4			Sample #2 Recovery 2.6'
5			
6			
7		Gray f-c GRAVEL, some Fine Sand, little Silt (moist, wet, GW)	
8		Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 6.9' for analytical testing.
10			
11			
12			
13			
14			
15			
16			

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

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

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



HOLE NO. A-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

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, FILL)	
2		Red-Brown Fine SAND, some Silt, tr.organics/ roots (moist, SM)	Sample #1 Recovery 3.0'
		Contains Fine Gravel seam at 1.5'	
3		(moist-wet)	
		Becomes Gray, Contains "and" Silt	
4			Sample #2 Recovery 2.1'
5			
6			
7		Red-Brown SILT, tr.gravel, tr.sand (moist, SM)	
		Green Gray-Red Brown Weathered SILTSTONE	
8			
9		Probe Complete at 8.0'	Collected samples at
10			2', 4', 6.4' for
11			analytical testing.
12			
13			
14			
15			
16			

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

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

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



HOLE NO. A-7  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
2		Tan Silty CLAY, tr.sand (moist, CL)	Sample #1 Recovery 3.3'
3		Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM) (moist)	
4			Sample #2 Recovery 2.2'
5		Brown SILT, little Fine Sand (moist, ML)	
6		Contains little f-c Gravel Gray-Red Brown Weathered SILTSTONE	
7		Refusal at 6.0'	Collected samples at 2', 4', and 5.4' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

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

**ROW B**

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. B(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt (moist, FILL) 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 3.5'
2			
3		Gray f SAND, some Silt, occassional white laminations (moist, FILL, possible sludge)	Dark gray staining noted on possible sludge
4		Black SILT, little f-c Gravel, little f-c Sand (moist, FILL) Black to Gray f-c GRAVEL, some f-c Sand, tr silt, tr ash (moist, FILL)	Sulphur odor noted near bottom of Sample # 1
5			
6			Sample #2 Recovery 3.1'
7		Brown to Red Brown f SAND and Silt, occassional dark gray staining (moist, SM)	
8		Red Brown SILT, little f Sand (moist, ML)	
9		Red Brown to Gray Highly Weathered SILTSTONE	Sample #3 Recovery 1.4'
10		Red Brown Weathered SILTSTONE, occassional silty clay seams, occassional "grout" deposits, occassional staining	Collected samples at 2', 4' and 6' for analytical testing
11		Refusal at 9.7'	
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:

STARTED

8/6/2013

FINISHED

8/6/2013

SHEET

1 OF 1

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

HOLE NO. B(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray Brown f-c SAND, little f Gravel, tr silt (moist, FILL)	Sample #1 Recovery 3.4'
		Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
		Red Brown Silty CLAY, tr gravel, tr sand (moist, FILL)	
2		Becomes Brown	Gravel size slag present on top of black silt
3			
4		Black SILT, frequent white laminations (moist, FILL, possible sludge)	
5		Red Brown Clayey SILT, tr gravel, minor staining noted (moist, ML)	Sulfur odor noted on black silt
6			
7		Red Brown f SAND, some Silt (moist, SM)	
8		Red Brown Clayey SILT, tr sand (moist, ML)	Sample #2 Recovery 2.3'
9		Red Brown Weathered SILTSTONE	
10		Refusal at 8.4 feet	
11			Collected samples at 2, 4', 6' and 8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING



DATE: \_\_\_\_\_  
 STARTED 8/5/2013  
 FINISHED 8/5/2013  
 SHEET 1 OF 1

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



HOLE NO. B0  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c SAND, little Organics, tr.silt (moist, FILL)	
2		Black to Brown f-c Sand, some f-c Gravel, little Clayey Silt, tr.organics, tr.brick, tr.cinders, tr.slag (moist, FILL)	Sample #1 Recovery 3.3'
3		White to Gray f-c Sand, tr.gravel, tr.silt (moist, FILL) Becomes Brown	Sulfur odor noted on Sample #1
4		Gray to Brown Clayey Silt, ash-like laminations (moist, FILL, possible sludge) Gray to Brown Clayey SILT, occasional f-c Sand laminations (moist-wet, ML)	Sample #2 Recovery 2.5'
5		Brown to Red-Brown SILT, little Fine Sand (moist, ML)	
6			
7		Gray SILT, some Fine Sand (moist, ML)	Sample #3 Recovery 0.4'
8		Red-Brown SILTSTONE, occasional Silt seams	
9		Refusal at 8.4'	
10			
11			
12			
13			Collected samples at 1.8', 3.0', 6.0' and 8.0' for analytical testing.
14			
15			
16			

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

DATE:

STARTED

7/12/2013

FINISHED

7/12/2013

SHEET

1 OF 1

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

HOLE NO. B-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Lt. Gray f-c SAND, some f-c Gravel, tr.silt (moist, FILL) Black Silt, little f-c Sand, little Fine Gravel, little organics (moist, FILL) Becomes Gray Silt, occasional Fine Sand laminations (moist, FILL)	Sample #1 Recovery 3.3'
2			
3			
4		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 3.0'
5			
6			
7		Black SILT, little Fine Gravel, little Fine Sand (moist, ML, sulfur odor)	
8		Red-Brown SILT (moist, ML) Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 6.9' 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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/12/2013  
 FINISHED 7/12/2013  
 SHEET 1 OF 1

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



HOLE NO. B-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black f-c SAND, little Fine Gravel, tr.silt (moist, FILL, Possible Cinders)	
2		Dark Brown Clayey Silt, tr.cinders, tr.brick (moist, FILL)	
3		Red-Brown Fine Sand, little Clayey Silt, tr.gravel, tr.brick, occasional moist-wet seams (moist, FILL)	Sample #1 Recovery 3.0'
4		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
5			Sample #2 Recovery 2.2'
6		Becomes Gray Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
7		Red Brown-Gray Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

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

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



HOLE NO. B-3  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black f-c SAND, little Fine Gravel, tr.silt (moist, FILL)	
		Dark Brown Clayey Silt, little Fine Sand (moist-wet, FILL)	
		Light Brown f-m Sand, little Silt, tr.wood (moist, FILL)	Sample #1 Recovery 3.0'
2			
		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
3			
4			Sample #2 Recovery 2.1'
		Contains little f-c Gravel	
5			
6		Becomes Brown, Contains little Silt	
7		Red Brown-Gray Weathered 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. STEINER DRILL RIG TYPE: GEOPROBE 6620DT CLASSIFIED BY: GEOLOGIST  
METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

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

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



HOLE NO. B-4  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black SILT, little f-c Sand, tr.clay, tr.organics (roots, moist, topsoil)	
		Brown Clayey SILT, tr.sand (moist, ML, Possible FILL)	
2		Brown-Red Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #1 Recovery 3.1'
3			
4			Sample #2 Recovery 2.1'
5		Contains occasional moist-wet seams	
6			
7		Probe Complete at 5.8'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
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 SAMPLING

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

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



HOLE NO. B-5  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand (moist, topsoil)	
		Gray-Brown Silty Clay, little Fine Sand, tr.roots (moist, CL, possible FILL)	
2		Brown Clayey SILT, little f-c Sand, tr.roots (moist, ML)	Sample #1 Recovery 2.7'
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 3.0'
5			
6			
7		Becomes Gray, Contains little Fine Gravel	Black staining noted at 6.5'
8		Gray-Red Brown Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at
10			2', 4', 6.4' for
11			analytical testing.
12			
13			
14			
15			
16			

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

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

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



HOLE NO. B-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Brown Silty CLAY, little Fine Sand (moist, CL)	
		Tan Clayey SILT, tr.sand (moist, ML)	Sample #1 Recovery 3.2'
2		Red-Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet seams (moist, SM)	
3			
4			Sample #2 Recovery 1.0'
5			
6		Red-Brown SILT, little f-c Gravel, little Fine Sand (moist, ML)	
7		Refusal at 6.3'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
10			
11			
12			
13			
14			
15			
16			

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

DATE:

STARTED 7/10/2013

FINISHED 7/10/2013

SHEET 1 OF 1

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

HOLE NO. B-7

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (moist, topsoil)	
		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			Sample #2 Recovery 2.4'
		Becomes 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
8			2', 4', and 5.8' for
			analytical testing.
9			
10			
11			
12			
13			
14			
15			
16			

DRILLER: A. KOSKE

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING



**ROW C**

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. C(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, little f-c Gravel, tr silt (moist, FILL) Brown Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Red Brown Silty CLAY, tr sand (moist, FILL) Contains little f-c Gravel	Sample #1 Recovery 3.0'
3			Sulphur odor noted on Sample #1
4		Black to Red Brown f-c GRAVEL, little f-c Sand, tr silt (moist, FILL)	Sample #2 Recovery 2.7'
5		Brown f SAND, some Silt, tr gravel, occassional moist-wet laminations (moist, SM)	
6			
7			Sample #3 Recovery 0.2'
8		Red Brown SILT, little f Sand, tr gravel (moist, ML) Red Brown Weathered SILTSTONE	
9		Refusal at 8.4'	
10			Collected samples at 2', 4' and 6' for 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

DATE:  
 STARTED 8/6/2013  
 FINISHED 8/6/2013  
 SHEET 1 OF 1

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



HOLE NO. C(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c SAND, tr.gravel, tr.silt (moist, FILL) Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone) Red-Brown Silty Clay, tr.sand (moist, FILL)	Sample #1 Recovery 3.7'
2			
3			
4		Dark Gray Clayey Silt, little f-c Sand, tr.gravel, tr.ash-like laminations (moist, FILL, possible Sludge)	
5		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 3.1'
6		Becomes moist-wet	
7			
8		Black Staining noted at 7.3'	
9		Red-Brown Weathered SILTSTONE	Sample #3 Recovery 0.4'
10		Refusal at 8.7'	
11			Collected samples at 3', 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 OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

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

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



HOLE NO. C0  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
<u>1</u>		Red-Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
<u>2</u>		Red-Brown Silt, some f-c Gravel, occasional Fine Sand seams (moist, FILL)	Sample #1 Recovery 2.6'
<u>3</u>			
<u>4</u>		Dark Brown f-m Sand, little Clayey Silt, tr.organics/ roots (wet, FILL)	
<u>5</u>		Brown Silt, little f-c Sand (wet, FILL)	Sample #2 Recovery 1.7'
<u>6</u>		Black Silty Clay, little f-c Sand, tr.wood (wet, FILL)	
<u>7</u>		Concrete fragments (moist, FILL)	
<u>8</u>			
<u>9</u>			
<u>10</u>			
<u>11</u>			
<u>12</u>			
<u>13</u>			
<u>14</u>			
<u>15</u>			
<u>16</u>		Refusal at 5.7'	Collected sample at 4.4' for analytical testing.

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

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

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



HOLE NO. C0-5  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c SAND, tr.gravel, tr.silt (moist, FILL)	
2		Red-Brown Silt, tr.gravel, tr.sand, tr.brick (moist, FILL)	
3		Becomes Brown-Dark Brown, Contains tr.wood	Sample #1 Recovery 3.6'
4		Light Brown-Gray Fine SAND, little Silt, tr.gravel (moist, SM, Possible FILL)	
5		Brown Fine SAND, some Silt, tr.gravel, occasional f-m Gravel seams (moist, SM)	
6		Becomes Red Brown-Gray	
7		Red SILT, tr.gravel, tr.sand, occasional Silty Fine Sand seams (moist, ML)	Sample #3 Recovery 1.1'
8		Red Brown-Brown Clayey SILT, some Fine Sand (wet, ML)	
9		Red-Brown Weathered SILTSTONE	
10		Refusal at 9.6'	Collected samples at 2', 4', 6', 8', and 8.8' for 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

DATE:

STARTED

8/5/2013

FINISHED

8/5/2013

SHEET

1 OF 1

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

HOLE NO. C1

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	Adjacent to well location B6
		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	
5		Brown Fine SAND, some Silt (moist-wet, SM)	Sample #2 Recovery 2.4'
		Brown to Gray SILT, some Fine Sand (moist-wet, ML)	
6			
7			
		Black Staining noted at 7.4'	
8			
9		Red-Brown Highly Weathered SILTSTONE	Sample #3 Recovery 1.4'
10		Refusal at 9.4'	
11			Collected samples at 2', 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 OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:

STARTED

7/12/2013

FINISHED

7/12/2013

SHEET

1 OF 1

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

HOLE NO. C-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand (moist, topsoil)	
		Contains tr.gravel	
2		Dark Brown-Brown f-c Sand, little Fine Gravel, little Clayey Silt (moist-wet, FILL)	Sample #1 Recovery 2.6'
		-----	
3		Light Brown-Tan Fine SAND, some Silt, tr.gravel (moist, SM)	
4			Sample #2 Recovery 2.3'
5			
6		Becomes Brown, Contains "and" Silt (moist-wet)	
		-----	
6		Red-Brown SILT (moist, ML)	
		-----	
7		Weathered Red-Brown SILTSTONE	
		-----	
8		Refusal at 6.9'	Collected samples at
9			2', 4', and 6' 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

DATE:

STARTED

7/12/2013

FINISHED

7/12/2013

SHEET

1 OF 1

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

HOLE NO. C-3

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Black Clayey SILT, little f-c Sand, tr.gravel, tr.organics/ roots (moist, topsoil) Dark Brown-Brown Clayey Silt, little Fine Sand, little Fine Gravel (moist, ML)	Sample #1 Recovery 3.0'
2		Brown Fine SAND, some Silt, little Fine Gravel, tr.roots, occasional Silt laminations (moist, SM)	
3			
4			Sample #2 Recovery 1.9'
5		Becomes Red Brown-Brown	
6		Red-Brown Weathered SILTSTONE	Water present on top of Sample #2.
7		Refusal at 6.2'	Collected samples at 2', 4', and 6' for analytical testing.
8			
9			
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 SAMPLING



DATE: \_\_\_\_\_  
 STARTED 7/12/2013  
 FINISHED 7/12/2013  
 SHEET 1 OF 1

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



HOLE NO. C-4  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, little organics (moist, topsoil)	
2		Dark Brown Fine Sand, tr. clayey Silt, tr. cinders (moist, FILL)	
3		Dark Brown Clayey SILT, little Fine Gravel, little Fine Sand (moist-wet, ML, Possible FILL)	Sample #1 Recovery 3.4'
4		Tan-Brown Fine SAND, some Silt, tr. gravel (moist, SM)	
5			Sample #2 Recovery 2.7'
6		Gray Weathered DOLOSTONE	
7		Red-Brown SILT, tr. gravel, occasional Fine Sand seams (moist, ML)	Water present on top of Sample #2
8		Green-Gray Weathered SILTSTONE	
9		Refusal at 6.8'	Collected samples at 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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/12/2013  
 FINISHED 7/12/2013  
 SHEET 1 OF 1

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



HOLE NO. C-5  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.organics (moist, topsoil)	
2		Brown-Red Brown f-c Sand, little Clayey Silt, little Fine Gravel, tr.roots (moist-wet, FILL)	Sample #1 Recovery 3.2'
3		Brown-Red Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
4			Sample #2 Recovery 1.8'
5		Red-Brown SILT, occasional Fine Sand seams (moist, SM)	
6		Red-Brown Weathered SILTSTONE	Water present on top of Sample #2
7		Refusal at 6.1'	Collected samples at 2', 4', and 5.6' for analytical testing.
8			
9			
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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/12/2013  
 FINISHED 7/12/2013  
 SHEET 1 OF 1

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



HOLE NO. C-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil) Black-Dark Brown f-c Sand, little Clayey Silt, tr.organics (moist-wet, FILL)	Sample #1 Recovery 3.0'
2		Brown Fine SAND, some Silt, tr.gravel (moist, ML)	
3			
4			Sample #2 Recovery 1.8'
5		Contains occasional moist-wet seams	
6		Green Gray-Red Brown Weathered SILTSTONE	Water present on top of Sample #2
7		Refusal at 5.8'	Collected samples at 2', 4', and 5' for analytical testing.
8			
9			
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 SAMPLING

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

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



HOLE NO. C-7  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little organics, tr.sand (moist, topsoil)	
		Black f-c Sand, little Silt, tr.gravel, tr.roots (moist, FILL)	
		Dark Brown Silty CLAY, tr.roots (moist, CL, Possible FILL)	Sample #1 Recovery 2.5'
2		Brown-Tan Fine SAND, little Silt, tr.gravel (moist, SM)	
3			
4		Becomes Brown	Sample #2 Recovery 1.4'
5		Red Brown-Gray Weathered SILTSTONE	Water present on top of Sample #2
6		Refusal at 5.4'	Collected samples at 2', 4', and 5' for analytical testing.
7			
8			
9			
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 SAMPLING

**ROW D**

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. D(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		ORGANIC MATTER Gray Brown f-c SAND, some f-m Gravel, tr silt (moist, FILL)	
2		Gray Coarse GRAVEL (moist, FILL) Black f-c SAND, tr gravel, tr silt (moist, FILL, cinders)	Sample #1 Recovery 3.4'
3		Red Brown Silty CLAY, little f-c Gravel (moist, CL, possible reworked)	
4		Brown to Red Brown f SAND, some Silt, little f-c Gravel (moist-wet, SM)	Sample #2 Recovery 2.2'
5			
6			
7			Sample #3 Recovery 0.5'
8		Red Brown SILT, tr sand (moist, ML) Gray Weathered SILTSTONE	
9		Refusal at 8.55'	
10			Collected samples at 1.7', 4' and 6' for 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

DATE:

STARTED

8/6/2013

FINISHED

8/6/2013

SHEET

1 OF 1

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

HOLE NO. D(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown f-c SAND, tr.silt (moist, FILL) Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	Sample #1 Recovery 3.7'
2		Black to Brown f-c Sand, little f-c Gravel, little Silty Clay, tr.slag (moist, FILL, Cinders)	
3			
4		Dark Brown Clayey SILT, little f-c Sand, tr.slag (moist, reworked)	Sample #2 Recovery 3.3'
5		Red-Brown to Brown Fine SAND, some Silt (moist, SM)	
6			
7			Sample #3 Recovery 0.3'
8		Brown SILT, little Fine Sand (moist, ML) Red-Brown Weathered SILTSTONE	
9		Refusal at 8.45'	
10			Collected samples at 2', 4', 6' and 8' for analytical testing.
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-0  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c GRAVEL, some f-c Sand, tr.silt (moist, FILL)	
2		Dark Brown-Gray Silt, tr.sand, tr.cinders (moist, FILL)	Sample #1 Recovery 4.0'
3		Brown Silt, little Fine Sand, occasional White f-m Sand Laminations (moist, FILL)	
4		Brown-Red Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet seams (moist, SM)	Sample #2 Recovery 3.1'
5			
6		Brown-Red Brown SILT, little Fine Sand (moist, ML)	
7		Contains little f-c Gravel	
8		Gray Weathered SILTSTONE	
9		Probe Complete at 8.0'	Collected samples at 2', 4', 6', and 7.5' 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 SAMPLING



DATE:  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown-Gray f-c GRAVEL, some f-c Sand, tr.silt, tr.brick, occasional Silty Clay Laminations (moist, FILL) (wet)	Sample #1 Recovery 1.7'
2		Dark Brown Silty Clay, little Fine Sand, tr.organics (moist, CL, possible FILL)	
3		Red-Brown Fine Sand, little f-c Gravel, little Silt (moist, SP-SM, possible FILL)	
4			Sample #2 Recovery 3.2'
5		Red Brown-Brown Fine SAND and Silt, little f-c Gravel (moist, SM)	
6			
7			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 analytical testing.
10			
11			Water present on top of recovered sub for sample #2 and #3
12			
13			
14			
15			
16			

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

DATE:  
STARTED 7/15/2013  
FINISHED 7/15/2013  
SHEET 1 OF 1

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



HOLE NO. D-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little f-c Sand, tr.cinders, tr.organics/ roots (moist, FILL)	
		Red-Brown Fine SAND, little Clayey Silt, tr.organics/ roots (moist-wet, SM)	
2			Sample #1 Recovery 1.7'
		Red-Brown Fine SAND, little Fine Gravel, little Silt (moist, SP-SM)	
3		Contains some Silt	
4			Sample #2 Recovery 3.2'
5			
6			
7		Red Brown-Brown SILT, some Fine Sand, occasional moist-wet seams (moist, ML)	
		Red-Brown Weathered SILTSTONE	
8			
		Refusal at 7.6'	
9			Collected samples at 4', 6', and 7' 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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-3  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, tr.sand, tr.organics (moist, topsoil)	
2			Sample #1 Recovery 2.4'
3		Black f-c Sand, tr.gravel, tr.silt (moist, FILL/ Cinders)	
4		<u>Brown Silty Clay, little f-c Gravel, tr.sand (moist, FILL)</u> Brown Fine SAND, some Silt, tr.gravel, occasional f-c Sand seams (moist, SM, possible FILL)	Sample #2 Recovery 3.4'
5		Red-Brown Fine SAND and Silt, little Fine Gravel (moist, SM)	
6			
7		Red-Brown SILT, little Fine Sand (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 8.0'	Collected samples at 2', 4', 6', and 7.6' 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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-4  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.roots (moist, topsoil)	
2		Brown-Red Brown Silty CLAY, tr.gravel, tr.sand, occasional Sand Laminations (moist, CL)	Sample #1 Recovery 3.2'
3		Brown-Red Brown Clayey SILT, tr.sand (moist, ML)	
4		Red-Brown SILT, some Fine Sand, occasional Fine Sand partings (moist, ML)	
5		Contains little f-c Gravel, occasional f-m Sand seams	Sample #2 Recovery 3.0'
6			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.9'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE:  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-5  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	Sample #1 Recovery 2.9'
		Red Brown-Brown Fine SAND, little Clayey Silt, tr.gravel (moist-wet, SP-SM)	
2			
		Gray-Brown Silty CLAY, tr.roots (moist, CL)	Sample #2 Recovery 2.8'
3			
		Brown-Red Brown f-m SAND, little f-m Gravel, little Silt, occasional Clayey Silt seams (moist-wet, SP-SW)	
4		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
5			Collected samples at 2', 4', and 6' for analytical testing.
6			
		Red-Brown SILT, little Fine Sand (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
		Refusal at 6.8'	
8			
9			
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 SAMPLING

DATE:

STARTED

7/15/2013

FINISHED

7/15/2013

SHEET

1 OF 1

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

HOLE NO. D-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little f-c Sand, tr.gravel, tr.organics/ roots (moist, topsoil)	
2		Brown Clayey Silt, some f-c Gravel, little Fine Sand (moist, ML, possible FILL)	Sample #1 Recovery 3.3'
3		Brown SILT, little f-c Gravel, little Fine Sand (moist, ML)	
4			Sample #2 Recovery 2.4'
5		Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
6			
7		Red-Brown SILT, little Fine Sand (moist, ML)	
		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.7'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE:  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. D-7  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little f-c Sand, tr.organics/ roots (moist, topsoil) Brown Fine Sand, little Silt, tr.gravel (moist, FILL)	
2		Brown-White f-c SAND, tr.gravel (moist, FILL)	Sample #1 Recovery 3.2'
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel, occasional moist-wet partings (moist, SM)	
4			Sample #2 Recovery 2.2'
5			
6			Limestone fragments encountered at 6.0'
7		Red-Brown SILT, little f-c Gravel (moist, ML) Red-Brown Weathered SILTSTONE	
8		Refusal at 6.7'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

**ROW E**



DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. E(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr organics (moist, FILL, crusher run stone)	Sample #1 Recovery 3.2'
2		Black f-c SAND, little f-c Gravel, tr coal, tr slag, tr ash (moist, FILL, cinders)	
3		Brown Silty CLAY, tr iron staining (moist, CL)	
4			Sample #2 Recovery 2.0'
5		Brown f SAND, some Silt, little f-c Gravel (moist, SM)	
6			
7			Sample #3 Recovery 0.3'
8			
9		Gray Weathered SILTSTONE	
10		Refusal at 8.3'	Collected samples at 2', 4' and 6' for 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

DATE:

STARTED

8/6/2013

FINISHED

8/6/2013

SHEET

1 OF 1

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


HOLE NO. E(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt, tr.roots (moist, FILL)	Sample #1 Recovery 3.2'
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	
2		Black f-c Sand, little f-c Gravel, tr.silt, tr.coal, tr.slag (moist, FILL, Cinders)	
		Gray f-c Gravel (moist, FILL)	
3		Dark Gray Clayey SILT, tr.gravel (moist, ML)	Sample #2 Recovery 3.4'
4		Red-Brown Fine SAND and Silt (moist, SM)	
5		Contains little Fine Gravel (moist-wet)	
6			
7			Sample #3 Recovery 0.4'
8		Red-Brown SILT, tr.sand	
9		Gray Weathered SILTSTONE	
10		Refusal at 8.4'	
11			Collected samples at 2', 4', 6' and 8' for analytical testing.
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:  
STARTED 7/16/2013  
FINISHED 7/16/2013  
SHEET 1 OF 1

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



HOLE NO. E-0  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
2		Black f-c Sand, tr.gravel, tr.silt (moist, FILL, possible Slag)	Sample #1 Recovery 3.6'
3		Dark Brown SILT, tr.sand (moist, FILL) Becomes Brown, Contains tr.cinders	
4		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 2.9'
5			
6		Contains little f-c Gravel	
7			
8		Red-Brown SILT, little Fine Sand (moist, ML)	
9		Refusal at 8.2'	Collected samples at 1.5', 2', 4', 6', and 8' 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 SAMPLING

DATE:  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. E-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
		Red-Brown Clayey Silt, tr.sand (moist, FILL)	
		Dark Brown Fine Sand, tr.gravel, tr.silt (moist, FILL)	Sample #1 Recovery 3.2'
2		Concrete	
		(wet)	
3		~ Brown Clayey SILT, little Fine Sand (moist, ML, possible FILL) ~	
		Red Brown-Brown Fine SAND, little Silt (moist, SM)	
4			Sample #2 Recovery 3.3'
5		Contains some Silt, little f-c Gravel (FILL)	
6			
7			
		Red-Brown SILT, little f-c Gravel, little f-c Sand (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 8.3'	Collected samples at
10			4', 6', and 7.3' for
11			analytical testing.
12			
13			
14			
15			
16			

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

DATE:  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. E-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics (moist, topsoil)	
		Dark Brown f-c Sand, tr.gravel, tr.silt (moist, FILL)	
2		Brown Clayey SILT, tr.gravel, tr.sand (moist, ML)	Sample #1 Recovery 2.7'
		Red Brown-Brown Fine SAND and Silt (moist, SM)	
3			
4			Sample #2 Recovery 2.4'
5		Contains little f-c Gravel	
6			
7		Red Brown-Gray Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 5.6' for analytical testing.
9			
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 SAMPLING

DATE:

STARTED

7/16/2013

FINISHED

7/16/2013

SHEET

1 OF 1

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

HOLE NO. E-3

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
2		Brown-Red Brown Fine Sand, some Silt, little Fine Gravel, occasional f-c Sand Laminations (moist, SM)	Sample #1 Recovery 2.4'
3			
4			Sample #2 Recovery 2.8'
5			
6		Brown-Red Brown SILT, little Fine Sand, tr.gravel (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.2'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE:

STARTED

7/15/2013

FINISHED

7/15/2013

SHEET

1 OF 1

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


HOLE NO. E-4

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
2		Red Brown-Brown Fine Sand, little Clayey Silt, tr.gravel (moist-wet, SM)	Sample #1 Recovery 3.6'
3		Red Brown-Brown Fine SAND, some Silt, tr.gravel (moist-wet, SM)	
4			Sample #2 Recovery 2.0'
5			
6		Red-Brown SILT, some Fine Sand (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.4'	Collected samples at 2', 4', and 5.8' for analytical testing.
9			
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 SAMPLING

DATE:  
STARTED 7/15/2013  
FINISHED 7/15/2013  
SHEET 1 OF 1

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



HOLE NO. E-5  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics (moist, topsoil)	
2		Brown Fine SAND, little Clayey Silt (SM)	Sample #1 Recovery 3.3'
3		Red Brown-Brown Fine SAND, some Silt, occasional moist-wet partings (moist, SM)	
4		Contains "and" Silt	Sample #2 Recovery 2.0'
5		Brown-Red Brown SILT, some Fine Sand, tr.gravel (moist, ML)	
6			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING



DATE:

STARTED

7/15/2013

FINISHED

7/15/2013

SHEET

1 OF 1

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

HOLE NO. E-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.roots/ organics (moist, topsoil)	
2		Brown Fine Sand, some Silt, tr.gravel (moist-wet, SM) (moist)	Sample #1 Recovery 1.7'
3			
4			Sample #2 Recovery 2.8'
5		Contains little f-c Gravel	
6		Red-Brown SILT, little f-c Sand, tr.gravel (moist, ML, possible Highly Weathered Bedrock)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/15/2013  
 FINISHED 7/15/2013  
 SHEET 1 OF 1

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



HOLE NO. E-7  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil)	
2		Brown Fine Sand and Silt, tr.gravel, occasional moist-wet partings (moist, SM)	Sample #1 Recovery 3.5'
3			
4			Sample #2 Recovery 2.6'
5		Contains tr.gravel	
6			
7		Red-Brown SILT, little f-c Sand, (moist, ML, probable Highly Weathered Bedrock) Red-Brown Weathered SILTSTONE	
8		Refusal at 7.0'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

**ROW F**

DATE:

STARTED

8/6/2013

FINISHED

8/6/2013

SHEET

1 OF 1

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


HOLE NO. F(-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt (moist, FILL)	Sample #1 Recovery 3.1'
		Gray f-c Gravel, tr.sand (moist, FILL, crushed run Stone)	
		Black f-c Sand, little f-m Gravel, tr.silt (moist, FILL, Cinders)	
2		Gray Coarse Gravel (moist, FILL)	Sample #2 Recovery 2.6'
3		Dark Brown Clayey SILT, tr.sand (moist, ML)	
4		Red-Brown to Brown Fine SAND and Silt (moist, SM)	
5			Sample #3 Recovery 0.1'
6			
7			
8		Red-Brown Clayey SILT (moist, ML)	Collected samples at 4', 6' and 8' for analytical testing.
9		Red-Brown Weathered SILTSTONE	
10		Refusal at 8.1'	
11			
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: S. BOCHENEK

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. F-0  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
2			Sample #1 Recovery 3.4'
3		Black f-c Sand, some f-c Gravel, tr.silt (moist, FILL, possible Slag)	
4		Dark Brown Clayey SILT, tr.sand, tr.roots (moist, ML)	
5		Brown SILT, little Fine Sand (moist, ML)	
6			Sample #2 Recovery 3.0'
7		Grades to Red-Brown	
8		Red Brown-Brown Fine SAND and Silt, occasional moist-wet partings (moist, SM)	
9			Sample #3 Recovery 0.2'
10		Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
11		Red Brown-Gray Weathered SILTSTONE	
12			
13			
14			
15			
16		Refusal at 8.4'	Collected samples at 2', 4', 6', and 8' for analytical testing.

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

DATE:  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. F-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		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)	Sample #1 Recovery 3.0'
2		Black f-c Sand, little Fine Gravel, tr.silt (moist, FILL, possible Slag)	
3		Dark Brown Clayey Silt, tr.sand (moist, ML)	
4		Red Brown-Brown SILT, little Fine Sand (moist, ML)	Sample #2 Recovery 1.6'
5		Brown Fine SAND, some Silt (moist, SM)	
6		Red-Brown SILT, little Fine Sand (moist, ML)	
7		Contains occasional f-c Gravel seams	Sample #3 Recovery 0.4'
8		Red Brown-Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
9		Red-Brown SILT, little f-c Sand, little f-c Gravel (moist, SM, possible Highly Weathered Rock)	
10		Red-Brown Weathered SILTSTONE	Collected samples at 2', 4', 6', and 8' for analytical testing.
11		Refusal at 8.9'	
12			
13			
14			
15			
16			

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

DATE:  
STARTED 7/16/2013  
FINISHED 7/16/2013  
SHEET 1 OF 1

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



HOLE NO. F-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics/ roots (moist, topsoil) Brown Clayey Silt, tr.gravel, tr.cinders (moist, FILL)	
2		Brown Silty CLAY, little Fine Sand, tr.gravel (moist, CL)	Sample #1 Recovery 3.0'
3		Red-Brown SILT, tr.sand (moist, ML)	
4			Sample #2 Recovery 1.6'
5		Red-Brown Weathered SILTSTONE, occasional Silty Sand and Gravel seams	
6			
7		Refusal at 5.8'	Collected samples at 2' and 4' for analytical testing.
8			
9			
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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. F-3  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, little Fine Sand, tr.organics/ roots (moist, topsoil)	
2		Brown Clayey Silt, some f-c Sand (moist, FILL)	Sample #1 Recovery 2.8'
3			
4		No. 1 Crushed Stone (wet, FILL) Brown SILT, little Fine Sand (moist, ML) Contains little Fine Gravel	Sample #2 Recovery 2.0'
5			
6		Red-Brown Highly Weathered SILTSTONE	
7			
8		Refusal at 7.5'	Collected samples at 2' and 4' for analytical testing.
9			
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 SAMPLING



DATE:  
STARTED 7/16/2013  
FINISHED 7/16/2013  
SHEET 1 OF 1

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



HOLE NO. F-4  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
		Becomes Brown	
		Brown Fine Sand, some Silt (moist, SM)	Sample #1 Recovery 3.5'
2		Gray-Brown Clayey SILT, some Fine Sand (moist, ML)	
3		Brown SILT, some Fine Sand, occasional Clayey Silt seams (moist, ML)	
4			Sample #2 Recovery 1.7'
		Contains Little f-c Sand	
5			
6		Red-Brown Clayey SILT, little Fine Sand (moist, ML)	
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.1'	Collected samples at
			2', 4', and 5.7' for
9			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 SAMPLING

DATE:  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. F-5  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics, tr.coal (moist, topsoil) Becomes Brown, Contains little Fine Sand	Sample #1 Recovery 2.6'
2		Brown Clayey SILT, little f-c Sand, tr.gravel (moist, ML, probable reworked)	
3		Red Brown-Brown SILT, some Fine Sand (moist, ML)	Wet seam at 3.0'
4		Red Brown-Brown Fine SAND, some Silt, little f-c Gravel (moist, SM)	
5		Red-Brown Weathered SILTSTONE	Sample #2 Recovery 2.0'
6			
7			Collected samples at 2' and 4' for analytical testing.
8		Refusal at 6.8'	
9			
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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/16/2013  
 FINISHED 7/16/2013  
 SHEET 1 OF 1

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



HOLE NO. F-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Red Brown-Dark Brown Clayey SILT, tr.sand (moist, FILL)	
2		Brown Fine SAND, some Silt (moist, SM)	
3		Brown SILT, some Fine Sand (moist, ML)	
4			
5		Brown Fine SAND, some Silt, little Fine Gravel (moist, SM)	
6		(moist-wet)	Black staining noted at 5.3'
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 7.4'	Collected samples at 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE:  
STARTED 7/17/2013  
FINISHED 7/17/2013  
SHEET 1 OF 1

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



HOLE NO. F-7  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil)	
2		Brown-Red Brown Fine Sand and Silt (moist, SM) Contains little f-c Gravel	Sample #1 Recovery 3.4'
3		Contains occasional moist-wet seams	
4		Becomes Brown, Contains some Silt	Sample #2 Recovery 2.2'
5		Contains some f-c Gravel	
6		Red-Brown SILT, little Fine Sand (moist, ML)	
		Gray-Red Brown Weathered SILTSTONE	
7		Refusal at 6.2'	Collected samples at 2', 4', and 5' for analytical testing.
8			
9			
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 SAMPLING

**ROW G**

DATE:  
 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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c SAND, little Fine Gravel, tr.silt, tr.roots (moist, FILL)	Sample #1 Recovery 3.0'
2		Gray f-c Gravel, tr.sand (moist, FILL, crushed Stone)	
3		Black f-c Sand, little f-c Gravel, tr.silt, tr.slag (moist, FILL, Cinders)	
4		Brown f-c Gravel, little f-c Sand (moist, FILL) Brown Clayey SILT, little Fine Gravel (moist, ML, reworked)	
5		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 0.4' Cobble blocked sampling shoe
6			
7			
8			
9		Red-Brown Weathered SILTSTONE, occasional Silty Clay seams	Sample #3 Recovery 0.6'
10		Refusal at 8.9'	Collected samples at 2.2', and 4' for analytical testing
11			
12			
13			
14			
15			
16			

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

DATE:  
STARTED 8/6/2013  
FINISHED 8/6/2013  
SHEET 1 OF 1

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



HOLE NO. G0  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.0'
2			
3		Black to Red-Brown Silty CLAY, some f-c Sand, little Fine Gravel, tr.cinders, tr.coal, tr.ash (moist, CL, reworked)	
4		Brown Clayey SILT, tr.sand (moist, ML)	
5		Brown Silty SAND, tr.gravel (moist, SM)	Sample #2 Recovery 2.9'
6			
7		Red-Brown Clayey SILT, tr.gravel (moist, ML)	
8		Red-Brown Weathered SILTSTONE	
9		Refusal at 7.5'	
10			
11			
12			
13			
14			
15			
16			

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

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	Sample #1 Recovery 3.1'
2		Black to Brown f-c SAND, little f-c Gravel, tr silt, tr coal (moist, Fill, cinders) Dark Brown Clayey SILT, tr ash (moist, FILL)	
3		Gray Coarse GRAVEL (moist, FILL)	Sample #2 Recovery 2.7'
4		Dark Brown Clayey SILT, tr sand (moist, ML)	
5		Red Brown f SAND, some Silt, occassional silt seams (moist, SM)	
6			
7		Red Brown Highly Weathered SILTSTONE	Collected samples at 1.6', 4' and 6' for analytical testing
8		Brown f SAND, little Silt (moist, SM)	
9		Red Brown Silty CLAY, tr sand (moist, CL)	
10		Red Brown Weathered SILTSTONE	
11		Refusal at 7.4'	
12			
13			
14			
15			
16			

DRILLER: R. STEINER

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING



DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. G-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr organics (moist, topsoil) Red Brown SILT, tr sand (moist, ML, possible reworked)	
2		Dark Brown Clayey SILT, tr gravel (moist, ML) Red Brown SILT, little f Gravel, occassional f sand seams (moist, ML)	Sample #1 Recovery 3.3'
3			
4			Sample #2 Recovery 1.5'
5		Red Brown f SAND, some Silt, little f-c Gravel (moist, SM)	
6			
7		Refusal at 5.9'	
8			Collected samples at 2', 4' and 5.8' for analytical testing
9			
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 SAMPLING

## **MISCELLANEOUS LOCATIONS**

DATE:  
STARTED 7/16/2013  
FINISHED 7/16/2013  
SHEET 1 OF 1

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



HOLE NO. SB-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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray f-c GRAVEL, little f-c Sand, tr.silt (moist, FILL)	
2		Black-Gray f-c Sand, little Silt, tr.gravel, tr.brick, tr.ash (moist, FILL)	Sample #1 Recovery 3.6'
		Gray-Dark Brown Silt, tr.coal (moist, FILL)	
3		Dark Brown SILT and Fine Sand (mosit, ML)	
4		Becomes Brown, occasional moist-wet partings	Sample #2 Recovery 2.9'
5			
6			
7			Sample #3 Recovery 0.3'
8		Contains little f-c Gravel	7.2' - 8.4' possible weathered rock
		Gray Weathered SILTSTONE	
9			
10		Refusal at 8.5'	Collected samples at 1.8', 4', 6', and 8' for 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

DATE:  
 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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.gravel, tr.sand, tr.organics (moist, topsoil) Brown Clayey Silt, some Fine Sand (moist, reworked) <u>Brown f-c Gravel, tr.sand (wet)</u> -----	Sample #1 Recovery 1.9'
2		Red-Brown SILT, little Fine Sand (moist, ML, probable reworked)	
3			
4			Sample #2 Recovery 1.3'
5		Red-Brown SILT, little Fine Sand (moist, ML) Contains some f-c Gravel, some f-c Sand ----- Red-Brown Weathered SILTSTONE	
6			Collected samples at 0', 1.9', and 4' for analytical testing.
7		Refusal at 5.6'	
8		#2 Sample - Approximately 0.5' of No. 1 Crush Stone on top of Red-Brown Silt, probable fell in from above	
9			
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 SAMPLING

DATE:  
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

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		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			
7		Red-Brown Weathered SILTSTONE	
8		Refusal at 6.9'	Collected samples at 0', 2', 4', and 6' for analytical testing.
9			
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 SAMPLING

DATE: \_\_\_\_\_  
 STARTED 7/17/2013  
 FINISHED 7/17/2013  
 SHEET 1 OF 1

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



HOLE NO. SB-4  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown Clayey SILT, tr.sand, tr.organics (moist, topsoil) Red-Brown Clayey Silt, little Fine Sand (moist, ML)	
2		Red Brown-Brown SILT, some Fine Sand, occasional moist-wet seams (moist, ML)	Sample #1 Recovery 3.5'
3			
4		Contains little f-c Gravel	Sample #2 Recovery 2.1'
5		Brown Fine SAND, some Silt, tr.gravel (moist, SM)	
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 6.2'	Collected samples at 0', 2', 4', and 5.5' for analytical testing.
8			
9			
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 SAMPLING

DATE:  
STARTED 7/17/2013  
FINISHED 7/17/2013  
SHEET 1 OF 1

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



HOLE NO. SB-5  
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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown SILT, tr.sand, tr.organics (moist, topsoil) Light Brown SILT, little Fine Sand (moist, ML)	Sample #1 Recovery 3.1'
2		Red Brown-Brown SILT, some Fine Sand, occasional Clayey Silt seams (moist, ML)	
3		Contains little f-c Gravel	
4		Brown Fine SAND, some Silt (moist, SM)	Sample #2 Recovery 1.6'
5		Becomes Red-Brown, occasional moist-wet seams	
6		Contains little f-c Gravel	
7		Red-Brown SILT, little Fine Sand (moist, ML) Red-Brown Weathered SILTSTONE	Collected samples at 0, 2', 4', and 6' for analytical testing.
8		Refusal at 7.1'	
9			
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 SAMPLING

DATE:  
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

DEPTH FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Dark Brown SILT, little Fine Sand, tr.gravel, tr.organics (moist, topsoil)	
2		Red Brown-Brown Fine Sand, some f-c Gravel, tr.silt (moist, reworked)	Sample #1 Recovery 3.0'
3		No. 1 Crush STONE, tr.sand (wet, FILL)	
4		Brown Fine SAND, some Silt, tr.gravel, tr.organics, occasional f-c Sand laminations (moist, SM, possible reworked)	Sample #2 Recovery 1.1'
5		Red-Brown SILT, tr.gravel, tr.sand (moist, ML)	
6		Red-Brown Weathered SILTSTONE	
7		Refusal at 5.5'	Collected samples at 0', 3.1', and 4' for analytical testing.
8			
9			
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 SAMPLING



DATE:  
 STARTED 7/17/2013  
 FINISHED 7/17/2013  
 SHEET 1 OF 1

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



HOLE NO. SB-7  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		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)	
3		Gray-Brown SILT, tr.sand (moist, ML)	
4		Contains some Fine Sand, tr.gravel (moist-wet) Becomes Brown	Sample #2 Recovery 3.0'
5			
6			
7			Sample #3 Recovery 0.4'
8		Refusal at 8.8'	Collected samples at 2', 4', 6', and 8' for analytical testing.
9			
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 SAMPLING

DATE:

STARTED

8/6/2013

FINISHED

8/6/2013

SHEET

1 OF 1

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

HOLE NO. B-5R

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown Gray f-c SAND, little f Gravel, tr silt, tr organics (moist, FILL)	
		Brown to Gray f-c GRAVEL, little f-c Sand, tr silt (moist, FILL, crusher run stone)	
2		Red Brown Silty CLAY, tr gravel (moist, FILL)	Sample #1 Recovery 2.6'
		Gray f-c gravel size ROCK FRAGMENTS (moist, FILL)	Sulphur odor noted on
3		Dark Gray Clayey SILT, occasional f gravel size Coal seams (moist, FILL, coal seams are wet)	Sample #1
4			Sample #2 Recovery 3.1'
5		Gray f-c SAND, little Silty Clay, tr gravel (moist, SW, possible fill)	
		Light Gray to Gray Clayey SILT, tr gravel (moist, ML)	
6		Brown to Red Brown SILT and f SAND (moist, ML)	
7		Red Brown Clayey SILT, tr gravel, tr sand (moist, ML)	
8			
9		Red Brown Weathered SILTSTONE	
10			Sample # 3 Recovery 2.0'
11		Refusal at 10.0'	Collected samples at 2.5'
12			6' and 8' for analytical testing
13			
14			
15			
16			

DRILLER: R. Steiner

DRILL RIG TYPE: GEOPROBE 6620DT

CLASSIFIED BY: GEOLOGIST

METHOD OF INVESTIGATION: ASTM 6282 - DIRECT PUSH SAMPLING

DATE:  
 STARTED 8/5/2013  
 FINISHED 8/5/2013  
 SHEET 1 OF 1

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



HOLE NO. B7  
 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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Gray-Brown f-m GRAVEL, some f-c Sand, tr.silt (moist, FILL)	Sample #1 Recovery 3.4'
2		Brown to Black f-c Sand, tr.silt, tr.coal (moist, FILL, cinders)	
3		Dark Brown SILT, tr.gravel, tr.sand (moist, ML, possible reworked)	
4		Brown Clayey SILT, little Fine Sand (moist, ML)	
5		Red-Brown Fine SAND, some Silt, tr.gravel (moist, SM)	Sample #2 Recovery 2.6'
6		Contains and Silt (moist-wet)	
7		Becomes Brown to Red-Brown	
8		Red-Brown SILT, little Fine Sand (moist, ML)	
9		Gray Weathered SILTSTONE	Sample #3 Recovery 0.2'  Collected samples at 1.6', 2', 4', 6' and 8' for analytical testing.
10		Refusal at 8.2'	
11			
12			
13			
14			
15			
16			

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

DATE:

STARTED

8/7/2013

FINISHED

8/7/2013

SHEET

1 OF 1

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

HOLE NO. B-8R

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 FT.	PID READING	SOIL OR ROCK CLASSIFICATION	NOTES
1		Brown SILT, little f-c Sand, tr gravel, tr organics (moist, topsoil) Brown f-c GRAVEL, little f-c Sand, tr silt (moist, FILL) Red Brown f SAND and f-c Gravel (moist, FILL)	Sample #1 Recovery 2.6'
2			
3		Black f-m GRAVEL, some f-c Sand, tr ash (moist, FILL, cinders)	
4		Dark Brown Clayey SILT (moist, ML, possible reworked)	Sample #2 Recovery 1.8'
5		Red Brown SILT, little f Gravel, little f Sand (moist, ML)	
6		Contains tr gravel	
7		Red Brown Weathered SILTSTONE	Collected samples at 2.6', 4' and 6' for analytical testing
8		Refusal at 7.2'	
9			
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 SAMPLING

## **APPENDIX B**

### **ANALYTICAL DATA: SURFACE SOIL**

**ROW A**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: A2**

**Date Collected: 05/07/13 09:40**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-1**

**Matrix: Solid**

**Percent Solids: 87.1**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: A4**

**Date Collected: 05/07/13 09:50**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-2**

**Matrix: Solid**

**Percent Solids: 49.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20.5		4.4	0.89	mg/Kg	☆	05/08/13 11:30	05/09/13 14:09	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: A5**

**Date Collected: 05/07/13 09:55**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-3**

**Matrix: Solid**

**Percent Solids: 72.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.8		2.6	0.53	mg/Kg	☆	05/08/13 11:30	05/09/13 14:11	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: A6**

**Date Collected: 05/07/13 10:00**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-4**

**Matrix: Solid**

**Percent Solids: 80.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	38.3		2.5	0.50	mg/Kg	☆	05/08/13 11:30	05/09/13 14:13	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: A7**

**Date Collected: 05/07/13 10:05**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-5**

**Matrix: Solid**

**Percent Solids: 69.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	14.8		2.8	0.56	mg/Kg	☆	05/08/13 11:30	05/09/13 14:16	1

1

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TestAmerica Buffalo

**ROW B**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: B4**

**Date Collected: 05/07/13 10:50**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-6**

**Matrix: Solid**

**Percent Solids: 60.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	22.0		3.4	0.68	mg/Kg	☆	05/08/13 11:30	05/09/13 14:18	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: B5**

**Date Collected: 05/07/13 10:45**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-7**

**Matrix: Solid**

**Percent Solids: 73.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		2.9	0.59	mg/Kg	☆	05/08/13 11:30	05/09/13 14:20	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: B6**

**Date Collected: 05/07/13 10:40**

**Date Received: 05/07/13 14:55**

**Lab Sample ID: 480-37785-8**

**Matrix: Solid**

**Percent Solids: 67.1**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: B7**

**Lab Sample ID: 480-37785-9**

**Date Collected: 05/07/13 10:35**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 65.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.2		3.1	0.62	mg/Kg	☆	05/08/13 11:30	05/09/13 14:41	1

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TestAmerica Buffalo



**ROW C**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: C2**

**Lab Sample ID: 480-37785-10**

**Date Collected: 05/07/13 11:35**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 67.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	192		3.0	0.59	mg/Kg	☆	05/08/13 11:30	05/09/13 14:43	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3870		5.5	1.1	mg/Kg	☆	05/08/13 11:30	05/09/13 14:45	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: C4**

**Lab Sample ID: 480-37785-12**

**Date Collected: 05/07/13 11:20**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 40.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: C5**

**Lab Sample ID: 480-37785-13**

**Date Collected: 05/07/13 11:15**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 48.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	808		4.3	0.85	mg/Kg	☆	05/08/13 11:30	05/09/13 14:50	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: C6**

**Lab Sample ID: 480-37785-14**

**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

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TestAmerica Buffalo

**ROW D**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: D2**

**Lab Sample ID: 480-37785-16**

**Date Collected: 05/07/13 13:40**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 54.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	126		3.3	0.67	mg/Kg	☆	05/08/13 11:30	05/09/13 15:04	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: D3**

**Lab Sample ID: 480-37785-17**

**Date Collected: 05/07/13 13:30**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: D4**

**Lab Sample ID: 480-37785-18**

**Date Collected: 05/07/13 13:25**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 71.0**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: D5**

**Lab Sample ID: 480-37785-19**

**Date Collected: 05/07/13 13:20**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 67.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		2.8	0.56	mg/Kg	☆	05/08/13 11:30	05/08/13 22:26	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-37785-1

**Client Sample ID: D7**

**Lab Sample ID: 480-37785-15**

**Date Collected: 05/07/13 12:00**

**Matrix: Solid**

**Date Received: 05/07/13 14:55**

**Percent Solids: 75.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	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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TestAmerica Buffalo

**ROW E**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E2**

**Date Collected: 05/14/13 10:40**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-1**

**Matrix: Solid**

**Percent Solids: 87.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	73.6		2.5	0.50	mg/Kg	☆	05/15/13 16:00	05/17/13 21:14	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E3**

**Date Collected: 05/14/13 10:35**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-2**

**Matrix: Solid**

**Percent Solids: 77.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.5		2.5	0.50	mg/Kg	☆	05/15/13 16:00	05/17/13 21:16	1

1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E4**

**Date Collected: 05/14/13 10:30**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-3**

**Matrix: Solid**

**Percent Solids: 84.7**

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

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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E5**

**Date Collected: 05/14/13 10:25**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-4**

**Matrix: Solid**

**Percent Solids: 87.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E6**

**Date Collected: 05/14/13 10:20**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-5**

**Matrix: Solid**

**Percent Solids: 88.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.2	0.43	mg/Kg	☆	05/15/13 16:00	05/17/13 21:28	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: E7**

**Date Collected: 05/14/13 10:15**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-6**

**Matrix: Solid**

**Percent Solids: 87.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		2.1	0.43	mg/Kg	☆	05/15/13 16:00	05/17/13 21:30	1

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TestAmerica Buffalo

**ROW F**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: F2**

**Date Collected: 05/14/13 11:18**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-7**

**Matrix: Solid**

**Percent Solids: 86.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.0		2.3	0.46	mg/Kg	☆	05/15/13 16:00	05/17/13 21:32	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: F3**

**Date Collected: 05/14/13 11:12**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-8**

**Matrix: Solid**

**Percent Solids: 89.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.4	0.47	mg/Kg	☆	05/15/13 16:00	05/17/13 21:35	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: F4**

**Date Collected: 05/14/13 11:07**

**Date Received: 05/14/13 14:35**

**Lab Sample ID: 480-38257-9**

**Matrix: Solid**

**Percent Solids: 87.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		2.4	0.47	mg/Kg	☆	05/15/13 16:00	05/17/13 21:37	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: F5**

**Lab Sample ID: 480-38257-10**

**Date Collected: 05/14/13 11:03**

**Matrix: Solid**

**Date Received: 05/14/13 14:35**

**Percent Solids: 86.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.6		2.3	0.47	mg/Kg	☆	05/15/13 16:00	05/17/13 21:39	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-38257-1

**Client Sample ID: F6**

**Lab Sample ID: 480-38257-11**

**Date Collected: 05/14/13 11:00**

**Matrix: Solid**

**Date Received: 05/14/13 14:35**

**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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TestAmerica Buffalo

## **MISCELLANEOUS LOCATIONS**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: SS2**

**Lab Sample ID: 480-41968-38**

**Date Collected: 07/12/13 09:15**

**Matrix: Solid**

**Date Received: 07/15/13 14:10**

**Percent Solids: 80.0**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB2 (0)**

**Date Collected: 07/17/13 10:33**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-54**

**Matrix: Solid**

**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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB3 (0)**

**Lab Sample ID: 480-42138-50**

**Date Collected: 07/17/13 09:32**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 76.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		2.6	0.51	mg/Kg	☆	07/18/13 10:05	07/25/13 03:42	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB4 (0)**

**Date Collected: 07/17/13 09:00**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-46**

**Matrix: Solid**

**Percent Solids: 83.9**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB5 (0)**

**Lab Sample ID: 480-42138-42**

**Date Collected: 07/17/13 08:42**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 81.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.8	0.56	mg/Kg	☆	07/18/13 10:05	07/25/13 04:05	1

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TestAmerica Buffalo

## **APPENDIX C**

### **ANALYTICAL DATA: SUBSURFACE SOIL**

**ROW A**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: A(-2) 2ft**

**Date Collected: 08/07/13 08:50**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-1**

**Matrix: Solid**

**Percent Solids: 85.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		2.3	0.46	mg/Kg	☆	08/09/13 14:50	08/12/13 12:14	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**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 (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		2.7	0.55	mg/Kg	☼	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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: A(-2) 6ft**

**Date Collected: 08/07/13 08:50**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-3**

**Matrix: Solid**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: A(-2) 8ft**

**Date Collected: 08/07/13 08:50**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-4**

**Matrix: Solid**

**Percent Solids: 89.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		2.3	0.47	mg/Kg	☆	08/09/13 14:50	08/12/13 12:23	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A(-1)2.8FT**

**Lab Sample ID: 480-43265-26**

**Date Collected: 08/05/13 16:00**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 94.3**

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

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

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TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A(-1)4FT**

**Lab Sample ID: 480-43265-27**

**Date Collected: 08/05/13 16:00**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**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	B	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	B	21.8	1.0	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Manganese	8.4	B	0.22	0.035	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Nickel	ND		5.4	0.25	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Potassium	929		32.7	21.8	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Selenium	ND		4.4	0.44	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Silver	ND		0.54	0.22	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Sodium	80.2	J	152	14.2	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Thallium	ND		6.5	0.33	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Vanadium	2.3		0.54	0.12	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1
Zinc	2.3	B	2.2	0.17	mg/Kg	✱	08/07/13 15:20	08/09/13 02:20	1

## Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0095	J	0.019	0.0077	mg/Kg	✱	08/07/13 11:09	08/07/13 15:16	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A(-1)6FT**

**Lab Sample ID: 480-43265-28**

**Date Collected: 08/05/13 16:00**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 94.0**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		1.9	0.38	mg/Kg	☆	08/07/13 15:20	08/09/13 02:25	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A0(2.3FT)**

**Lab Sample ID: 480-43265-22**

**Date Collected: 08/05/13 15:00**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 96.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		1.9	0.38	mg/Kg	☆	08/07/13 15:20	08/09/13 01:50	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A0(4FT)**

**Date Collected: 08/05/13 15:00**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-23**

**Matrix: Solid**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A0(6FT)**

**Date Collected: 08/05/13 15:00**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-24**

**Matrix: Solid**

**Percent Solids: 97.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A0(8FT)**

**Date Collected: 08/05/13 15:00**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-25**

**Matrix: Solid**

**Percent Solids: 95.9**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A1(4FT)**

**Date Collected: 08/05/13 09:53**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-2**

**Matrix: Solid**

**Percent Solids: 95.9**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A1 (8')**

**Date Collected: 07/10/13 10:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-2**

**Matrix: Solid**

**Percent Solids: 88.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.4		2.2	0.45	mg/Kg	☆	07/15/13 14:00	07/16/13 20:40	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A1 (10')**

**Date Collected: 07/10/13 10:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-3**

**Matrix: Solid**

**Percent Solids: 92.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A2(1,2FT)**

**Lab Sample ID: 480-43265-3**

**Date Collected: 08/05/13 10:25**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 95.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.5		2.3	0.46	mg/Kg	☆	08/07/13 15:20	08/08/13 15:38	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A2 (4')**

**Date Collected: 07/10/13 11:07**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-4**

**Matrix: Solid**

**Percent Solids: 88.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.4	0.48	mg/Kg	☆	07/15/13 14:00	07/16/13 20:50	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A2 (6')**

**Date Collected: 07/10/13 11:07**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-5**

**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	☆	07/15/13 14:00	07/16/13 20:52	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A2 (8')**

**Date Collected: 07/10/13 11:07**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-6**

**Matrix: Solid**

**Percent Solids: 89.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.2		2.1	0.42	mg/Kg	☆	07/15/13 14:00	07/16/13 20:55	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A3(2FT)**

**Date Collected: 08/05/13 10:52**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-4**

**Matrix: Solid**

**Percent Solids: 96.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.1	0.41	mg/Kg	☆	08/07/13 15:20	08/08/13 15:41	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A3 (4')**

**Date Collected: 07/10/13 11:40**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-7**

**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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: A3(4FT)**

**Date Collected: 08/05/13 10:52**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-5**

**Matrix: Solid**

**Percent Solids: 96.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.0	0.40	mg/Kg	☆	08/07/13 15:20	08/08/13 15:44	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A3 (8')**

**Date Collected: 07/10/13 11:40**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-8**

**Matrix: Solid**

**Percent Solids: 89.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		2.1	0.43	mg/Kg	☆	07/15/13 14:00	07/16/13 21:00	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A3 (8.3')**

**Date Collected: 07/10/13 11:40**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-9**

**Matrix: Solid**

**Percent Solids: 92.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.4	0.48	mg/Kg	☆	07/15/13 14:00	07/16/13 21:03	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A4 (2')**

**Date Collected: 07/10/13 12:07**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-10**

**Matrix: Solid**

**Percent Solids: 87.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.4	0.49	mg/Kg	☆	07/15/13 14:00	07/16/13 21:05	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A4 (4')**

**Date Collected: 07/10/13 12:07**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-11**

**Matrix: Solid**

**Percent Solids: 90.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3	0.45	mg/Kg	☆	07/15/13 14:00	07/16/13 21:08	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A4 (5.6')**

**Lab Sample ID: 480-41851-12**

**Date Collected: 07/10/13 12:07**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 89.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.3	0.46	mg/Kg	☆	07/15/13 14:00	07/16/13 21:10	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A5 (2')**

**Lab Sample ID: 480-41851-13**

**Date Collected: 07/10/13 13:20**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 81.2**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A5 (4')**

**Date Collected: 07/10/13 13:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-14**

**Matrix: Solid**

**Percent Solids: 89.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19.3		2.2	0.44	mg/Kg	☆	07/15/13 14:00	07/18/13 10:31	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A5 (6')**

**Date Collected: 07/10/13 13:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-15**

**Matrix: Solid**

**Percent Solids: 90.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.4	0.47	mg/Kg	☆	07/15/13 14:00	07/18/13 10:34	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A5 (6.9')**

**Lab Sample ID: 480-41851-16**

**Date Collected: 07/10/13 13:20**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 89.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.8		2.2	0.44	mg/Kg	☆	07/15/13 14:00	07/18/13 10:36	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A6 (2')**

**Date Collected: 07/10/13 13:50**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-17**

**Matrix: Solid**

**Percent Solids: 87.9**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A6 (4')**

**Date Collected: 07/10/13 13:50**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-18**

**Matrix: Solid**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		1.9	0.39	mg/Kg	☆	07/15/13 14:00	07/18/13 10:41	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A6 (6.4')**

**Lab Sample ID: 480-41851-19**

**Date Collected: 07/10/13 13:50**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 89.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		2.1	0.41	mg/Kg	☆	07/15/13 14:00	07/18/13 10:44	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		2.2	0.45	mg/Kg	☆	07/15/13 14:00	07/18/13 10:47	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A7 (4')**

**Date Collected: 07/10/13 14:15**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-21**

**Matrix: Solid**

**Percent 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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: A7 (5.4')**

**Lab Sample ID: 480-41851-22**

**Date Collected: 07/10/13 14:15**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 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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TestAmerica Buffalo

**ROW B**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B(-2) 2ft**

**Date Collected: 08/07/13 09:30**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-5**

**Matrix: Solid**

**Percent Solids: 86.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.9		2.3	0.45	mg/Kg	☆	08/09/13 14:50	08/12/13 12:42	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B(-2) 4ft**

**Date Collected: 08/07/13 09:30**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-6**

**Matrix: Solid**

**Percent Solids: 84.0**

- 1
- 2
- 3
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- 6
- 7
- 8
- 9
- 10
- 11

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.2	0.44	mg/Kg	☼	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

**Method: 7471A - Mercury (CVAA)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	J	0.022	0.0089	mg/Kg	☼	08/09/13 08:20	08/09/13 12:18	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B(-2) 5.5ft**

**Lab Sample ID: 480-43456-7**

**Date Collected: 08/07/13 09:30**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 88.7**

### 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

### 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B(-2) 8ft**

**Date Collected: 08/07/13 09:30**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-8**

**Matrix: Solid**

**Percent Solids: 89.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.44	mg/Kg	☆	08/09/13 14:50	08/12/13 12:51	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B (-1) 2FT**

**Lab Sample ID: 480-43507-4**

**Date Collected: 08/06/13 09:30**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 86.0**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B (-1) 4FT**

**Lab Sample ID: 480-43507-5**

**Date Collected: 08/06/13 09:30**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 87.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		2.2	0.44	mg/Kg	☼	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	mg/Kg	☼	08/09/13 08:20	08/09/13 11:55	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B (-1) 6FT**

**Lab Sample ID: 480-43507-6**

**Date Collected: 08/06/13 09:30**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 85.9**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.9		2.1	0.42	mg/Kg	☆	08/09/13 14:50	08/12/13 11:19	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B0(1.8FT)**

**Lab Sample ID: 480-43265-18**

**Date Collected: 08/05/13 14:12**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 95.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B0(3FT)**

**Lab Sample ID: 480-43265-19**

**Date Collected: 08/05/13 14:12**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 84.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.5		2.3	0.46	mg/Kg	☆	08/07/13 15:20	08/08/13 16:28	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B0(6FT)**

**Lab Sample ID: 480-43265-20**

**Date Collected: 08/05/13 14:12**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 95.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.0	0.40	mg/Kg	☆	08/07/13 15:20	08/08/13 16:36	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B0(8FT)**

**Date Collected: 08/05/13 14:12**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-21**

**Matrix: Solid**

**Percent Solids: 95.0**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-1 (2')**

**Date Collected: 07/12/13 10:07**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-10**

**Matrix: Solid**

**Percent Solids: 72.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	128		3.0	0.59	mg/Kg	☆	07/16/13 12:40	07/18/13 19:11	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-1 (4')**

**Date Collected: 07/12/13 10:07**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-11**

**Matrix: Solid**

**Percent Solids: 85.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	117		2.2	0.44	mg/Kg	☆	07/16/13 12:40	07/18/13 19:13	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-1 (6')**

**Date Collected: 07/12/13 10:07**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-12**

**Matrix: Solid**

**Percent Solids: 90.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		2.1	0.42	mg/Kg	☆	07/16/13 12:40	07/18/13 19:16	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-1 (6.9')**

**Lab Sample ID: 480-41968-13**

**Date Collected: 07/12/13 10:07**

**Matrix: Solid**

**Date Received: 07/15/13 14:10**

**Percent Solids: 88.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-2 (2')**

**Date Collected: 07/12/13 09:40**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-7**

**Matrix: Solid**

**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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-2 (4')**

**Date Collected: 07/12/13 09:40**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-8**

**Matrix: Solid**

**Percent Solids: 87.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.44	mg/Kg	☆	07/16/13 12:40	07/18/13 19:06	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-2 (6')**

**Date Collected: 07/12/13 09:40**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-9**

**Matrix: Solid**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-3 (2')**

**Date Collected: 07/12/13 09:05**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-4**

**Matrix: Solid**

**Percent Solids: 83.3**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-3 (4')**

**Date Collected: 07/12/13 09:05**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-5**

**Matrix: Solid**

**Percent Solids: 90.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.2	0.45	mg/Kg	☆	07/16/13 12:40	07/18/13 18:43	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-3 (6')**

**Date Collected: 07/12/13 09:05**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-6**

**Matrix: Solid**

**Percent Solids: 91.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		2.3	0.45	mg/Kg	☆	07/16/13 12:40	07/18/13 18:46	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-4 (2')**

**Date Collected: 07/12/13 08:17**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-1**

**Matrix: Solid**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.3	0.46	mg/Kg	☆	07/16/13 09:50	07/18/13 18:29	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-4 (4')**

**Date Collected: 07/12/13 08:17**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-2**

**Matrix: Solid**

**Percent Solids: 90.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.3	0.46	mg/Kg	☆	07/16/13 09:50	07/18/13 18:31	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: B-4 (5.8')**

**Date Collected: 07/12/13 08:17**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-3**

**Matrix: Solid**

**Percent Solids: 87.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.5	0.49	mg/Kg	☆	07/16/13 09:50	07/18/13 18:34	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B-5 (2')**

**Date Collected: 07/10/13 15:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-29**

**Matrix: Solid**

**Percent Solids: 75.0**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B-5 (4')**

**Date Collected: 07/10/13 15:20**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-30**

**Matrix: Solid**

**Percent Solids: 87.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.5	0.49	mg/Kg	☆	07/15/13 14:00	07/16/13 19:29	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B-5 (6.4')**

**Lab Sample ID: 480-41851-31**

**Date Collected: 07/10/13 15:20**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 88.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.4		2.0	0.41	mg/Kg	☆	07/15/13 14:00	07/16/13 19:32	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.5	0.50	mg/Kg	☆	07/15/13 14:00	07/16/13 19:15	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**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	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B-6 (6')**

**Date Collected: 07/10/13 15:00**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-28**

**Matrix: Solid**

**Percent Solids: 91.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.4	0.49	mg/Kg	☆	07/15/13 14:00	07/16/13 19:24	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B7 (2')**

**Date Collected: 07/10/13 14:40**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-23**

**Matrix: Solid**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B7 (4')**

**Date Collected: 07/10/13 14:40**

**Date Received: 07/12/13 11:30**

**Lab Sample ID: 480-41851-24**

**Matrix: Solid**

**Percent Solids: 90.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.1	0.42	mg/Kg	☆	07/15/13 14:00	07/16/13 19:10	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41851-1

**Client Sample ID: B7 (5.8')**

**Lab Sample ID: 480-41851-25**

**Date Collected: 07/10/13 14:40**

**Matrix: Solid**

**Date Received: 07/12/13 11:30**

**Percent Solids: 87.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.5	0.49	mg/Kg	☆	07/15/13 14:00	07/16/13 19:12	1

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TestAmerica Buffalo

**ROW C**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: C(-2) 2ft**

**Date Collected: 08/07/13 09:55**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-9**

**Matrix: Solid**

**Percent Solids: 87.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.0	0.41	mg/Kg	☆	08/09/13 14:50	08/12/13 12:54	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: C(-2) 4ft**

**Lab Sample ID: 480-43456-10**

**Date Collected: 08/07/13 09:55**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 80.2**

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

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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: C(-2) 6ft**

**Lab Sample ID: 480-43456-11**

**Date Collected: 08/07/13 09:55**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.1	0.42	mg/Kg	☆	08/09/13 14:50	08/12/13 12:59	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: C (-1) 3FT**

**Lab Sample ID: 480-43507-8**

**Date Collected: 08/06/13 10:02**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 79.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.8		2.6	0.52	mg/Kg	☼	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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	11.6		2.2	0.44	mg/Kg	☆	08/09/13 14:50	08/12/13 11:30	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

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

**Lab Sample ID: 480-43507-10**

**Date Collected: 08/06/13 10:02**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 90.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.4	0.49	mg/Kg	☼	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

### 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: CO-5' (2')**

**Lab Sample ID: 480-41968-14**

**Date Collected: 07/12/13 11:10**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: CO-5' (4')**

**Lab Sample ID: 480-41968-15**

**Date Collected: 07/12/13 11:10**

**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	3.8		2.5	0.51	mg/Kg	☆	07/16/13 12:40	07/18/13 19:28	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.4	0.48	mg/Kg	☆	07/16/13 12:40	07/18/13 19:30	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: CO-5' (8")**

**Lab Sample ID: 480-41968-17**

**Date Collected: 07/12/13 11:10**

**Matrix: Solid**

**Date Received: 07/15/13 14:10**

**Percent Solids: 88.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.1		2.5	0.51	mg/Kg	☆	07/16/13 12:40	07/18/13 19:35	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: CO (4.4')**

**Lab Sample ID: 480-41968-19**

**Date Collected: 07/12/13 10:40**

**Matrix: Solid**

**Date Received: 07/15/13 14:10**

**Percent Solids: 78.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	98.7		2.4	0.47	mg/Kg	☆	07/16/13 12:40	07/18/13 19:38	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: C1(2FT)**

**Lab Sample ID: 480-43265-14**

**Date Collected: 08/05/13 13:40**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 93.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	36.6		1.9	0.39	mg/Kg	☆	08/07/13 15:20	08/08/13 16:14	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: C1(4FT)**

**Lab Sample ID: 480-43265-15**

**Date Collected: 08/05/13 13:40**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 95.8**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: C1(6FT)**

**Lab Sample ID: 480-43265-16**

**Date Collected: 08/05/13 13:40**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 97.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-2 (4')**

**Date Collected: 07/12/13 11:55**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-21**

**Matrix: Solid**

**Percent Solids: 91.9**

**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 12:40	07/18/13 19:43	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-2 (6')**

**Date Collected: 07/12/13 11:55**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-39**

**Matrix: Solid**

**Percent Solids: 87.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.2	0.45	mg/Kg	☆	07/16/13 12:40	07/18/13 20:56	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-3 (2')**

**Date Collected: 07/12/13 13:12**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-22**

**Matrix: Solid**

**Percent Solids: 84.7**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-3 (4')**

**Date Collected: 07/12/13 13:12**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-23**

**Matrix: Solid**

**Percent Solids: 87.9**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-3 (6')**

**Date Collected: 07/12/13 13:12**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-24**

**Matrix: Solid**

**Percent Solids: 92.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.0	0.41	mg/Kg	☆	07/16/13 12:40	07/18/13 19:59	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-4 (2')**

**Date Collected: 07/12/13 13:42**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-25**

**Matrix: Solid**

**Percent Solids: 74.1**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-4 (4')**

**Date Collected: 07/12/13 13:42**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-26**

**Matrix: Solid**

**Percent Solids: 88.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.1	0.43	mg/Kg	☆	07/16/13 12:40	07/18/13 20:04	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-4 (6')**

**Date Collected: 07/12/13 13:42**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-27**

**Matrix: Solid**

**Percent Solids: 90.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.7		2.2	0.44	mg/Kg	☆	07/16/13 12:40	07/18/13 20:17	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-5 (2')**

**Date Collected: 07/12/13 14:07**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-28**

**Matrix: Solid**

**Percent Solids: 76.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	50.4		2.8	0.56	mg/Kg	☆	07/16/13 12:40	07/18/13 20:24	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-5 (4')**

**Date Collected: 07/12/13 14:07**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-29**

**Matrix: Solid**

**Percent Solids: 88.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.1	0.42	mg/Kg	☆	07/16/13 12:40	07/18/13 20:26	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-5 (5.6')**

**Lab Sample ID: 480-41968-30**

**Date Collected: 07/12/13 14:07**

**Matrix: Solid**

**Date Received: 07/15/13 14:10**

**Percent Solids: 91.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.4	0.48	mg/Kg	☆	07/16/13 12:40	07/18/13 20:29	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-6 (2')**

**Date Collected: 07/12/13 14:30**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-31**

**Matrix: Solid**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-6 (4')**

**Date Collected: 07/12/13 14:30**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-32**

**Matrix: Solid**

**Percent Solids: 90.3**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-6 (5')**

**Date Collected: 07/12/13 14:30**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-33**

**Matrix: Solid**

**Percent Solids: 89.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.3		2.4	0.48	mg/Kg	☆	07/16/13 12:40	07/18/13 20:37	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**Client Sample ID: C-7 (4')**

**Date Collected: 07/12/13 14:50**

**Date Received: 07/15/13 14:10**

**Lab Sample ID: 480-41968-35**

**Matrix: Solid**

**Percent Solids: 87.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.1	0.43	mg/Kg	☆	07/16/13 12:40	07/18/13 20:42	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41968-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.2	0.44	mg/Kg	☆	07/16/13 12:40	07/18/13 20:44	1

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TestAmerica Buffalo

**ROW D**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: D(-2) 1.7 ft**

**Lab Sample ID: 480-43456-12**

**Date Collected: 08/07/13 10:30**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**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	mg/Kg	☼	08/09/13 08:20	08/09/13 12:29	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.4	0.48	mg/Kg	☆	08/09/13 14:50	08/12/13 13:10	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: D(-2) 6 ft**

**Lab Sample ID: 480-43456-14**

**Date Collected: 08/07/13 10:30**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 90.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: D (-1) 2FT**

**Lab Sample ID: 480-43507-11**

**Date Collected: 08/06/13 10:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent 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	☼	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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: D (-1) 4FT**

**Lab Sample ID: 480-43507-12**

**Date Collected: 08/06/13 10:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 82.2**

### 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: D (-1) 6FT**

**Lab Sample ID: 480-43507-13**

**Date Collected: 08/06/13 10:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 89.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.4	0.48	mg/Kg	☆	08/09/13 14:50	08/12/13 11:41	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.4	0.48	mg/Kg	☆	08/09/13 14:50	08/12/13 11:44	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D0 (2')**

**Date Collected: 07/15/13 08:25**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-26**

**Matrix: Solid**

**Percent Solids: 80.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.8		2.6	0.51	mg/Kg	☆	07/16/13 09:50	07/18/13 17:49	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D0 (4')**

**Date Collected: 07/15/13 08:25**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-27**

**Matrix: Solid**

**Percent Solids: 90.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.2	0.45	mg/Kg	☆	07/16/13 09:50	07/18/13 17:56	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.3	0.46	mg/Kg	☆	07/16/13 09:50	07/18/13 17:58	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D0 (7.5')**

**Lab Sample ID: 480-41973-29**

**Date Collected: 07/15/13 08:25**

**Matrix: Solid**

**Date Received: 07/15/13 15:58**

**Percent Solids: 88.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: D1(2FT)**

**Date Collected: 08/05/13 11:05**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-6**

**Matrix: Solid**

**Percent Solids: 97.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.1	0.42	mg/Kg	☆	08/07/13 15:20	08/08/13 15:47	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D1 (4')**

**Date Collected: 07/15/13 08:52**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-30**

**Matrix: Solid**

**Percent Solids: 77.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.0		2.7	0.53	mg/Kg	☆	07/16/13 09:50	07/18/13 18:04	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D1 (6')**

**Date Collected: 07/15/13 08:52**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-31**

**Matrix: Solid**

**Percent Solids: 91.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.3	0.45	mg/Kg	☆	07/16/13 09:50	07/18/13 18:06	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D1 (7.8')**

**Lab Sample ID: 480-41973-32**

**Date Collected: 07/15/13 08:52**

**Matrix: Solid**

**Date Received: 07/15/13 15:58**

**Percent Solids: 87.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.5	0.50	mg/Kg	☆	07/16/13 09:50	07/18/13 18:09	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: D2(2FT)**

**Date Collected: 08/05/13 11:24**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-7**

**Matrix: Solid**

**Percent Solids: 97.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.4		1.8	0.37	mg/Kg	☆	08/07/13 15:20	08/08/13 15:49	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D2 (4')**

**Date Collected: 07/15/13 09:20**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-33**

**Matrix: Solid**

**Percent Solids: 87.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D2 (6")**

**Date Collected: 07/15/13 09:20**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-34**

**Matrix: Solid**

**Percent Solids: 88.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.3	0.47	mg/Kg	☆	07/16/13 09:50	07/18/13 18:14	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**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	mg/Kg	☆	07/16/13 09:50	07/18/13 18:16	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D3 (2')**

**Date Collected: 07/15/13 10:10**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-36**

**Matrix: Solid**

**Percent Solids: 78.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	44.2		2.8	0.55	mg/Kg	☆	07/16/13 09:50	07/18/13 18:19	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**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
Arsenic	4.0		2.4	0.47	mg/Kg	☆	07/16/13 09:50	07/18/13 18:26	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D3 (6')**

**Date Collected: 07/15/13 10:10**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-1**

**Matrix: Solid**

**Percent Solids: 90.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.4	0.48	mg/Kg	☆	07/16/13 09:50	07/23/13 21:19	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D3 (7.6')**

**Date Collected: 07/15/13 10:10**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-2**

**Matrix: Solid**

**Percent Solids: 90.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.2	0.45	mg/Kg	☆	07/16/13 09:50	07/23/13 21:21	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D4 (2')**

**Date Collected: 07/15/13 10:37**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-3**

**Matrix: Solid**

**Percent Solids: 82.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.7		2.3	0.46	mg/Kg	☆	07/16/13 09:50	07/23/13 21:24	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D4 (4')**

**Date Collected: 07/15/13 10:37**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-4**

**Matrix: Solid**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.9		2.1	0.41	mg/Kg	☆	07/16/13 09:50	07/23/13 21:41	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D4 (6')**

**Date Collected: 07/15/13 10:37**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-5**

**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/Kg	☆	07/16/13 09:50	07/23/13 21:44	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D5 (2')**

**Date Collected: 07/15/13 11:05**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-6**

**Matrix: Solid**

**Percent Solids: 84.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.0	J	2.4	0.48	mg/Kg	☆	07/16/13 09:50	07/23/13 21:47	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D5 (4')**

**Date Collected: 07/15/13 11:05**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-7**

**Matrix: Solid**

**Percent Solids: 83.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.45	mg/Kg	☆	07/16/13 09:50	07/23/13 21:49	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D6 (2')**

**Date Collected: 07/15/13 11:25**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-9**

**Matrix: Solid**

**Percent Solids: 84.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.2	J	2.6	0.52	mg/Kg	☆	07/16/13 09:50	07/23/13 21:54	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D6 (4')**

**Date Collected: 07/15/13 11:25**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-10**

**Matrix: Solid**

**Percent Solids: 89.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.0	0.41	mg/Kg	☆	07/16/13 09:50	07/23/13 21:57	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D6 (6')**

**Date Collected: 07/15/13 11:25**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-11**

**Matrix: Solid**

**Percent Solids: 89.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.2	0.43	mg/Kg	☆	07/16/13 09:50	07/23/13 21:59	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D7 (2')**

**Date Collected: 07/15/13 11:47**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-12**

**Matrix: Solid**

**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	mg/Kg	☆	07/16/13 09:50	07/23/13 22:02	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D7 (4')**

**Date Collected: 07/15/13 11:47**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-13**

**Matrix: Solid**

**Percent Solids: 88.5**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: D7 (6')**

**Date Collected: 07/15/13 11:47**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-14**

**Matrix: Solid**

**Percent Solids: 88.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.5	0.50	mg/Kg	☆	07/16/13 09:50	07/23/13 22:12	1

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TestAmerica Buffalo

**ROW E**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: E(-2) 2ft**

**Lab Sample ID: 480-43456-15**

**Date Collected: 08/07/13 11:32**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 89.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.3	0.45	mg/Kg	☼	08/09/13 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	mg/Kg	☼	08/09/13 08:20	08/09/13 12:30	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: E(-2) 4ft**

**Lab Sample ID: 480-43456-16**

**Date Collected: 08/07/13 11:32**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 84.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.6		2.3	0.47	mg/Kg	☆	08/09/13 14:50	08/12/13 13:19	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: E(-2) 6ft**

**Date Collected: 08/07/13 11:32**

**Date Received: 08/07/13 14:55**

**Lab Sample ID: 480-43456-17**

**Matrix: Solid**

**Percent Solids: 89.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.0	0.40	mg/Kg	☆	08/09/13 14:50	08/12/13 13:22	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: E (-1) 2FT**

**Lab Sample ID: 480-43507-15**

**Date Collected: 08/06/13 11:15**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 84.8**

### 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	☼	08/09/13 08:20	08/09/13 12:10	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: E (-1) 4FT**

**Lab Sample ID: 480-43507-16**

**Date Collected: 08/06/13 11:15**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 89.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.4	0.49	mg/Kg	☆	08/09/13 14:50	08/12/13 11:49	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**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**

**Percent Solids: 89.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.1	0.42	mg/Kg	☆	08/09/13 14:50	08/12/13 11:52	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: E (-1) 8FT**

**Lab Sample ID: 480-43507-18**

**Date Collected: 08/06/13 11:15**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 90.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.4		2.1	0.42	mg/Kg	☆	08/09/13 14:50	08/12/13 12:00	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-0 (1.5')**

**Lab Sample ID: 480-42138-10**

**Date Collected: 07/16/13 10:07**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 83.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	465		2.6	0.52	mg/Kg	☆	07/18/13 10:40	07/24/13 00:31	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.0		2.4	0.48	mg/Kg	☆	07/18/13 10:40	07/24/13 00:33	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-0 (4')**

**Date Collected: 07/16/13 10:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-12**

**Matrix: Solid**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-0 (6')**

**Date Collected: 07/16/13 10:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-13**

**Matrix: Solid**

**Percent Solids: 89.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.2	0.44	mg/Kg	☆	07/18/13 10:40	07/24/13 00:43	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-0 (8')**

**Date Collected: 07/16/13 10:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-14**

**Matrix: Solid**

**Percent Solids: 89.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.1		2.5	0.49	mg/Kg	☆	07/18/13 10:40	07/24/13 00:46	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: E1(2.2FT)**

**Lab Sample ID: 480-43265-8**

**Date Collected: 08/05/13 11:43**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 95.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	9.6		2.1	0.42	mg/Kg	☆	08/07/13 15:20	08/08/13 15:52	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-1 (4')**

**Date Collected: 07/16/13 09:22**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-7**

**Matrix: Solid**

**Percent Solids: 87.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.3	0.45	mg/Kg	☆	07/18/13 10:40	07/24/13 00:23	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-1 (6')**

**Date Collected: 07/16/13 09:22**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-8**

**Matrix: Solid**

**Percent Solids: 89.5**

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

Analyte	Result	Qualifier	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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-1 (7.3')**

**Lab Sample ID: 480-42138-9**

**Date Collected: 07/16/13 09:22**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 90.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.4	0.48	mg/Kg	☆	07/18/13 10:40	07/24/13 00:28	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-2 (2')**

**Date Collected: 07/16/13 08:40**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-4**

**Matrix: Solid**

**Percent Solids: 77.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	17.3		2.5	0.49	mg/Kg	☆	07/18/13 10:40	07/24/13 00:15	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-2 (4')**

**Date Collected: 07/16/13 08:40**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-5**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-2 (5.6')**

**Lab Sample ID: 480-42138-6**

**Date Collected: 07/16/13 08:40**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 90.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.0	0.40	mg/Kg	☆	07/18/13 10:40	07/24/13 00:20	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-3 (2')**

**Date Collected: 07/16/13 08:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-1**

**Matrix: Solid**

**Percent Solids: 91.3**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-3 (4')**

**Date Collected: 07/16/13 08:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-2**

**Matrix: Solid**

**Percent Solids: 90.3**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: E-3 (6')**

**Date Collected: 07/16/13 08:07**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-3**

**Matrix: Solid**

**Percent Solids: 89.5**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E4 ('2)**

**Date Collected: 07/15/13 14:32**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-23**

**Matrix: Solid**

**Percent Solids: 86.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.5	0.50	mg/Kg	☆	07/16/13 09:50	07/18/13 17:32	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E4 (4')**

**Date Collected: 07/15/13 14:32**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-24**

**Matrix: Solid**

**Percent Solids: 89.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.3	0.45	mg/Kg	☆	07/16/13 09:50	07/18/13 17:44	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E4 (5.8')**

**Lab Sample ID: 480-41973-25**

**Date Collected: 07/15/13 14:32**

**Matrix: Solid**

**Date Received: 07/15/13 15:58**

**Percent Solids: 88.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.4	0.48	mg/Kg	☆	07/16/13 09:50	07/18/13 17:46	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E5 (2')**

**Lab Sample ID: 480-41973-20**

**Date Collected: 07/15/13 14:10**

**Matrix: Solid**

**Date Received: 07/15/13 15:58**

**Percent Solids: 85.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.2	0.44	mg/Kg	☆	07/16/13 09:50	07/23/13 22:28	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E5 (4')**

**Date Collected: 07/15/13 14:10**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-21**

**Matrix: Solid**

**Percent Solids: 89.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.0		2.4	0.48	mg/Kg	☆	07/16/13 09:50	07/18/13 17:27	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.7		2.3	0.46	mg/Kg	☆	07/16/13 09:50	07/18/13 17:29	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E6 (4')**

**Date Collected: 07/15/13 13:40**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-18**

**Matrix: Solid**

**Percent Solids: 87.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.4	0.47	mg/Kg	☆	07/16/13 09:50	07/23/13 22:23	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E6 (6')**

**Date Collected: 07/15/13 13:40**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-19**

**Matrix: Solid**

**Percent Solids: 89.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.0	0.41	mg/Kg	☆	07/16/13 09:50	07/23/13 22:25	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E7 (2')**

**Date Collected: 07/15/13 13:15**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-15**

**Matrix: Solid**

**Percent Solids: 86.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.7		2.2	0.44	mg/Kg	☆	07/16/13 09:50	07/23/13 22:15	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E7 (4')**

**Lab Sample ID: 480-41973-16**

**Date Collected: 07/15/13 13:15**

**Matrix: Solid**

**Date Received: 07/15/13 15:58**

**Percent Solids: 88.5**

**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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-41973-1

**Client Sample ID: E7 (6')**

**Date Collected: 07/15/13 13:15**

**Date Received: 07/15/13 15:58**

**Lab Sample ID: 480-41973-17**

**Matrix: Solid**

**Percent Solids: 87.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		2.2	0.45	mg/Kg	☆	07/16/13 09:50	07/23/13 22:20	1

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TestAmerica Buffalo

**ROW F**



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: F (-1) 2FT**

**Lab Sample ID: 480-43507-19**

**Date Collected: 08/06/13 11:42**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 87.6**

### 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	1

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.021	0.0087	mg/Kg	☼	08/09/13 08:20	08/09/13 12:12	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: F (-1) 4FT**

**Lab Sample ID: 480-43507-20**

**Date Collected: 08/06/13 11:42**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 90.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.3	0.46	mg/Kg	☆	08/09/13 14:50	08/12/13 12:06	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: F (-1) 6FT**

**Lab Sample ID: 480-43507-21**

**Date Collected: 08/06/13 11:42**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 91.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.1	0.42	mg/Kg	☆	08/12/13 15:50	08/14/13 04:31	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: F (-1) 8FT**

**Lab Sample ID: 480-43507-22**

**Date Collected: 08/06/13 11:42**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 94.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.2	0.45	mg/Kg	☆	08/12/13 15:50	08/14/13 04:34	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-0 (2')**

**Lab Sample ID: 480-42138-19**

**Date Collected: 07/16/13 11:05**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 81.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	194		2.6	0.51	mg/Kg	☆	07/18/13 10:40	07/24/13 00:59	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-0 (4')**

**Lab Sample ID: 480-42138-20**

**Date Collected: 07/16/13 11:05**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-0 (6')**

**Date Collected: 07/16/13 11:05**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-21**

**Matrix: Solid**

**Percent Solids: 89.9**

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

Analyte	Result	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

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-0 (8')**

**Date Collected: 07/16/13 11:05**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-22**

**Matrix: Solid**

**Percent Solids: 88.8**

**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

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	112		2.4	0.48	mg/Kg	☆	07/19/13 10:05	07/25/13 04:31	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-1 (4')**

**Lab Sample ID: 480-42138-24**

**Date Collected: 07/16/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 86.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.4	0.48	mg/Kg	☆	07/19/13 10:05	07/25/13 04:52	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.3	0.46	mg/Kg	☆	07/19/13 10:05	07/25/13 04:55	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.1		2.4	0.48	mg/Kg	☆	07/19/13 10:05	07/25/13 04:57	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-2 (4')**

**Lab Sample ID: 480-42138-28**

**Date Collected: 07/16/13 12:52**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 91.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.3	0.46	mg/Kg	☆	07/19/13 10:05	07/25/13 05:00	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-3 (2')**

**Lab Sample ID: 480-42138-29**

**Date Collected: 07/16/13 13:21**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 79.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.7		2.5	0.51	mg/Kg	☆	07/19/13 10:05	07/25/13 05:03	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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
Arsenic	3.1		2.0	0.41	mg/Kg	☆	07/19/13 10:05	07/25/13 05:05	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-4 (2')**

**Lab Sample ID: 480-42138-31**

**Date Collected: 07/16/13 13:45**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.5	0.49	mg/Kg	☆	07/19/13 10:05	07/25/13 05:08	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.2		2.5	0.50	mg/Kg	☆	07/19/13 10:05	07/25/13 05:11	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-4 (5.7')**

**Lab Sample ID: 480-42138-33**

**Date Collected: 07/16/13 13:45**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 81.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		2.4	0.47	mg/Kg	☆	07/19/13 10:05	07/25/13 05:23	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	10.6		2.8	0.56	mg/Kg	☆	07/19/13 10:05	07/25/13 05:26	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-6 (2')**

**Lab Sample ID: 480-42138-36**

**Date Collected: 07/16/13 14:42**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 80.1**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.0	0.41	mg/Kg	☆	07/19/13 10:05	07/25/13 05:34	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F-6 (6')**

**Lab Sample ID: 480-42138-38**

**Date Collected: 07/16/13 14:42**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.9		2.4	0.48	mg/Kg	☆	07/19/13 10:05	07/25/13 05:36	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F7 (2')**

**Lab Sample ID: 480-42138-39**

**Date Collected: 07/17/13 08:10**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 88.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		2.4	0.48	mg/Kg	☆	07/19/13 10:05	07/25/13 05:39	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F7 (4')**

**Date Collected: 07/17/13 08:10**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-40**

**Matrix: Solid**

**Percent Solids: 88.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.43	mg/Kg	☆	07/19/13 10:05	07/25/13 05:42	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: F7 (5')**

**Date Collected: 07/17/13 08:10**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-41**

**Matrix: Solid**

**Percent Solids: 89.0**

**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

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TestAmerica Buffalo

**ROW G**

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: G (-1) 2.2FT**

**Lab Sample ID: 480-43507-23**

**Date Collected: 08/06/13 13:00**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 87.7**

### 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
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	☼	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	☼	08/09/13 08:20	08/09/13 12:14	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: G (-1) 4FT**

**Lab Sample ID: 480-43507-24**

**Date Collected: 08/06/13 13:00**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 89.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		2.3	0.45	mg/Kg	☆	08/12/13 15:50	08/14/13 04:50	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: G0 (2FT)**

**Lab Sample ID: 480-43507-25**

**Date Collected: 08/06/13 13:40**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 87.1**

### 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.2		2.2	0.45	mg/Kg	☆	08/12/13 15:50	08/14/13 05:01	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: G0 (6FT)**

**Lab Sample ID: 480-43507-27**

**Date Collected: 08/06/13 13:40**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 89.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.5	0.50	mg/Kg	☆	08/12/13 15:50	08/14/13 05:04	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: G1 1.6ft**

**Lab Sample ID: 480-43456-21**

**Date Collected: 08/07/13 13:12**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 79.3**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	12.2		2.6	0.53	mg/Kg	☼	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

### Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.025	0.010	mg/Kg	☼	08/09/13 08:20	08/09/13 12:34	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**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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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: G1 6ft**

**Lab Sample ID: 480-43456-23**

**Date Collected: 08/07/13 13:12**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 88.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.3		2.1	0.42	mg/Kg	☆	08/12/13 15:50	08/14/13 05:13	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.7		2.4	0.49	mg/Kg	☆	08/12/13 15:50	08/14/13 05:18	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: G2 5.8ft**

**Lab Sample ID: 480-43456-26**

**Date Collected: 08/07/13 13:41**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 87.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.3		2.4	0.47	mg/Kg	☆	08/12/13 15:50	08/14/13 05:21	1

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TestAmerica Buffalo

## **MISCELLANEOUS LOCATIONS**



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB-1 (1.8')**

**Lab Sample ID: 480-42138-15**

**Date Collected: 07/16/13 10:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 80.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	129		2.8	0.55	mg/Kg	☆	07/18/13 10:40	07/24/13 00:49	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB-1 (8')**

**Lab Sample ID: 480-42138-18**

**Date Collected: 07/16/13 10:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 88.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		2.4	0.49	mg/Kg	☆	07/18/13 10:40	07/24/13 00:56	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	15.0		2.1	0.42	mg/Kg	☆	07/18/13 10:05	07/25/13 04:00	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB2 (4')**

**Date Collected: 07/17/13 10:33**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-56**

**Matrix: Solid**

**Percent Solids: 87.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.4		2.2	0.44	mg/Kg	☆	07/18/13 10:05	07/25/13 04:02	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB3 (2')**

**Date Collected: 07/17/13 09:32**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-51**

**Matrix: Solid**

**Percent Solids: 82.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.5		2.4	0.47	mg/Kg	☆	07/18/13 10:05	07/25/13 03:52	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.6		2.2	0.44	mg/Kg	☆	07/18/13 10:05	07/25/13 03:54	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB4 (2')**

**Date Collected: 07/17/13 09:00**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-47**

**Matrix: Solid**

**Percent Solids: 87.6**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB4 (4')**

**Date Collected: 07/17/13 09:00**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-48**

**Matrix: Solid**

**Percent Solids: 87.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.5		2.2	0.43	mg/Kg	☆	07/18/13 10:05	07/25/13 03:36	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB4 (5.5')**

**Lab Sample ID: 480-42138-49**

**Date Collected: 07/17/13 09:00**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.6		2.5	0.49	mg/Kg	☆	07/18/13 10:05	07/25/13 03:39	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB5 (4')**

**Lab Sample ID: 480-42138-44**

**Date Collected: 07/17/13 08:42**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.4**

**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

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB5 (6')**

**Date Collected: 07/17/13 08:42**

**Date Received: 07/17/13 14:25**

**Lab Sample ID: 480-42138-45**

**Matrix: Solid**

**Percent Solids: 89.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.8		2.2	0.44	mg/Kg	☆	07/18/13 10:05	07/25/13 03:28	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.4	0.47	mg/Kg	☆	07/18/13 10:05	07/25/13 04:08	1

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TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB6 (4')**

**Lab Sample ID: 480-42138-59**

**Date Collected: 07/17/13 10:55**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 88.7**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.6		2.4	0.47	mg/Kg	☆	07/18/13 10:05	07/25/13 04:10	1

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TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (2')**

**Lab Sample ID: 480-42138-60**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.5	0.40	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,1,2,2-Tetrachloroethane	ND		5.5	0.89	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,1,2-Trichloroethane	ND		5.5	0.71	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
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
1,1-Dichloroethane	ND		5.5	0.67	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,1-Dichloroethene	ND		5.5	0.67	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2,4-Trichlorobenzene	ND		5.5	0.33	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2-Dibromo-3-Chloropropane	ND		5.5	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2-Dibromoethane	ND		5.5	0.70	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2-Dichlorobenzene	ND		5.5	0.43	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2-Dichloroethane	ND		5.5	0.27	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,2-Dichloropropane	ND		5.5	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,3-Dichlorobenzene	ND		5.5	0.28	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
1,4-Dichlorobenzene	ND		5.5	0.77	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
2-Hexanone	ND		27	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
2-Butanone (MEK)	ND		27	2.0	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
4-Methyl-2-pentanone (MIBK)	ND		27	1.8	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Acetone	ND		27	4.6	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Benzene	ND		5.5	0.27	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Bromodichloromethane	ND		5.5	0.73	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Bromoform	ND		5.5	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Bromomethane	ND		5.5	0.49	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Carbon disulfide	ND		5.5	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Carbon tetrachloride	ND		5.5	0.53	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Chlorobenzene	ND		5.5	0.72	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Dibromochloromethane	ND		5.5	0.70	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Chloroethane	ND		5.5	1.2	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Chloroform	ND		5.5	0.34	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Chloromethane	ND		5.5	0.33	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
cis-1,2-Dichloroethene	ND		5.5	0.70	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
cis-1,3-Dichloropropene	ND		5.5	0.79	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Cyclohexane	ND		5.5	0.77	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Dichlorodifluoromethane	ND		5.5	0.45	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Ethylbenzene	ND		5.5	0.38	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Isopropylbenzene	ND		5.5	0.83	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Methyl acetate	ND *		5.5	1.0	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Methyl tert-butyl ether	ND		5.5	0.54	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Methylcyclohexane	ND		5.5	0.83	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Methylene Chloride	ND		5.5	2.5	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Styrene	ND		5.5	0.27	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Tetrachloroethene	ND		5.5	0.73	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Toluene	ND		5.5	0.41	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
trans-1,2-Dichloroethene	ND		5.5	0.56	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
trans-1,3-Dichloropropene	ND		5.5	2.4	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Trichloroethene	ND		5.5	1.2	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Trichlorofluoromethane	ND		5.5	0.52	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Vinyl chloride	ND		5.5	0.67	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1
Xylenes, Total	ND		11	0.92	ug/Kg	☆	07/21/13 23:34	07/22/13 01:22	1

TestAmerica Buffalo



# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (2")**

**Lab Sample ID: 480-42138-60**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.9**

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

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

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
<b>2-Methylnaphthalene</b>	<b>12 J</b>		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
<b>Acenaphthene</b>	<b>22 J</b>		190	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Acenaphthylene</b>	<b>10 J</b>		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
<b>Anthracene</b>	<b>66 J</b>		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
<b>Benzo(a)anthracene</b>	<b>170 J</b>		190	3.2	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Benzo(a)pyrene</b>	<b>170 J</b>		190	4.5	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Benzo(b)fluoranthene</b>	<b>210</b>		190	3.6	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Benzo(g,h,i)perylene</b>	<b>150 J</b>		190	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Benzo(k)fluoranthene</b>	<b>94 J</b>		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
<b>Chrysene</b>	<b>150 J</b>		190	1.9	ug/Kg	✱	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 Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (2')**

**Lab Sample ID: 480-42138-60**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 89.9**

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

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

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
<b>Dibenzofuran</b>	<b>13</b>	<b>J</b>	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
<b>Fluoranthene</b>	<b>230</b>		190	2.7	ug/Kg	✱	07/19/13 07:51	07/23/13 19:59	1
<b>Fluorene</b>	<b>22</b>	<b>J</b>	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
<b>Indeno(1,2,3-cd)pyrene</b>	<b>100</b>	<b>J</b>	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
<b>Naphthalene</b>	<b>11</b>	<b>J</b>	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
<b>Phenanthrene</b>	<b>250</b>		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
<b>Pyrene</b>	<b>420</b>		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
<b>Arsenic</b>	<b>18.0</b>		1.9	0.38	mg/Kg	✱	07/18/13 10:05	07/25/13 04:13	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (4')**

**Lab Sample ID: 480-42138-61**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 84.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	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	✱	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
<b>2-Butanone (MEK)</b>	<b>13</b>	<b>J</b>	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
<b>Acetone</b>	<b>81</b>		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
<b>Carbon disulfide</b>	<b>4.4</b>	<b>J</b>	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
<b>Ethylbenzene</b>	<b>0.78</b>	<b>J</b>	5.8	0.40	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Isopropylbenzene	ND		5.8	0.87	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Methyl acetate	ND	*	5.8	1.1	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Methyl tert-butyl ether	ND		5.8	0.57	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
<b>Methylcyclohexane</b>	<b>1.2</b>	<b>J</b>	5.8	0.88	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Methylene Chloride	ND		5.8	2.7	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Styrene	ND		5.8	0.29	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Tetrachloroethene	ND		5.8	0.78	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Toluene	ND		5.8	0.44	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
trans-1,2-Dichloroethene	ND		5.8	0.60	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
trans-1,3-Dichloropropene	ND		5.8	2.5	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Trichloroethene	ND		5.8	1.3	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Trichlorofluoromethane	ND		5.8	0.55	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
Vinyl chloride	ND		5.8	0.70	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1
<b>Xylenes, Total</b>	<b>0.99</b>	<b>J</b>	12	0.97	ug/Kg	✱	07/21/13 23:34	07/22/13 01:47	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (4')**

**Lab Sample ID: 480-42138-61**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	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	✱	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	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
3-Nitroaniline	ND		380	45	ug/Kg	✱	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	62	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
4-Chloro-3-methylphenol	ND		200	8.1	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
4-Chloroaniline	ND		200	57	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
4-Chlorophenyl phenyl ether	ND		200	4.2	ug/Kg	✱	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	22	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
4-Nitrophenol	ND		380	47	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Acenaphthene	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Acenaphthylene	ND		200	1.6	ug/Kg	✱	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	1
Anthracene	ND		200	5.0	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Atrazine	ND		200	8.7	ug/Kg	✱	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	1
Benzo(a)anthracene	ND		200	3.4	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Benzo(a)pyrene	ND		200	4.7	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Benzo(b)fluoranthene	ND		200	3.8	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Benzo(g,h,i)perylene	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Benzo(k)fluoranthene	ND		200	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Bis(2-chloroethoxy)methane	ND		200	11	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	1
Butyl benzyl phthalate	ND		200	53	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Caprolactam	ND		200	85	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Carbazole	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Chrysene	ND		200	2.0	ug/Kg	✱	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 Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (4')**

**Lab Sample ID: 480-42138-61**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 84.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		200	4.6	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Dibenz(a,h)anthracene	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Dibenzofuran	ND		200	2.0	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Diethyl phthalate	ND		200	5.9	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Dimethyl phthalate	ND		200	5.1	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Fluoranthene	ND		200	2.8	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Fluorene	ND		200	4.5	ug/Kg	✱	07/19/13 07:51	07/23/13 20:24	1
Hexachlorobenzene	ND		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
<b>Phenanthrene</b>	<b>34 J</b>		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
<b>Arsenic</b>	<b>16.8</b>		2.4	0.49	mg/Kg	✱	07/23/13 13:40	07/24/13 20:58	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (6")**

**Lab Sample ID: 480-42138-62**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 83.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.9	0.43	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,1,2,2-Tetrachloroethane	ND		5.9	0.95	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,1,2-Trichloroethane	ND		5.9	0.76	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.3	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,1-Dichloroethane	ND		5.9	0.71	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,1-Dichloroethene	ND		5.9	0.72	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2,4-Trichlorobenzene	ND		5.9	0.36	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2-Dibromo-3-Chloropropane	ND		5.9	2.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2-Dibromoethane	ND		5.9	0.75	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2-Dichlorobenzene	ND		5.9	0.46	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2-Dichloroethane	ND		5.9	0.29	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,2-Dichloropropane	ND		5.9	2.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,3-Dichlorobenzene	ND		5.9	0.30	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
1,4-Dichlorobenzene	ND		5.9	0.82	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
2-Hexanone	ND		29	2.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>2-Butanone (MEK)</b>	<b>6.4</b>	<b>J</b>	29	2.1	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
4-Methyl-2-pentanone (MIBK)	ND		29	1.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Acetone</b>	<b>48</b>		29	4.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Benzene	ND		5.9	0.29	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Bromodichloromethane	ND		5.9	0.78	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Bromoform	ND		5.9	2.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Bromomethane	ND		5.9	0.53	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Carbon disulfide</b>	<b>6.0</b>		5.9	2.9	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Carbon tetrachloride	ND		5.9	0.57	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Chlorobenzene	ND		5.9	0.77	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Dibromochloromethane	ND		5.9	0.75	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Chloroethane	ND		5.9	1.3	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Chloroform	ND		5.9	0.36	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Chloromethane	ND		5.9	0.35	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
cis-1,2-Dichloroethene	ND		5.9	0.75	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
cis-1,3-Dichloropropene	ND		5.9	0.84	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Cyclohexane</b>	<b>8.5</b>		5.9	0.82	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Dichlorodifluoromethane	ND		5.9	0.48	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Ethylbenzene</b>	<b>9.6</b>		5.9	0.40	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Isopropylbenzene</b>	<b>1.4</b>	<b>J</b>	5.9	0.88	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Methyl acetate	ND	*	5.9	1.1	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Methyl tert-butyl ether	ND		5.9	0.58	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Methylcyclohexane</b>	<b>12</b>		5.9	0.89	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Methylene Chloride	ND		5.9	2.7	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Styrene	ND		5.9	0.29	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Tetrachloroethene	ND		5.9	0.79	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Toluene</b>	<b>0.82</b>	<b>J</b>	5.9	0.44	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
trans-1,2-Dichloroethene	ND		5.9	0.60	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
trans-1,3-Dichloropropene	ND		5.9	2.6	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Trichloroethene	ND		5.9	1.3	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Trichlorofluoromethane	ND		5.9	0.55	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
Vinyl chloride	ND		5.9	0.71	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1
<b>Xylenes, Total</b>	<b>13</b>		12	0.98	ug/Kg	☆	07/21/13 23:34	07/22/13 02:12	1

TestAmerica Buffalo



# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (6")**

**Lab Sample ID: 480-42138-62**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		200	12	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
bis (2-chloroisopropyl) ether	ND		200	21	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4,5-Trichlorophenol	ND		200	44	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4,6-Trichlorophenol	ND		200	13	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4-Dichlorophenol	ND		200	10	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4-Dimethylphenol	ND		200	54	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4-Dinitrophenol	ND		390	70	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,4-Dinitrotoluene	ND		200	31	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2,6-Dinitrotoluene	ND		200	49	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Chloronaphthalene	ND		200	13	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Chlorophenol	ND		200	10	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Methylnaphthalene	7.7	J	200	2.4	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Methylphenol	ND		200	6.1	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Nitroaniline	ND		390	64	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
2-Nitrophenol	ND		200	9.1	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
3,3'-Dichlorobenzidine	ND		200	180	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
3-Nitroaniline	ND		390	46	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4,6-Dinitro-2-methylphenol	ND		390	69	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Bromophenyl phenyl ether	ND		200	64	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Chloro-3-methylphenol	ND		200	8.2	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Chloroaniline	ND		200	59	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Chlorophenyl phenyl ether	ND		200	4.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Methylphenol	ND		390	11	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Nitroaniline	ND		390	22	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
4-Nitrophenol	ND		390	48	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Acenaphthene	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Acenaphthylene	ND		200	1.6	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Acetophenone	ND	*	200	10	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Anthracene	ND		200	5.1	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Atrazine	ND		200	8.9	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzaldehyde	ND		200	22	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzo(a)anthracene	ND		200	3.4	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzo(a)pyrene	ND		200	4.8	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzo(b)fluoranthene	ND		200	3.9	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzo(g,h,i)perylene	ND		200	2.4	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Benzo(k)fluoranthene	ND		200	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Bis(2-chloroethoxy)methane	ND		200	11	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Bis(2-chloroethyl)ether	ND		200	17	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Bis(2-ethylhexyl) phthalate	ND		200	64	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Butyl benzyl phthalate	ND		200	54	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Caprolactam	ND		200	86	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Carbazole	ND		200	2.3	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Chrysene	ND		200	2.0	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1
Di-n-butyl phthalate	ND		200	69	ug/Kg	✱	07/19/13 07:51	07/23/13 20:48	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (6")**

**Lab Sample ID: 480-42138-62**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 83.0**

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

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
<b>Naphthalene</b>	<b>190</b>	<b>J</b>	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
<b>Phenanthrene</b>	<b>370</b>		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
<b>Arsenic</b>	<b>3.0</b>		2.4	0.49	mg/Kg	✱	07/23/13 13:40	07/24/13 21:00	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (8')**

**Lab Sample ID: 480-42138-63**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.6	0.41	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,1,2,2-Tetrachloroethane	ND		5.6	0.91	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,1,2-Trichloroethane	ND		5.6	0.73	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
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
1,1-Dichloroethane	ND		5.6	0.68	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,1-Dichloroethene	ND		5.6	0.68	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2,4-Trichlorobenzene	ND		5.6	0.34	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2-Dibromo-3-Chloropropane	ND		5.6	2.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2-Dibromoethane	ND		5.6	0.72	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2-Dichlorobenzene	ND		5.6	0.44	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2-Dichloroethane	ND		5.6	0.28	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,2-Dichloropropane	ND		5.6	2.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,3-Dichlorobenzene	ND		5.6	0.29	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
1,4-Dichlorobenzene	ND		5.6	0.78	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
2-Hexanone	ND		28	2.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
<b>2-Butanone (MEK)</b>	<b>3.3</b>	<b>J</b>	28	2.0	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
4-Methyl-2-pentanone (MIBK)	ND		28	1.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
<b>Acetone</b>	<b>15</b>	<b>J</b>	28	4.7	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Benzene	ND		5.6	0.27	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Bromodichloromethane	ND		5.6	0.75	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Bromoform	ND		5.6	2.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Bromomethane	ND		5.6	0.50	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Carbon disulfide	ND		5.6	2.8	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Carbon tetrachloride	ND		5.6	0.54	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Chlorobenzene	ND		5.6	0.74	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Dibromochloromethane	ND		5.6	0.72	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Chloroethane	ND		5.6	1.3	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Chloroform	ND		5.6	0.35	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Chloromethane	ND		5.6	0.34	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
cis-1,2-Dichloroethene	ND		5.6	0.72	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
cis-1,3-Dichloropropene	ND		5.6	0.81	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Cyclohexane	ND		5.6	0.78	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Dichlorodifluoromethane	ND		5.6	0.46	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Ethylbenzene	ND		5.6	0.39	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Isopropylbenzene	ND		5.6	0.84	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Methyl acetate	ND	*	5.6	1.0	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Methyl tert-butyl ether	ND		5.6	0.55	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Methylcyclohexane	ND		5.6	0.85	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Methylene Chloride	ND		5.6	2.6	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Styrene	ND		5.6	0.28	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Tetrachloroethene	ND		5.6	0.75	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Toluene	ND		5.6	0.42	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
trans-1,2-Dichloroethene	ND		5.6	0.58	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
trans-1,3-Dichloropropene	ND		5.6	2.5	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Trichloroethene	ND		5.6	1.2	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Trichlorofluoromethane	ND		5.6	0.53	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Vinyl chloride	ND		5.6	0.68	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1
Xylenes, Total	ND		11	0.94	ug/Kg	☆	07/21/13 23:34	07/22/13 02:38	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (8")**

**Lab Sample ID: 480-42138-63**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 87.8**

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

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

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 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	ug/Kg	✱	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	ug/Kg	✱	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	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
4-Nitrophenol	ND		370	46	ug/Kg	✱	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	✱	07/19/13 07:51	07/23/13 21:13	1
Anthracene	ND		190	4.9	ug/Kg	✱	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	ug/Kg	✱	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	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Benzo(b)fluoranthene	ND		190	3.7	ug/Kg	✱	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	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Bis(2-ethylhexyl) phthalate	ND		190	62	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Butyl benzyl phthalate	ND		190	51	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Caprolactam	ND		190	83	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Carbazole	ND		190	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Chrysene	ND		190	1.9	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Di-n-butyl phthalate	ND		190	66	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1

TestAmerica Buffalo

# Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-42138-1

**Client Sample ID: SB7 (8")**

**Lab Sample ID: 480-42138-63**

**Date Collected: 07/17/13 11:30**

**Matrix: Solid**

**Date Received: 07/17/13 14:25**

**Percent Solids: 87.8**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND		190	4.5	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Dibenz(a,h)anthracene	ND		190	2.2	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Dibenzofuran	ND		190	2.0	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Diethyl phthalate	ND		190	5.8	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Dimethyl phthalate	ND		190	5.0	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Fluoranthene	ND		190	2.8	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Fluorene	ND		190	4.4	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Hexachlorobenzene	ND		190	9.5	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Hexachlorobutadiene	ND		190	9.8	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Hexachlorocyclopentadiene	ND		190	58	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Hexachloroethane	ND		190	15	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Indeno(1,2,3-cd)pyrene	ND		190	5.3	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Isophorone	ND		190	9.5	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
N-Nitrosodi-n-propylamine	ND		190	15	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
N-Nitrosodiphenylamine	ND		190	10	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Naphthalene	ND		190	3.2	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Nitrobenzene	ND		190	8.5	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Pentachlorophenol	ND		370	66	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Phenanthrene	ND		190	4.0	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Phenol	ND		190	20	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1
Pyrene	ND		190	1.2	ug/Kg	✱	07/19/13 07:51	07/23/13 21:13	1

Surrogate	%Recovery	Qualifier	Limits	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

## 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B5 (R) 2.5 FT**

**Lab Sample ID: 480-43507-1**

**Date Collected: 08/06/13 08:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 84.0**

### 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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B5 (R) 6FT**

**Lab Sample ID: 480-43507-2**

**Date Collected: 08/06/13 08:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**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	☼	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 (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.022	0.0090	mg/Kg	☼	08/09/13 08:20	08/09/13 11:53	1

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43507-1

**Client Sample ID: B5 (R) 8FT**

**Lab Sample ID: 480-43507-3**

**Date Collected: 08/06/13 08:45**

**Matrix: Solid**

**Date Received: 08/08/13 15:45**

**Percent Solids: 90.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.5		2.2	0.43	mg/Kg	☆	08/09/13 14:50	08/12/13 10:56	1

1

2

3

4

5

6

7

8

9

10

11

TestAmerica Buffalo



## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B7(1.6FT)**

**Lab Sample ID: 480-43265-9**

**Date Collected: 08/05/13 13:07**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 93.5**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	211		2.2	0.45	mg/Kg	☆	08/07/13 15:20	08/08/13 15:55	1

1

2

3

4

5

6

7

8

9

10

11

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B7(2FT)**

**Lab Sample ID: 480-43265-10**

**Date Collected: 08/05/13 13:07**

**Matrix: Solid**

**Date Received: 08/06/13 13:00**

**Percent Solids: 93.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	5.7		2.3	0.46	mg/Kg	☆	08/07/13 15:20	08/08/13 16:03	1

1

2

3

4

5

6

7

8

9

10

11

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.0		2.1	0.43	mg/Kg	☆	08/07/13 15:20	08/08/13 16:05	1

1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**Client Sample ID: B7(6FT)**

**Date Collected: 08/05/13 13:07**

**Date Received: 08/06/13 13:00**

**Lab Sample ID: 480-43265-12**

**Matrix: Solid**

**Percent Solids: 95.9**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.2		2.0	0.40	mg/Kg	☆	08/07/13 15:20	08/08/13 16:08	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43265-1

**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	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	8.9		2.2	0.45	mg/Kg	☆	08/07/13 15:20	08/08/13 16:11	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B8(R) 2.6ft**

**Lab Sample ID: 480-43456-18**

**Date Collected: 08/07/13 11:40**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 80.9**

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- 11

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

Analyte	Result	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

TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B8(R) 4ft**

**Lab Sample ID: 480-43456-19**

**Date Collected: 08/07/13 11:40**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 87.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.8		2.5	0.50	mg/Kg	☆	08/09/13 14:50	08/12/13 13:27	1

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TestAmerica Buffalo

## Client Sample Results

Client: New York State D.E.C.  
Project/Site: NYSDEC-Barker Chemical: Spill# 1212858

TestAmerica Job ID: 480-43456-1

**Client Sample ID: B8(R) 6ft**

**Lab Sample ID: 480-43456-20**

**Date Collected: 08/07/13 11:40**

**Matrix: Solid**

**Date Received: 08/07/13 14:55**

**Percent Solids: 89.1**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	4.6		2.4	0.48	mg/Kg	☆	08/09/13 14:50	08/12/13 13:30	1

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TestAmerica Buffalo



## **APPENDIX D**

### **ANALYTICAL DATA: CONFIRMATORY SAMPLES**

**FEBRUARY 26, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-01

Date Collected: 02/26/14 09:50

Client ID: F-1

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.9		mg/kg	0.48	0.10	1	02/27/14 09:01	02/27/14 10:48	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-02

Date Collected: 02/26/14 09:56

Client ID: F-2

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.7		mg/kg	0.45	0.09	1	02/27/14 09:01	02/27/14 11:24	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-03

Date Collected: 02/26/14 10:00

Client ID: W-1

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.3		mg/kg	0.52	0.10	1	02/27/14 09:01	02/27/14 11:27	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-04

Date Collected: 02/26/14 10:05

Client ID: W-2

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.9		mg/kg	0.53	0.11	1	02/27/14 09:01	02/27/14 11:31	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-05

Date Collected: 02/26/14 10:11

Client ID: W-3

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	21		mg/kg	0.51	0.10	1	02/27/14 09:01	02/27/14 11:35	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-06

Date Collected: 02/26/14 12:12

Client ID: F-3

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.2		mg/kg	0.45	0.09	1	02/27/14 09:01	02/27/14 11:39	EPA 3050B	1,6010C	MG





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-07

Date Collected: 02/26/14 12:20

Client ID: F-4

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	280		mg/kg	0.46	0.09	1	02/27/14 09:01	02/27/14 11:43	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404179**Project Number:** BEV-13-030**Report Date:** 02/27/14**SAMPLE RESULTS**

Lab ID: L1404179-08

Date Collected: 02/26/14 12:32

Client ID: W-4

Date Received: 02/26/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.3		mg/kg	0.46	0.09	1	02/27/14 09:01	02/27/14 11:46	EPA 3050B	1,6010C	MG



**FEBRUARY 28, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404397**Project Number:** BEV-13-030**Report Date:** 03/03/14**SAMPLE RESULTS**

Lab ID: L1404397-01

Date Collected: 02/28/14 09:15

Client ID: F-5

Date Received: 02/28/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.1		mg/kg	0.44	0.09	1	03/03/14 09:25	03/03/14 11:23	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404397**Project Number:** BEV-13-030**Report Date:** 03/03/14**SAMPLE RESULTS**

Lab ID: L1404397-02

Date Collected: 02/28/14 09:22

Client ID: F-6

Date Received: 02/28/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.2		mg/kg	0.44	0.09	1	03/03/14 09:25	03/03/14 12:01	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404397**Project Number:** BEV-13-030**Report Date:** 03/03/14**SAMPLE RESULTS**

Lab ID: L1404397-03

Date Collected: 02/28/14 09:28

Client ID: W-5

Date Received: 02/28/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.9		mg/kg	0.43	0.09	1	03/03/14 09:25	03/03/14 12:05	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404397**Project Number:** BEV-13-030**Report Date:** 03/03/14**SAMPLE RESULTS**

Lab ID: L1404397-04

Date Collected: 02/28/14 13:57

Client ID: F-7

Date Received: 02/28/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.2		mg/kg	0.44	0.09	1	03/03/14 09:25	03/03/14 12:08	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404397**Project Number:** BEV-13-030**Report Date:** 03/03/14**SAMPLE RESULTS**

Lab ID: L1404397-05

Date Collected: 02/28/14 14:05

Client ID: F-8

Date Received: 02/28/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.3		mg/kg	0.45	0.09	1	03/03/14 09:25	03/03/14 12:12	EPA 3050B	1,6010C	MG





**MARCH 3, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-01

Date Collected: 03/03/14 09:05

Client ID: W-6

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.1		mg/kg	0.49	0.10	1	03/04/14 09:14	03/04/14 11:36	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-02

Date Collected: 03/03/14 09:09

Client ID: W-7

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-03

Date Collected: 03/03/14 09:12

Client ID: W-8

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 63%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	66		mg/kg	0.59	0.12	1	03/04/14 09:14	03/04/14 12:17	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-04

Date Collected: 03/03/14 09:18

Client ID: F-9

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.8		mg/kg	0.55	0.11	1	03/04/14 09:14	03/04/14 12:21	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-05

Date Collected: 03/03/14 09:23

Client ID: F10

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.3		mg/kg	0.52	0.10	1	03/04/14 09:14	03/04/14 12:25	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-06

Date Collected: 03/03/14 09:32

Client ID: W-9

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-07

Date Collected: 03/03/14 09:37

Client ID: W-10

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.4		mg/kg	0.47	0.09	1	03/04/14 09:14	03/04/14 12:32	EPA 3050B	1,6010C	MG





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-08

Date Collected: 03/03/14 09:44

Client ID: F-11

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.0		mg/kg	0.44	0.09	1	03/04/14 09:14	03/04/14 12:36	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-09

Date Collected: 03/03/14 09:51

Client ID: F-12

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	2.8		mg/kg	0.45	0.09	1	03/04/14 09:14	03/04/14 12:40	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-10

Date Collected: 03/03/14 11:52

Client ID: W-11

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.7		mg/kg	0.46	0.09	1	03/04/14 09:14	03/04/14 12:43	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-11

Date Collected: 03/03/14 11:56

Client ID: W-12

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.2		mg/kg	0.45	0.09	1	03/04/14 09:14	03/04/14 12:47	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-12

Date Collected: 03/03/14 11:59

Client ID: W-13

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.2		mg/kg	0.46	0.09	1	03/04/14 09:14	03/04/14 12:59	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-13

Date Collected: 03/03/14 12:05

Client ID: F-13

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.7		mg/kg	0.49	0.10	1	03/04/14 09:14	03/04/14 13:02	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-14

Date Collected: 03/03/14 12:32

Client ID: F-14

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.7		mg/kg	0.44	0.09	1	03/04/14 09:14	03/04/14 13:06	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.8		mg/kg	0.46	0.09	1	03/04/14 09:14	03/04/14 13:10	EPA 3050B	1,6010C	MG





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report Date:** 03/04/14**SAMPLE RESULTS**

Lab ID: L1404454-16

Date Collected: 03/03/14 12:40

Client ID: W-15

Date Received: 03/03/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.3		mg/kg	0.44	0.09	1	03/04/14 09:14	03/04/14 13:14	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.5		mg/kg	0.45	0.09	1	03/04/14 09:14	03/04/14 13:17	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404454**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.6		mg/kg	0.45	0.09	1	03/04/14 09:14	03/04/14 13:21	EPA 3050B	1,6010C	MG



**MARCH 4, 2014**

**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-01

Date Collected: 03/04/14 14:05

Client ID: F16

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.1		mg/kg	0.44	0.09	1	03/05/14 09:33	03/05/14 11:29	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-02

Date Collected: 03/04/14 14:10

Client ID: F17

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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 CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.6		mg/kg	0.44	0.09	1	03/05/14 09:33	03/05/14 12:03	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-04

Date Collected: 03/04/14 14:20

Client ID: F19

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	11		mg/kg	0.45	0.09	1	03/05/14 09:33	03/05/14 12:11	EPA 3050B	1,6010C	TT





**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-05

Date Collected: 03/04/14 14:25

Client ID: F20

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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 CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-06

Date Collected: 03/04/14 14:30

Client ID: F21

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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 CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-07

Date Collected: 03/04/14 14:40

Client ID: W17

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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 CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-08

Date Collected: 03/04/14 08:05

Client ID: F4 RESAMPLE

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.2		mg/kg	0.43	0.09	1	03/05/14 09:33	03/05/14 12:26	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-09

Date Collected: 03/04/14 14:50

Client ID: F22

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404553**Project Number:** BEV-13-030**Report Date:** 03/05/14**SAMPLE RESULTS**

Lab ID: L1404553-10

Date Collected: 03/04/14 14:55

Client ID: F23

Date Received: 03/04/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.0		mg/kg	0.45	0.09	1	03/05/14 09:33	03/05/14 12:45	EPA 3050B	1,6010C	TT



**MARCH 5, 2014**

**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-01

Date Collected: 03/05/14 12:20

Client ID: F24

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.7		mg/kg	0.43	0.09	1	03/06/14 07:21	03/06/14 10:24	EPA 3050B	1,6010C	BC





**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-02

Date Collected: 03/05/14 12:25

Client ID: F25

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report 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: Not Specified

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.7		mg/kg	0.42	0.09	1	03/06/14 07:21	03/06/14 10:43	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-04

Date Collected: 03/05/14 12:35

Client ID: F27

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-05

Date Collected: 03/05/14 12:40

Client ID: W18

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.1		mg/kg	0.44	0.09	1	03/06/14 07:21	03/06/14 11:02	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-06

Date Collected: 03/05/14 12:45

Client ID: W19

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.2		mg/kg	0.44	0.09	1	03/06/14 07:21	03/06/14 11:06	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-07

Date Collected: 03/05/14 12:50

Client ID: W20

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.3		mg/kg	0.46	0.09	1	03/06/14 07:21	03/06/14 11:09	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-08

Date Collected: 03/05/14 12:55

Client ID: W21

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.8		mg/kg	0.46	0.09	1	03/06/14 07:21	03/06/14 11:13	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-09

Date Collected: 03/05/14 13:00

Client ID: W22

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.0		mg/kg	0.43	0.09	1	03/06/14 07:21	03/06/14 11:17	EPA 3050B	1,6010C	BC





**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-10

Date Collected: 03/05/14 13:05

Client ID: W23

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.1		mg/kg	0.44	0.09	1	03/06/14 07:21	03/06/14 11:21	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-11

Date Collected: 03/05/14 13:10

Client ID: W24

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.0		mg/kg	0.48	0.10	1	03/06/14 07:21	03/06/14 11:24	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.1		mg/kg	0.44	0.09	1	03/06/14 07:21	03/06/14 11:28	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL**Lab Number:** L1404672**Project Number:** BEV-13-030**Report Date:** 03/06/14**SAMPLE RESULTS**

Lab ID: L1404672-13

Date Collected: 03/05/14 15:40

Client ID: W25

Date Received: 03/05/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**MARCH 7, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-01

Date Collected: 03/07/14 11:00

Client ID: F-29

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.7		mg/kg	0.44	0.09	1	03/10/14 09:18	03/10/14 12:35	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-02

Date Collected: 03/07/14 11:07

Client ID: W-26

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.0		mg/kg	0.43	0.09	1	03/10/14 09:18	03/10/14 13:11	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-03

Date Collected: 03/07/14 11:11

Client ID: W-27

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	8.9		mg/kg	0.45	0.09	1	03/10/14 09:18	03/10/14 13:15	EPA 3050B	1,6010C	BC





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-04

Date Collected: 03/07/14 11:19

Client ID: W-28

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.0		mg/kg	0.46	0.09	1	03/10/14 09:18	03/10/14 13:19	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-05

Date Collected: 03/07/14 11:27

Client ID: F-30

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.6		mg/kg	0.45	0.09	1	03/10/14 09:18	03/10/14 13:23	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-06

Date Collected: 03/07/14 11:34

Client ID: F-31

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.1		mg/kg	0.42	0.08	1	03/10/14 09:18	03/10/14 13:26	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404887**Project Number:** BEV-13-030**Report Date:** 03/10/14**SAMPLE RESULTS**

Lab ID: L1404887-07

Date Collected: 03/07/14 11:44

Client ID: W-29

Date Received: 03/07/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.8		mg/kg	0.44	0.09	1	03/10/14 09:18	03/10/14 13:30	EPA 3050B	1,6010C	BC



**MARCH 10, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-01

Date Collected: 03/10/14 08:45

Client ID: F32

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	8.1		mg/kg	0.47	0.09	1	03/11/14 09:01	03/11/14 12:19	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-02

Date Collected: 03/10/14 08:51

Client ID: F33

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.5		mg/kg	0.46	0.09	1	03/11/14 09:01	03/11/14 12:34	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-03

Date Collected: 03/10/14 09:00

Client ID: W30

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.3		mg/kg	0.45	0.09	1	03/11/14 09:01	03/11/14 12:37	EPA 3050B	1,6010C	TT





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-04

Date Collected: 03/10/14 09:11

Client ID: W31

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-05

Date Collected: 03/10/14 09:17

Client ID: W32

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	8.9		mg/kg	0.46	0.09	1	03/11/14 09:01	03/11/14 12:58	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-06

Date Collected: 03/10/14 09:33

Client ID: W33

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough 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-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-07

Date Collected: 03/10/14 11:17

Client ID: F34

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.6		mg/kg	0.45	0.09	1	03/11/14 09:01	03/11/14 13:05	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-08

Date Collected: 03/10/14 11:23

Client ID: F35

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-09

Date Collected: 03/10/14 11:29

Client ID: W34

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.9		mg/kg	0.51	0.10	1	03/11/14 09:01	03/11/14 13:13	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-10

Date Collected: 03/10/14 11:34

Client ID: W35

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 70%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	34		mg/kg	0.56	0.11	1	03/11/14 09:21	03/11/14 11:18	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-11

Date Collected: 03/10/14 14:00

Client ID: F36

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-12

Date Collected: 03/10/14 14:08

Client ID: F37

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-13

Date Collected: 03/10/14 14:16

Client ID: W36

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.4		mg/kg	0.45	0.09	1	03/11/14 09:21	03/11/14 12:04	EPA 3050B	1,6010C	BC



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1404968**Project Number:** BEV-13-030**Report Date:** 03/11/14**SAMPLE RESULTS**

Lab ID: L1404968-14

Date Collected: 03/10/14 14:20

Client ID: W37

Date Received: 03/10/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.8		mg/kg	0.44	0.09	1	03/11/14 09:21	03/11/14 12:08	EPA 3050B	1,6010C	BC



**MARCH 11, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-01

Date Collected: 03/11/14 08:55

Client ID: F38

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.2		mg/kg	0.45	0.09	1	03/12/14 09:47	03/12/14 14:27	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-02

Date Collected: 03/11/14 09:02

Client ID: F39

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.7		mg/kg	0.44	0.09	1	03/12/14 09:47	03/12/14 14:55	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-03

Date Collected: 03/11/14 09:07

Client ID: W38

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.5		mg/kg	0.44	0.09	1	03/12/14 09:47	03/12/14 14:59	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-04

Date Collected: 03/11/14 09:12

Client ID: W39

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.4		mg/kg	0.44	0.09	1	03/12/14 09:47	03/12/14 15:02	EPA 3050B	1,6010C	JH





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-05

Date Collected: 03/11/14 09:17

Client ID: W40

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.2		mg/kg	0.46	0.09	1	03/12/14 09:47	03/12/14 15:06	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-06

Date Collected: 03/11/14 09:30

Client ID: F40

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.2		mg/kg	0.47	0.09	1	03/12/14 09:47	03/12/14 15:10	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-07

Date Collected: 03/11/14 09:37

Client ID: W41

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.0		mg/kg	0.45	0.09	1	03/12/14 09:47	03/12/14 15:14	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-08

Date Collected: 03/11/14 09:41

Client ID: W42

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.8		mg/kg	0.45	0.09	1	03/12/14 09:47	03/12/14 15:17	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-09

Date Collected: 03/11/14 09:46

Client ID: W43

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-10

Date Collected: 03/11/14 09:50

Client ID: W44

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.7		mg/kg	0.45	0.09	1	03/12/14 09:47	03/12/14 15:25	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-11

Date Collected: 03/11/14 11:40

Client ID: F41

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.2		mg/kg	0.46	0.09	1	03/12/14 09:47	03/12/14 15:36	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-12

Date Collected: 03/11/14 11:46

Client ID: F42

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-13

Date Collected: 03/11/14 11:50

Client ID: W45

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.4		mg/kg	0.44	0.09	1	03/12/14 09:47	03/12/14 15:44	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-14

Date Collected: 03/11/14 11:54

Client ID: W46

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.2		mg/kg	0.47	0.10	1	03/12/14 09:47	03/12/14 15:48	EPA 3050B	1,6010C	JH



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405075**Project Number:** BEV-13-030**Report Date:** 03/12/14**SAMPLE RESULTS**

Lab ID: L1405075-15

Date Collected: 03/11/14 11:58

Client ID: W47

Date Received: 03/11/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.5		mg/kg	0.43	0.09	1	03/12/14 09:47	03/12/14 15:52	EPA 3050B	1,6010C	JH



**MARCH 14, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-01

Date Collected: 03/14/14 08:34

Client ID: F43

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-02

Date Collected: 03/14/14 08:42

Client ID: F44

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.4		mg/kg	0.44	0.09	1	03/17/14 09:20	03/17/14 11:57	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-03

Date Collected: 03/14/14 08:47

Client ID: W48

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	9.8		mg/kg	0.45	0.09	1	03/17/14 09:20	03/17/14 12:00	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-04

Date Collected: 03/14/14 08:51

Client ID: W49

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.2		mg/kg	0.45	0.09	1	03/17/14 09:20	03/17/14 12:04	EPA 3050B	1,6010C	TT





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-05

Date Collected: 03/14/14 08:56

Client ID: W50

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	6.8		mg/kg	0.45	0.09	1	03/17/14 09:20	03/17/14 12:30	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-06

Date Collected: 03/14/14 09:50

Client ID: F45

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.3		mg/kg	0.46	0.09	1	03/17/14 09:20	03/17/14 12:34	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-07

Date Collected: 03/14/14 09:56

Client ID: F46

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report Date:** 03/17/14**SAMPLE RESULTS**

Lab ID: L1405419-08

Date Collected: 03/14/14 13:25

Client ID: F47

Date Received: 03/14/14

Sample Location: BARKER, NEW YORK

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	7.1		mg/kg	0.45	0.09	1	03/17/14 09:20	03/17/14 12:41	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405419**Project Number:** BEV-13-030**Report 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%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**MARCH 17, 2014**

**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-01

Date Collected: 03/17/14 09:10

Client ID: F49

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.7		mg/kg	0.45	0.09	1	03/17/14 09:21	03/18/14 11:11	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-02

Date Collected: 03/17/14 09:16

Client ID: F50

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.0		mg/kg	0.45	0.09	1	03/17/14 09:21	03/18/14 11:26	EPA 3050B	1,6010C	MG





**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-04

Date Collected: 03/17/14 09:36

Client ID: W51

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.9		mg/kg	0.43	0.09	1	03/17/14 09:21	03/18/14 11:45	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-05

Date Collected: 03/17/14 11:44

Client ID: F51

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.8		mg/kg	0.44	0.09	1	03/17/14 09:21	03/18/14 11:49	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-06

Date Collected: 03/17/14 11:51

Client ID: F52

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.9		mg/kg	0.44	0.09	1	03/17/14 09:21	03/18/14 11:53	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-07

Date Collected: 03/17/14 11:56

Client ID: W52

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.4		mg/kg	0.46	0.09	1	03/17/14 09:21	03/18/14 11:57	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-08

Date Collected: 03/17/14 12:00

Client ID: W53

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.5		mg/kg	0.45	0.09	1	03/17/14 09:21	03/18/14 12:01	EPA 3050B	1,6010C	MG



**Project Name:** BARKER CHEMICAL-NYSDEC**Lab Number:** L1405540**Project Number:** BEV-13-030**Report Date:** 03/18/14**SAMPLE RESULTS**

Lab ID: L1405540-03

Date Collected: 03/17/14 09:23

Client ID: W54

Date Received: 03/17/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	2.5		mg/kg	0.46	0.09	1	03/17/14 09:21	03/18/14 11:30	EPA 3050B	1,6010C	MG



**MARCH 18, 2014**

**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-01

Date Collected: 03/18/14 09:00

Client ID: F53

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.9		mg/kg	0.43	0.09	1	03/19/14 09:13	03/19/14 11:42	EPA 3050B	1,6010C	TT





**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-02

Date Collected: 03/18/14 09:12

Client ID: F54

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.5		mg/kg	0.43	0.09	1	03/19/14 09:13	03/19/14 12:14	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-03

Date Collected: 03/18/14 09:20

Client ID: W55

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-04

Date Collected: 03/18/14 09:27

Client ID: W56

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.5		mg/kg	0.45	0.09	1	03/19/14 09:13	03/19/14 12:22	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-05

Date Collected: 03/18/14 13:36

Client ID: F55

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.4		mg/kg	0.44	0.09	1	03/19/14 09:13	03/19/14 12:26	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-06

Date Collected: 03/18/14 13:45

Client ID: F56

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	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 - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-07

Date Collected: 03/18/14 13:50

Client ID: W57

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.9		mg/kg	0.44	0.09	1	03/19/14 09:13	03/19/14 12:41	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-08

Date Collected: 03/18/14 13:57

Client ID: W58

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.4		mg/kg	0.45	0.09	1	03/19/14 09:13	03/19/14 12:45	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-09

Date Collected: 03/18/14 11:12

Client ID: F57

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	5.0		mg/kg	0.47	0.10	1	03/19/14 09:13	03/19/14 12:49	EPA 3050B	1,6010C	TT





**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-10

Date Collected: 03/18/14 11:18

Client ID: F58

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.5		mg/kg	0.45	0.09	1	03/19/14 09:13	03/19/14 12:53	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-11

Date Collected: 03/18/14 11:30

Client ID: W59

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.9		mg/kg	0.46	0.09	1	03/19/14 09:13	03/19/14 13:14	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-12

Date Collected: 03/18/14 11:38

Client ID: W60

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
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 - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-13

Date Collected: 03/18/14 11:42

Client ID: W61

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	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 - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-14

Date Collected: 03/18/14 11:51

Client ID: W62

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	4.2		mg/kg	0.46	0.09	1	03/19/14 09:13	03/19/14 13:25	EPA 3050B	1,6010C	TT



**Project Name:** BARKER CHEMICAL - NYSDEC**Lab Number:** L1405633**Project Number:** BEV-13-030**Report Date:** 03/19/14**SAMPLE RESULTS**

Lab ID: L1405633-15

Date Collected: 03/18/14 12:10

Client ID: W63

Date Received: 03/18/14

Sample Location: BARKER, NY

Field Prep: Not Specified

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Arsenic, Total	3.7		mg/kg	0.43	0.09	1	03/19/14 09:13	03/19/14 13:29	EPA 3050B	1,6010C	TT

