APPENDIX D

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP MW1

DATE STARTED: 6/4/2013 DATE COMPLETED: 6/4/2013 RECORDED BY: MP and DCC

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: 10.29 ft. BTOC

WEATHER: ~65° F, Sunny DRILL RIG: Diedrich D120 DRILLER: Earth Dimensions

DRILL SIZE/TYPE: 4.25 inch hollow stem auger SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.5	0.5-2	SS	-/26/16/10		12	0-0.5 ft: Asphalt
2	0.1	2-4	SS	10/25/17/11		17	0.5-2 ft: Brown sand (fine, medium, loose, dry) (red brick, gravel fill)
3	0.7	4-6	SS	17/16/19/17		22	2-8 ft: Light tan sand (very fine, loose, dry)
4	0.4	6-8	SS	13/18/20/28		18	8-10 ft: Light tan sand (very fine, medium-dense, dry)
5	0.3	8-10	SS	13/22/29/30		22	10-18 ft: Light tan sand (very fine, medium-dense, wet)
6	0.0	10-12	SS	14/10/19/13		4	
7	0.3	12-14	SS	6/8/7/9		16	
8	0.0	14-16	SS	3/8/10/13		18	
9	0.1	16-18	SS	3/11/24/29		24	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. BTOC = feet below top of casing
Fill to ~2 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP MW2

DATE STARTED: 6/4/2013 DATE COMPLETED: 6/4/2013 RECORDED BY: MP and DCC

GROUNDWATER DEPTH WHILE DRILLING: ~11 ft. bgs AFTER COMPLETION: 11.73 ft. BTOC

WEATHER: ~65° F, Sunny DRILL RIG: Diedrich D120 DRILLER: Earth Dimensions

DRILL SIZE/TYPE: 4.25 inch hollow stem auger SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.9	0.5-2	SS	-/10/3/4		14	0-0.5 ft: Asphalt
2	0.9	2-4	SS	2/4/4/5		21	0.5-2 ft: Brown sand (fine, medium, loose, dry)
3	0.9	4-6	SS	6/11/19/17		20	2-5 ft: Brown-red clay (no plasticity, stiff, dry)
4	0.9	6-8	SS	9/12/15/17		20	5-6 ft: Brown-red sandy silt (no plasticity, moist)
5	0.9	8-10	SS	11/15/17/18		20	6-11 ft: Brown-red silty sand (very fine, loose, moist)
6	0.7	10-12	SS	10/19/20/20		20	11-12 ft: Brown-red silty sand (very fine, loose, wet)
7	0.6	12-14	SS	10/14/26/32		18	12-18 ft: Brown-red silty sand (very fine, medium-dense, wet)
8	0.6	14-16	SS	9/12/14/17		22	
9	1.2	16-18	SS	5/13/26/27		18	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. BTOC = feet below top of casing
Fill to ~5 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP MW3

DATE STARTED: 6/5/2013 DATE COMPLETED: 6/5/2013 RECORDED BY: MP and DCC

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: 10.32 ft. BTOC

WEATHER: ~60° F, Sunny DRILL RIG: Diedrich D120 DRILLER: Earth Dimensions

DRILL SIZE/TYPE: 4.25 inch hollow stem auger SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.5	1-2	SS	-/57/12/14		14	0-1 ft: Asphalt
2	0.6	2-4	SS	12/10/9/9		1	1-2 ft: Dark brown gravelly sandy silt (no plasticity, dry)
3	2.1	4-6	SS	4/5/3/4		20	2-4 ft: Brown sand (fine, medium, loose, dry)
4	0.9	6-8	SS	4/3/4/4		20	4-10 ft: Red-brown sand (very fine, loose, dry)
5	1.2	8-10	SS	2/2/7/9		18	10-18 ft: Red-brown sand (very fine, loose, wet)
6	0.8	10-12	SS	7/9/9/10		21	
7	2.0	12-14	SS	5/8/9/11		21	
8	0.9	14-16	SS	1/2/4/5		16	
9	0.7	16-18	SS	1/2/3/5		14	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. BTOC = feet below top of casing

Fill to ~4 ft. bgs
Very faint petroleum-type odors detected at ~10 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP MW4

DATE STARTED: 6/5/2013 DATE COMPLETED: 6/5/2013 RECORDED BY: MP and DCC

GROUNDWATER DEPTH WHILE DRILLING: ~12 ft. bgs AFTER COMPLETION: 11.63 ft. BTOC

WEATHER: ~60° F, Cloudy DRILL RIG: Diedrich D120 DRILLER: Earth Dimensions

DRILL SIZE/TYPE: 4.25 inch hollow stem auger SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.3	0.5-2	SS	-/21/7/4		15	0-0.5 ft: Asphalt
2	2.4	2-4	SS	2/3/4/6		14	0.5-2 ft: Dark brown sandy silt (no plasticity, dry)
3	2.7	4-6	SS	4/6/10/11		18	2-5 ft: Brown-red clay (low plasticity, stiff, dry)
4	3.6	6-8	SS	5/10/16/21		22	5-12 ft: Light brown sand (very fine, loose, moist)
5	4.7	8-10	SS	6/18/24/26		20	12-20 ft: Light brown sand (very fine, loose, wet)
6	4.6	10-12	SS	16/24/35/37		20	
7	4.0	12-14	SS	12/28/39/43		23	
8	2.2	14-16	SS	15/28/33/54		23	
9	0.3	16-18	SS	13/14/14/11		22	
10	0.3	18-20	SS	15/12/20/23		23	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. BTOC = feet below top of casing

Fill to ~5 ft. bgs
Very faint petroleum-type odors detected at ~8-9 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP MW5

DATE STARTED: 6/6/2013 DATE COMPLETED: 6/6/2013 RECORDED BY: MP and DCC

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: 9.47 ft. BTOC

WEATHER: ~60° F, Light Rain DRILL RIG: Diedrich D120 DRILLER: Earth Dimensions

DRILL SIZE/TYPE: 4.25 inch hollow stem auger SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.0	1-2	SS	1/6/31/16		10	0-1 ft: Asphalt
2	0.5	2-4	SS	5/3/4/6		10	1-2 ft: Dark brown-black sand and gravel fill
3	0.4	4-6	SS	5/9/14/15		20	2-4 ft: Dark brown-red clay (low plasticity, stiff, moist)
4	1.0	6-8	SS	5/10/10/13		24	4-6 ft: Dark brown-red clay (low plasticity, very stiff, moist)
5	178	8-10	SS	4/9/11/10		24	6-10 ft: Dark brown-red clay (low plasticity, stiff, moist)
6	121	10-12	SS	3/7/9/11		24	10-18 ft: Brown silty sand (very fine, medium-dense, wet)
7	0.8	12-14	SS	4/7/10/12		20	
8	0.7	14-16	SS	10/13/14/8		20	
9	0.5	16-18	SS	7/7/7/9		20	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. BTOC = feet below top of casing

Fill to ~4 ft. bgs
Petroleum-type odors detected at ~9-12 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP BH9

DATE STARTED: 6/25/2013 DATE COMPLETED: 6/25/2013 RECORDED BY: MP and JMR

GROUNDWATER DEPTH WHILE DRILLING: ~2 ft. below basement floor AFTER COMPLETION: NA

WEATHER: ~70° F, Overcast DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.9	0-2	U	-	-	3	0-0.5 ft: Concrete
2	1.6	2-4	U	-	-	24	0.5-2 ft: Brown silty sand (fine, loose, dry) (red brick)
3	0.8	4-6	U	-	-	24	2-6 ft: Brown sand (fine, loose, wet)

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
Fill to ~2 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP BH10

DATE STARTED: 6/25/2013 DATE COMPLETED: 6/25/2013 RECORDED BY: MP and JMR

GROUNDWATER DEPTH WHILE DRILLING: ~2 ft. below basement floor AFTER COMPLETION: NA

WEATHER: ~70° F, Rain DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.8	0-2	U	-	-	3	0-0.5 ft: Concrete
2	1.6	2-4	U	-	-	24	0.5-2 ft: Brown silty sand (fine, loose, dry) (red brick)
3	1.7	4-6	U	-	-	24	2-6 ft: Brown sand (fine, loose, wet)

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
Fill to ~2 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 250 Delaware Avenue, Buffalo, New York
PROJECT No. 12B2170.26 BCP ID C915271

CLIENT: DNC 250, Inc.
BORING/WELL No. BCP BH11

DATE STARTED: 6/25/2013 DATE COMPLETED: 6/25/2013 RECORDED BY: MP and JMR

GROUNDWATER DEPTH WHILE DRILLING: ~2 ft. below basement floor AFTER COMPLETION: NA

WEATHER: ~70° F, Overcast DRILL RIG: Geoprobe DRILLER: TREC

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

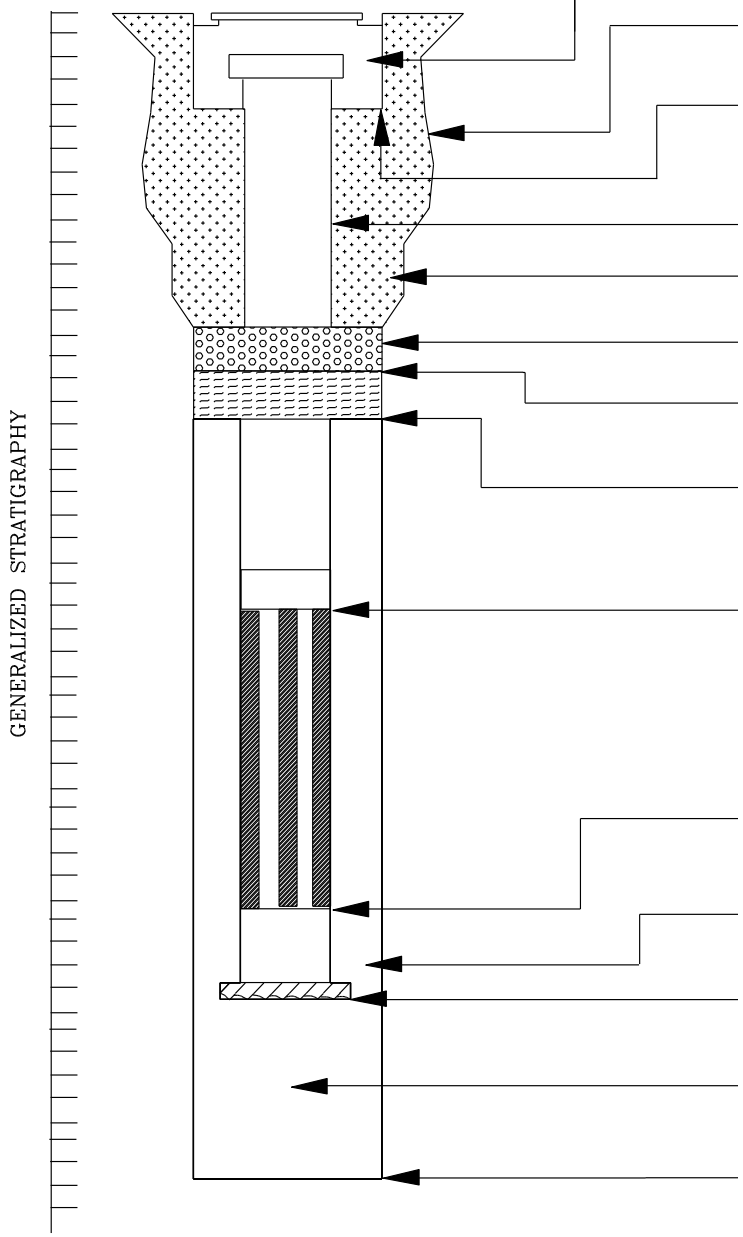
Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.1	0-2	U	-	-	6	0-0.5 ft: Concrete
2	1.5	2-4	U	-	-	24	0.5-2 ft: Brown gravel (fine, loose, moist) (red brick)
3	2.4	4-6	U	-	-	24	2-6 ft: Brown sand (fine, loose, wet)

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
Fill to ~2 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	250 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW1
DATE COMPLETED:	6/4/2013	SUPERVISED BY:	MP and DCC



REFERENCE POINT
Elevation/Depth: 611.73 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 1.0 ft. BTOC

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.0 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 5.0 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.0 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.0 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 17.1 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 17.1 ft. BTOC

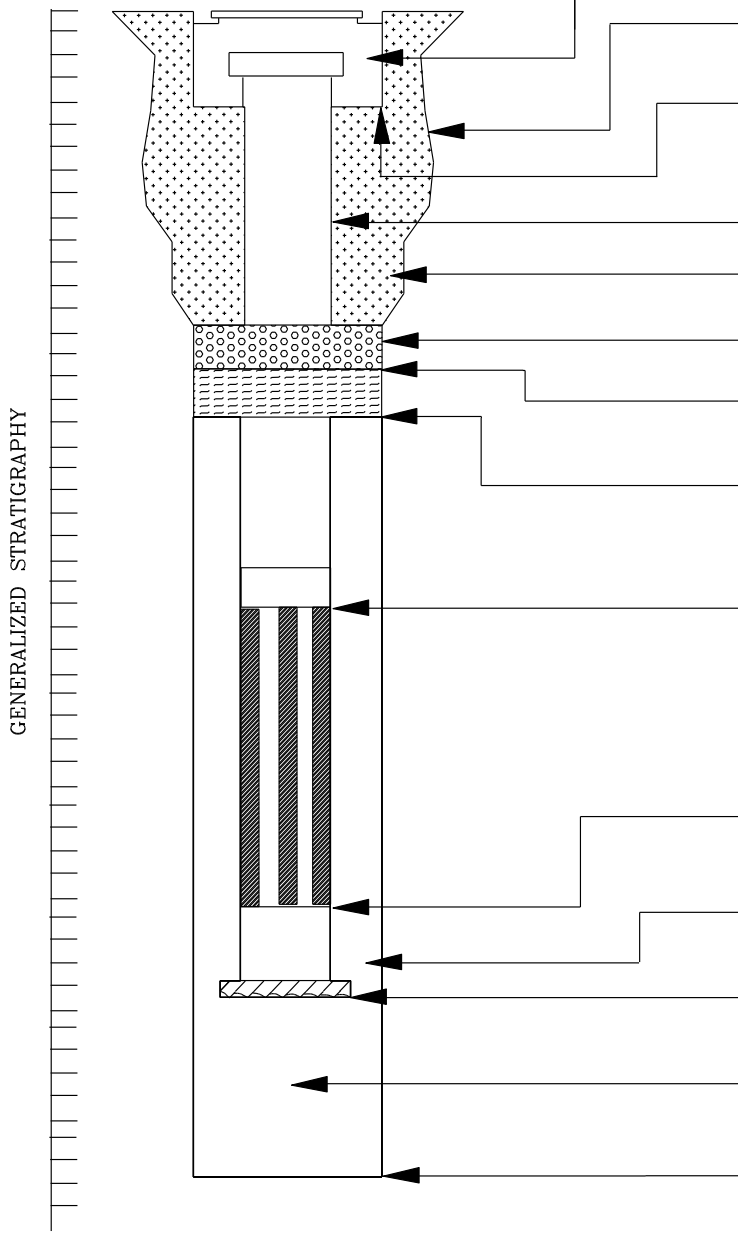
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 18 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	250 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW2
DATE COMPLETED:	6/4/2013	SUPERVISED BY:	MP and DCC



REFERENCE POINT
Elevation/Depth: 613.71 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 1.0 ft. BTOC

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.9 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 5.9 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.9 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.9 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 18.0 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 18.0 ft. BTOC

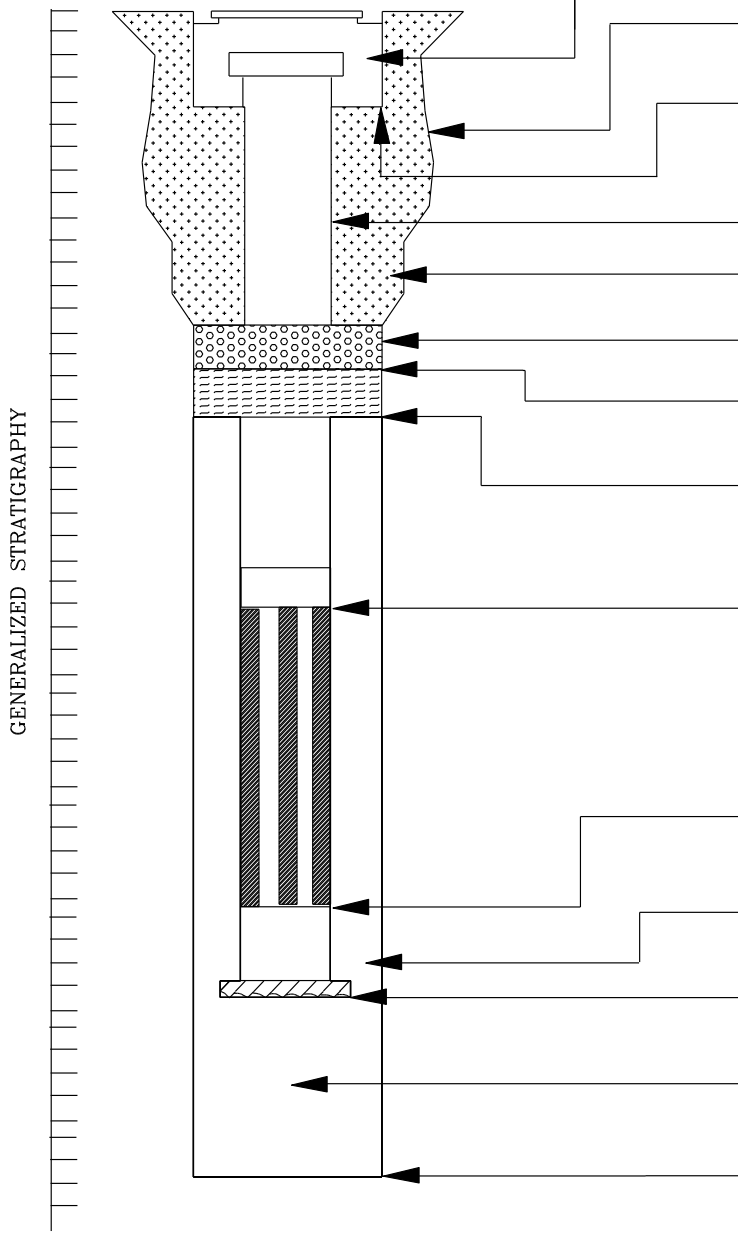
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 18 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	250 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW3
DATE COMPLETED:	6/5/2013	SUPERVISED BY:	MP and DCC



REFERENCE POINT
Elevation/Depth: 611.51 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 1.0 ft. BTOC

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.8 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 5.8 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.8 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.8 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 17.9 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 17.9 ft. BTOC

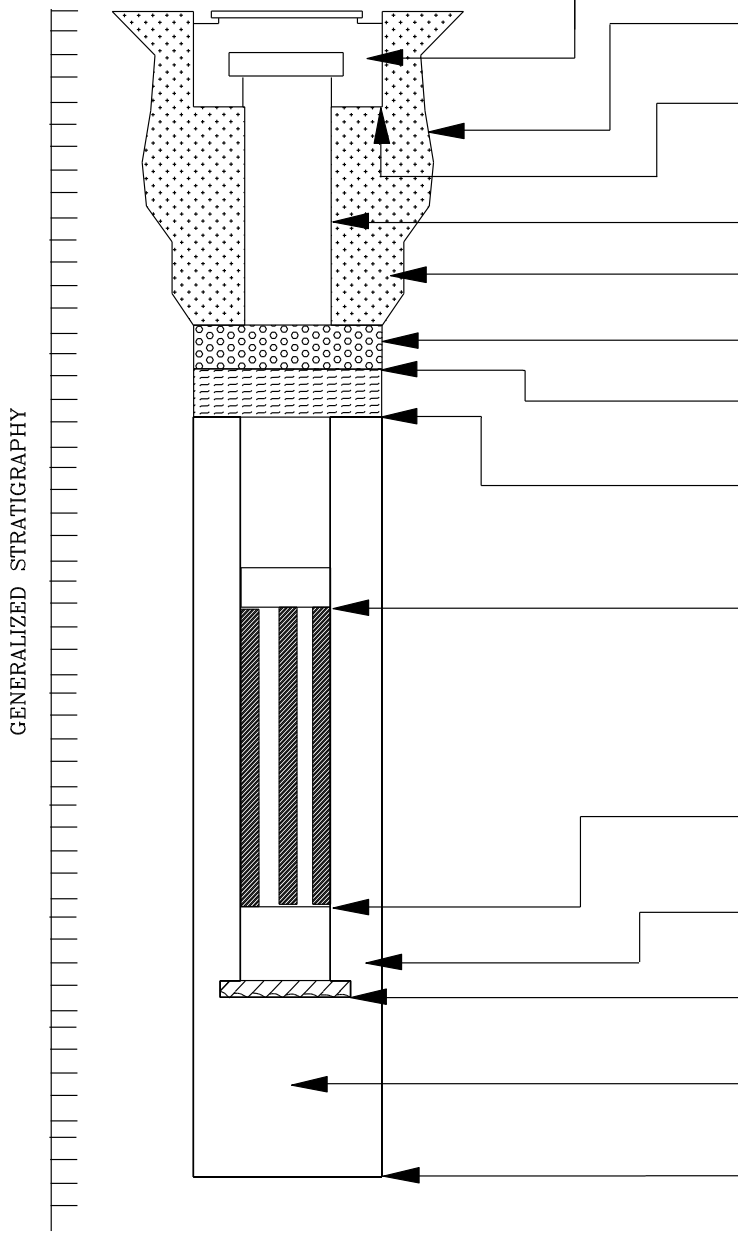
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 18 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	250 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW4
DATE COMPLETED:	6/5/2013	SUPERVISED BY:	MP and DCC



REFERENCE POINT
Elevation/Depth: 613.43 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 1.0 ft. BTOC

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 4.4 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 7.4 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 9.4 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 19.4 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 19.5 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 19.5 ft. BTOC

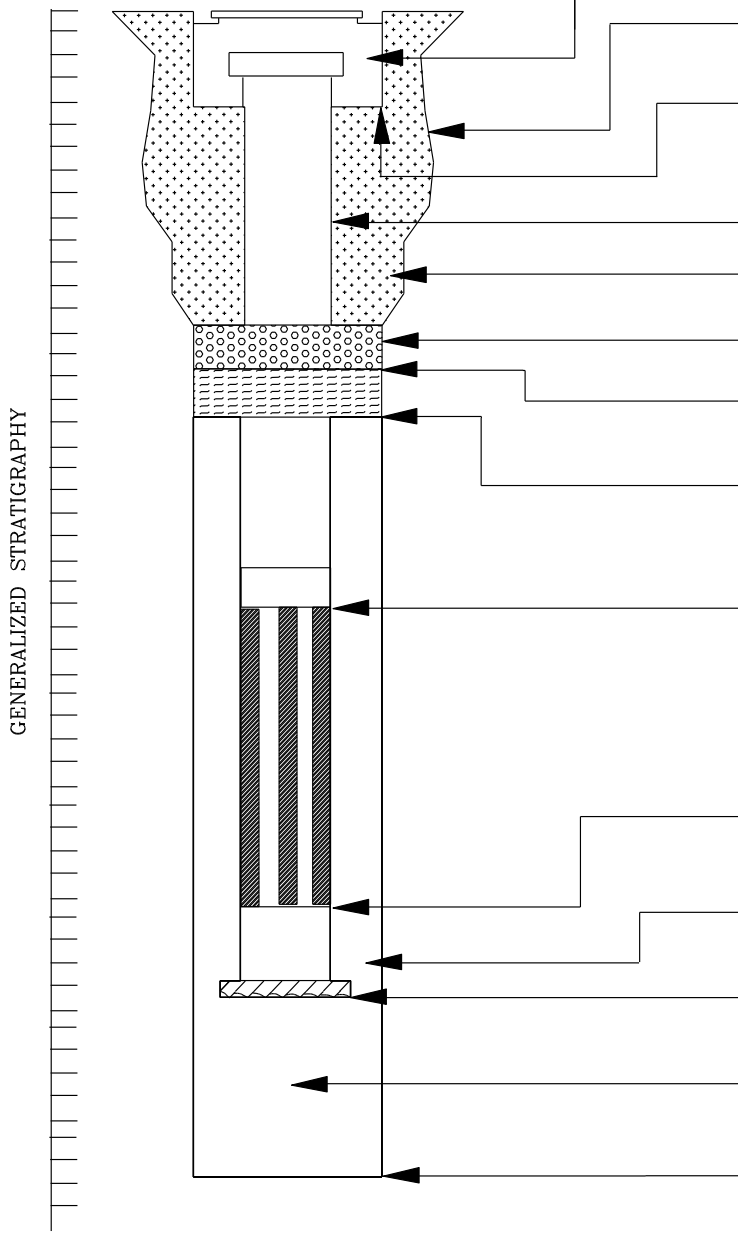
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 20 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	250 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW5
DATE COMPLETED:	6/6/2013	SUPERVISED BY:	MP and DCC



REFERENCE POINT
Elevation/Depth: 612.28 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 1.0 ft. BTOC

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.9 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 5.9 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.9 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 17.9 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 18.0 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 18.0 ft. BTOC

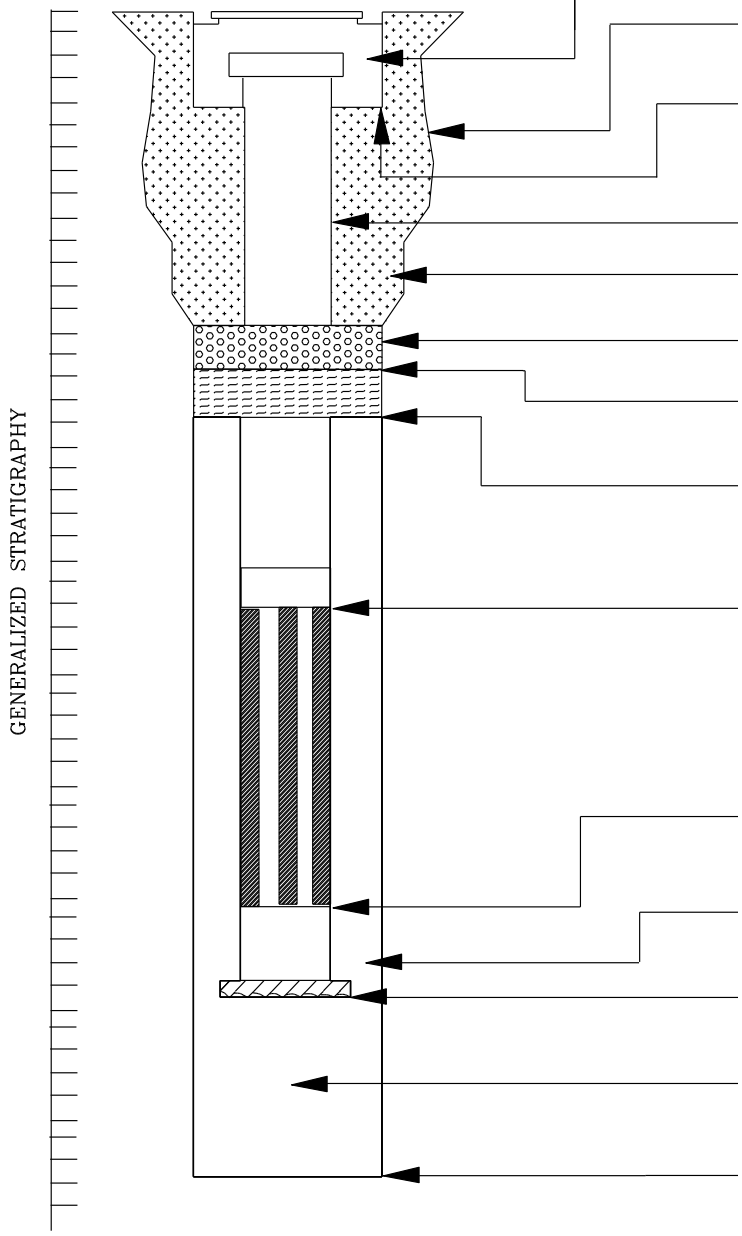
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 18 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	239-241 South Elmwood and 139 West Chippewa	PROJECT No.	01B1032.22
CLIENT:	Delaware Court Partnership	WELL No.	TPMW5
DATE COMPLETED:	6/3/2002	SUPERVISED BY:	APS



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.75 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.0 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.0 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

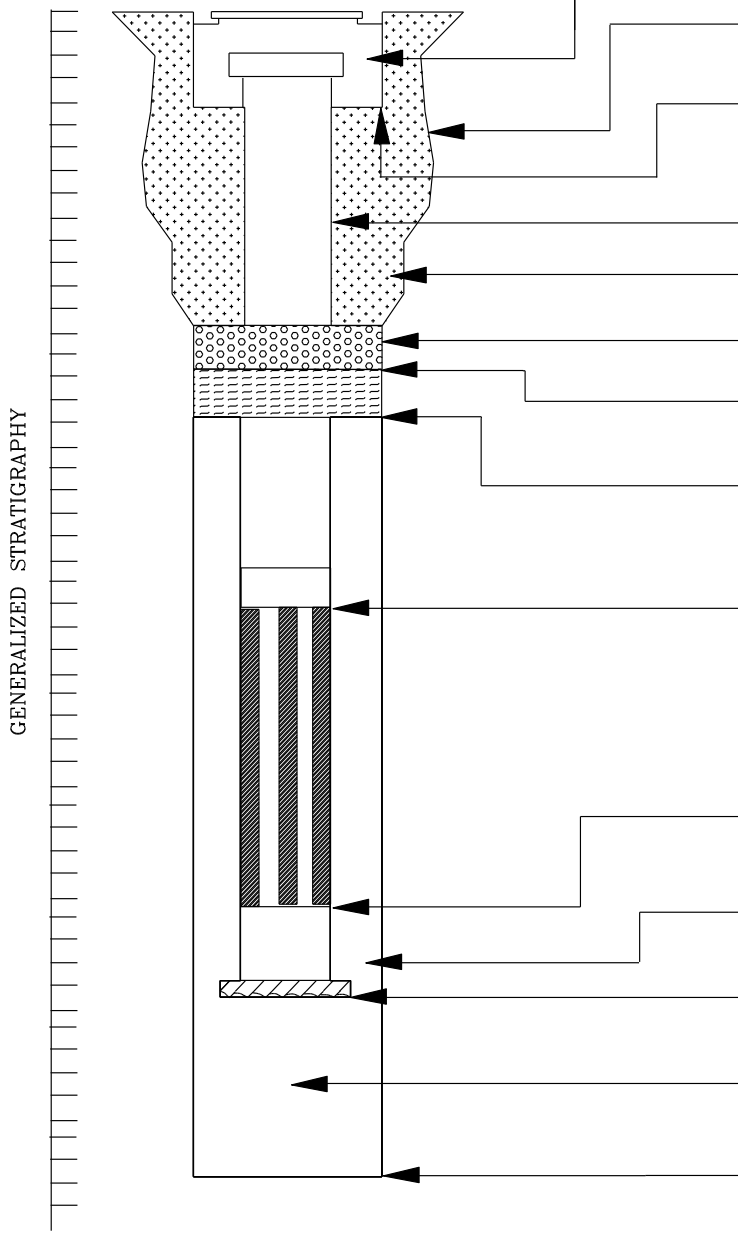
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 15.2 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	239-241 South Elmwood and 139 West Chippewa	PROJECT No.	01B1032.22
CLIENT:	Delaware Court Partnership	WELL No.	TPMW6
DATE COMPLETED:	6/3/2002	SUPERVISED BY:	APS



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.75 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.0 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.0 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

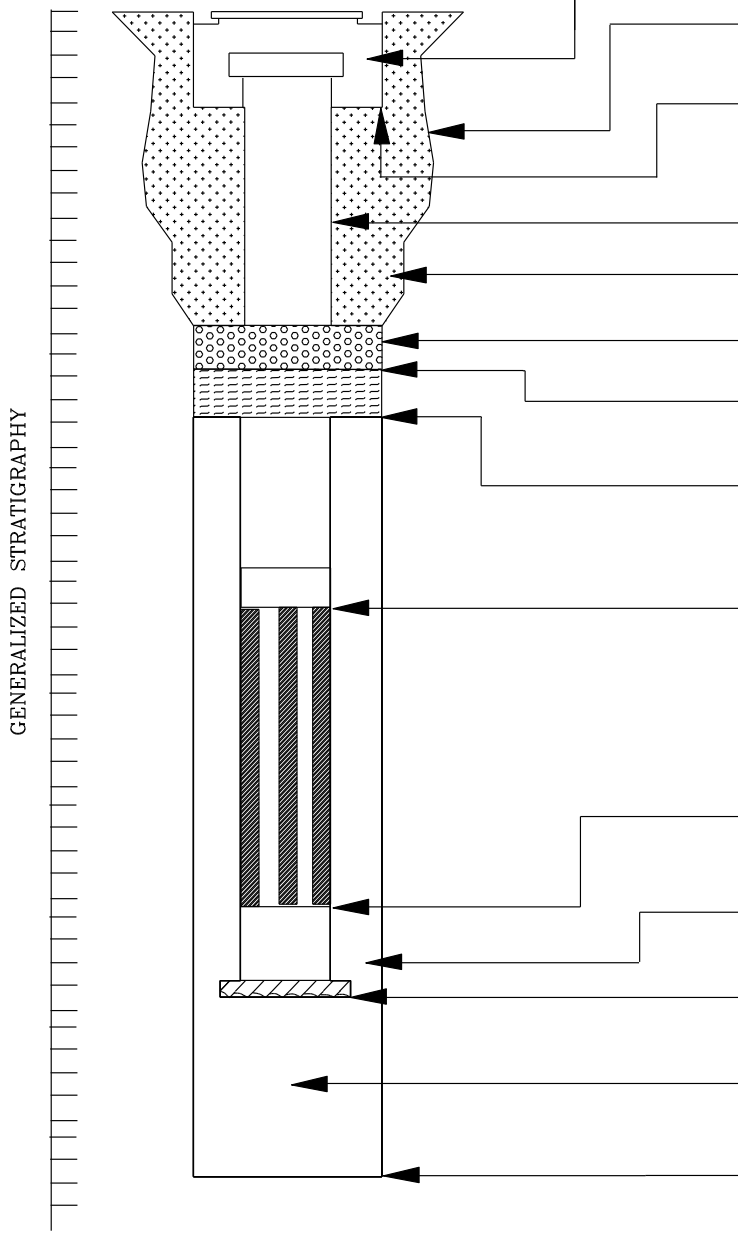
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 15.2 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	239-241 South Elmwood and 139 West Chippewa	PROJECT No.	01B1032.22
CLIENT:	Delaware Court Partnership	WELL No.	TPMW16
DATE COMPLETED:	6/5/2002	SUPERVISED BY:	APS



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft. bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 0.75 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.0 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.0 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft. bgs

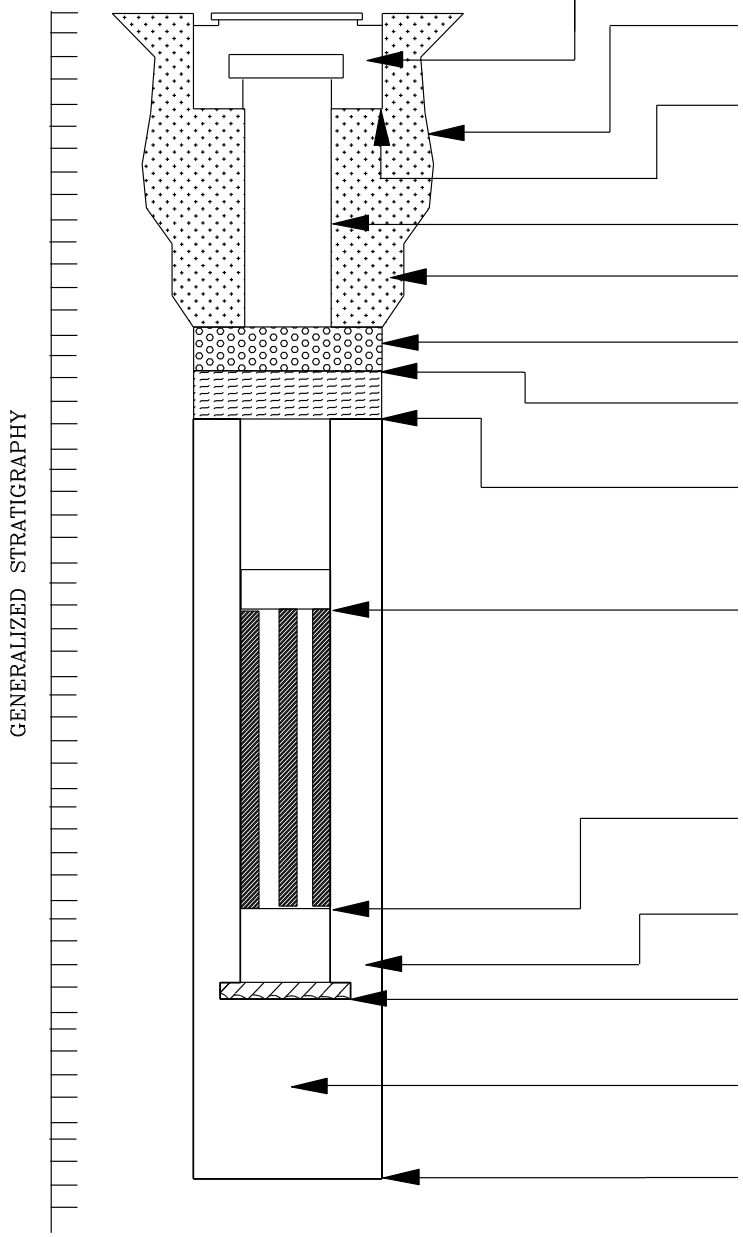
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 15.2 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	233 South Elmwood Avenue and 234 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW6
DATE COMPLETED:	4/28/2014	SUPERVISED BY:	JMR



REFERENCE POINT
Elevation/Depth: 613.56 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 0.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 9.7 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 12.7 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 14.6 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 24.6 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 24.7 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 24.7 ft. BTOC

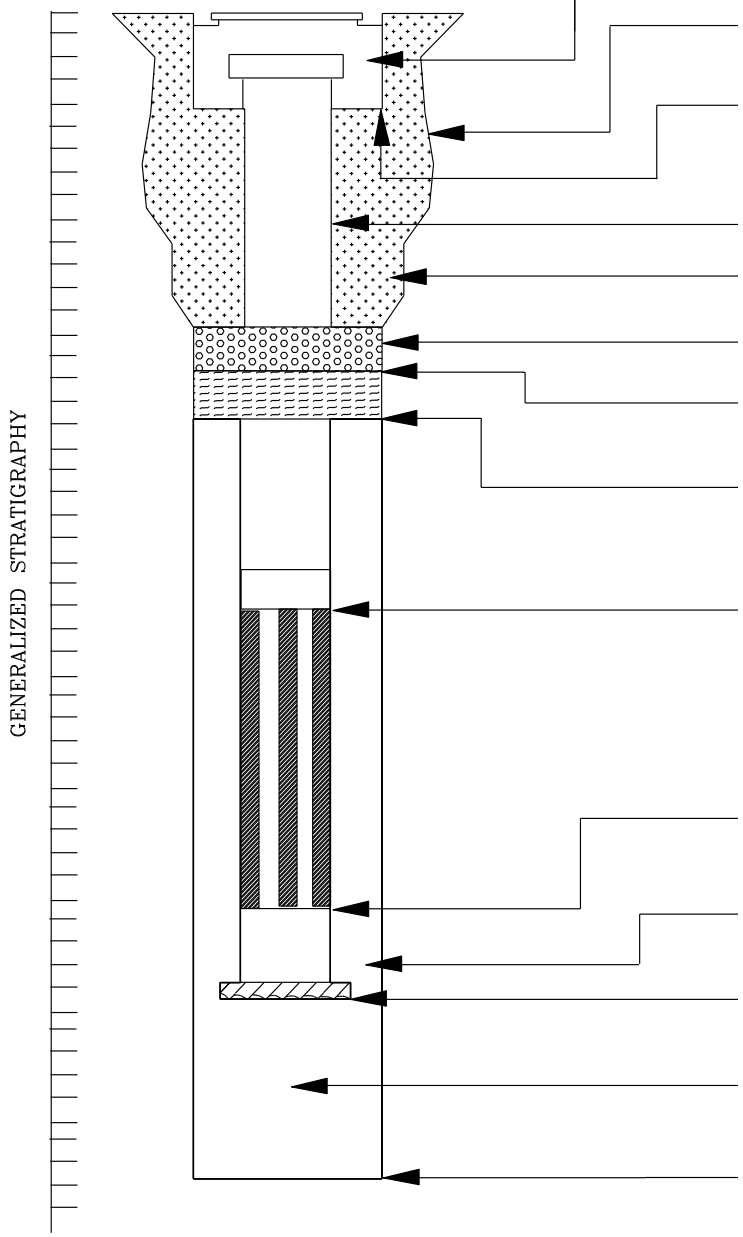
TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 22 ft. bgs

NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	233 South Elmwood Avenue and 234 Delaware Avenue, Buffalo, New York	PROJECT No.	12B2170.26 BCP ID C915271
CLIENT:	DNC 250, Inc.	WELL No.	BCP-MW8
DATE COMPLETED:	4/28/2014	SUPERVISED BY:	JMR



REFERENCE POINT
Elevation/Depth: 612.16 ft. NAVD88

SURFACE SEAL
Type/Depth: Cement

DEPTH OF SURFACE CASING: 0.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 7.7 ft. BTOC
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 10.7 ft. BTOC
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 12.6 ft. BTOC
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 22.6 ft. BTOC

BOTTOM OF FILTER PACK
Elevation/Depth: 22.7 ft. BTOC

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.7 ft. BTOC

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 20 ft. bgs

NOTES

DATE
START 4/1/2014
FINISH 4/1/2014
SHEET 1 OF 1

SJB SERVICES, INC.
SUBSURFACE LOG

BCP-MW7

HOLE NO. B-10
SURF. ELEV 610.2'
G.W. DEPTH See Notes

PROJECT: GROUNDWATER INVESTIGATION
PROJ. NO.: BE-14-050
LOCATION: 250 DELAWARE AVE.
BUFFALO, NY

DEPTH FT.	SMPL NO.	BLOWS ON SAMPLER 0/6	6/12	12/18	N	SOIL OR ROCK CLASSIFICATION	NOTES
	1	1	4			Gray Crushed STONE (moist, FILL)	
		5	5		9		
	2	3	6			Red-Brown Clayey SILT, tr.sand (moist, stiff, ML)	
		5	7		11		
5	3	5	6			Becomes Brown-Gray, Contains little fine Sand	
		8	8		14		
	4	4	8				
		10	9		18	(v.stiff)	
	5	7	11			Brown-Gray fine SAND, some Silt (moist-wet, firm, SM)	
10		8	7		19		
	6	6	16			Contains occasional f-m Sand lenses (compact)	
		18	20		34		
	7	4	7				
		8	11		15	(firm)	
15	8	8	10				
		11	10		21		
	9	4	3			(loose)	Free Standing Water recorded at 10.0' at Boring Completion.
		5	5		8		
						Boring Complete at 18.0'	2" PVC Well installed at Boring Completion. Refer to installation log for details
20							

PRELIMINARY

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

CLASSIFIED BY: Geologist

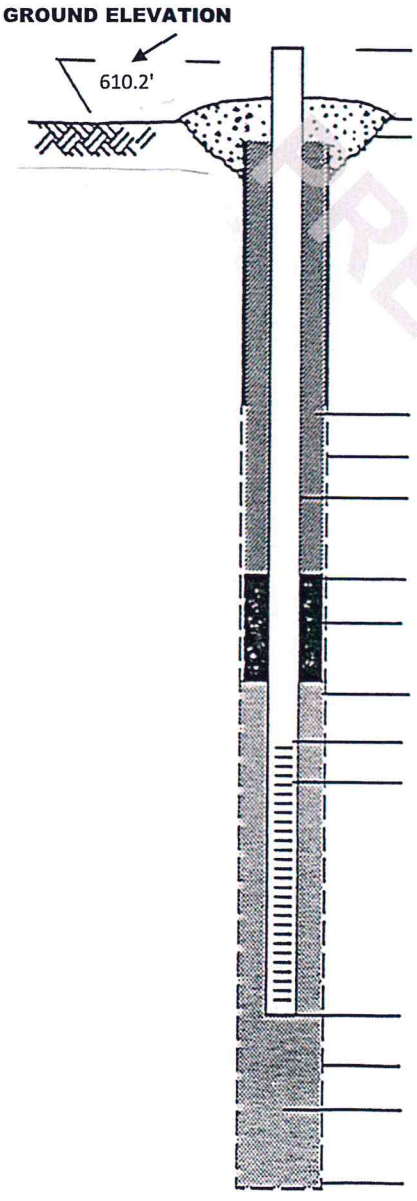
DRILLER: A. JAKUBCZAK

DRILL RIG TYPE : CME-550X

METHOD OF INVESTIGATION ASTM D-1586 USING HOLLOW STEM AUGERS

MONITORING WELL COMPLETION RECORD

WELL NUMBER: B-10	
PROJECT: GROUNDWATER INVESTIGATION	**DRILLING METHOD:** ASTM D-1586 USING HOLLOW STEM AUGERS
PROJECT NUMBER: BE-14-050	**GEOLOGIST:**
DRILLER: A. JAKUBCZAK	**INSTALLATION DATE(S):** 4/1/2014



ELEVATION/TOP OF RISER PIPE:	613.02'
STICK- UP/ TOP OF RISER PIPE:	2.8'
TYPE OF SURFACE SEAL:	SOIL
TYPE OF BACKFILL:	AUGER CUTTINGS
BOREHOLE DIAMETER:	+/- 8"
I.D. OF RISER PIPE:	2.0"
TYPE OF RISER PIPE:	PVC
DEPTH OF SEAL:	4.0'
TYPE OF SEAL:	BENTONITE CHIPS
DEPTH OF SAND PACK:	6.0'
DEPTH OF TOP OF SCREEN:	6.7'
TYPE OF SCREEN:	PVC
SLOT SIZE X LENGTH:	.010 X 10.0'
I.D. OF SCREEN:	2.0"
TYPE OF SAND PACK:	MORIE "O" FILTER SAND
DEPTH BOTTOM OF SCREEN:	16.7'
DEPTH BOTTOM OF SAND PACK:	18.0'
TYPE OF BACKFILL BELOW OBSERVATION WELL:	N/A
ELEVATION/ DEPTH OF HOLE:	18.0'

PRELIMINARY

APPENDIX E

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Technical Support, 11th Floor
625 Broadway, Albany, NY 12233-7020
Phone: (518) 402-9543 • Fax: (518) 402-9547
Website: www.dec.ny.gov

Joe Martens
Commissioner

JAN 31 2013

Carl J. Montante
BTC Block 20 Inc.
100 Corporate Parkway #500
Amherst, New York 14226

RE: Brownfield Cleanup Application
233 South Elmwood Avenue and
234 Delaware Avenue
BCP ID C915271

Dear Mr. Montante:

The New York State Department of Environmental Conservation (Department) has received your application for participation in the Brownfield Cleanup Program (BCP) pursuant to Environmental Conservation Law (ECL) §27-1400 et seq. We are pleased to advise you that your application has been determined to be complete based upon the Department's initial non-substantive review of your application package. The record with respect to your submittal pursuant to ECL 27-1407.1 is complete. If you propose additional material to supplement this application, the Department may consider it at its sole discretion. If the Department allows you to supplement your application with additional written material that clarifies current information or provides new information, you will be required to publish another public notice of the availability of the complete application (only very minor information may be accepted without the need for publishing a new public notice). The Department will then adjust the time frame specified under ECL 27-1407.6 for notifying you that your request for participation in the BCP is either accepted or rejected.

Pursuant to ECL§27-1407(5), a 30-day public comment period is to begin after the Department's determination that an application is complete. The Department will publish a notice of the receipt of your application seeking public comment in the "Environmental Notice Bulletin." In accordance with the ECL and Department regulations (see 6 NYCRR 375-3.4(b)), you must notify, in writing, all parties on the site contact list[1] of the availability of the complete application for public review and comment.

In order to facilitate the notifications, the Department has prepared the enclosed document for your use as a Public Notice along with instructions and the location of the document repository. You are responsible for placing a copy of the application (including any attachments) and copies of all other related documents such as any site assessments, investigation reports, and/or remedial work plans in the repository before the start of the public comment period. The language in the enclosed Public Notice must be used without alteration in the newspaper notice that you have published in accordance with §§375-3.2(f) and 375-3.10.

[1] The site contact list includes (see subdivision 375-1.2(as)) all interested "persons, government agencies, groups or organizations, including, but not limited to, the chief executive officer and zoning board of each county, city, town and village in which such site is located, the public water supplier which serves the area in which such site is located, any site residents, adjacent property owners, any person who has requested to be placed on the site contact list, and the administrator of any school or day care facility located on the site for the purposes of posting and/or dissemination at the facility. Provided, however, that where the site or adjacent real property contains multiple dwelling units, the remedial party may propose an alternative method, consistent with the citizen participation goals set forth in section 375-1.10, for providing such notice in lieu of mailing to each individual."

The enclosed public notice must be provided to a local newspaper servicing the area including the site for publication no later than February 13, 2013. By February 12, 2013, the other notifications specified above must be distributed and documents placed in the repository. To the extent that the mailings and publications are not completed in accordance with these time frames, the Department will extend the comment period for a period sufficient to comply with the required public notice requirements running from the latest of these mailings and publications.

Within five days of the mailings you must submit to the Department a "certificate of mailing" using the enclosed form. Additionally, you must submit a proof of publication provided by the newspaper within three days of your receipt of such document. Please submit these documents to the Department's Project Manager:

Eugene Melnyk, Project Manager
NYSDEC-Region 9
270 Michigan Avenue
Buffalo, NY 14203
716-851-7220 \
ewmelnyk@gw.dec.state.ny.us .

The Department will use all best efforts to notify you if the application is accepted or rejected within five days after the close of the public comment period. We look forward to working cooperatively to address the environmental conditions at the brownfield site and return this property to productive use.

Sincerely,

for Kelly A. Lewandowski, P.E.
Chief
Site Control Section

Enclosures
ec w/enc.: Eugene Melnyk, Project Manager
Michael Cruden, Director, Remedial Bureau E
Martin Doster, RHWRE, Region 9
Michael Caruso, NYSDEC – OGC, Materials Management and Remediation Bureau
David Stever, OGC – Region 9
Craig Slater, Esq., The Slater Law Firm, PLLC
Douglas B. Reid, Lender Consulting Services, Inc.
Krista Anders, NYSDOH
Sara Heigel, Site Control Section

Brownfield Cleanup Program
Public Notice Instructions to Requestor[2]

1. **Newspaper Notice**
   a) The Requestor must publish the language in the enclosed public notice, without modification, in a local newspaper of general circulation that services the area that includes the site not later than the date specified in the Division of Environmental Remediation's (DER) cover letter. The notice must be located prominently in the community bulletin section or comparable local section of the newspaper (not as a legal notice). The Requestor must publish the notice in English and in any other language spoken by a significant number of people within the site community.
   b) The Requestor must submit a proof of publication of the newspaper notice to DER by the date specified in the DER cover letter.

2. **Requestor's Instructions to Newspapers Regarding Printing the Public Notice**
   a) The enclosed public notice announces the receipt of a complete Brownfield Cleanup Program application package by the New York State Department of Environmental Conservation. Pursuant to ECL Section 27-1407(5), the public notice must be located prominently in the community bulletin section or similar local section of the newspaper (not as a legal notice). The public notice must be published by the date specified. Please provide a proof of publication as soon as possible.

3) **Site Contact List**
   a) The Requestor must mail the enclosed public notice, without modification, to the parties on the site contact list included with the application. The mailing must be performed by the date specified in the DER cover letter. No other materials can be mailed with this notice.
   b) The Requestor must complete the certificate of mailing and submit it to DER by the date specified in the DER cover letter (see enclosed certificate of mailing form).

4) **Requestor's Instructions to Parties on the Site Contact List Receiving the Public Notice**
   a) The enclosed public notice announces the receipt of a complete Brownfield Cleanup Program application package by the New York State Department of Environmental Conservation. Pursuant to ECL Section 27-1407(5), a public notice announcing the receipt of an application must be sent to parties on the site contact list. Please read the enclosed public notice and review the application package in the site document repository for further information regarding the application and how to submit comments.

5. **Document Repository**
   a) The Requestor must put the application package (application and all attachments) in the site document repository specified in the application prior to the start of the public comment period.

[2] A requestor (§375-3.2(i)) is a person who has submitted an application to participate in the BCP whose eligibility has not yet been determined by the Department of Environmental Conservation.

Public Notice

The New York State Department of Environmental Conservation (DEC) has received a Brownfield Cleanup Program (BCP) application and a Remedial Investigation and Interim Remedial Measures Work Plan from BTC Block 20 Inc. for a site known as the 233 South Elmwood Avenue and 234 Delaware Avenue site, site ID #C915271. This site is located in the City of Buffalo, within the County of Erie, and is located at 233 South Elmwood Avenue and 234 Delaware Avenue, Buffalo, NY 14202. Comments regarding this application must be submitted no later than March 15, 2013. Information regarding the site, the application, and how to submit comments can be found at http://www.dec.ny.gov/chemical/60058.html or send comments to Eugene Melnyk, Project Manager, NYSDEC-Region 9, 270 Michigan Avenue, Buffalo, NY 14203; 716-851-7220 or ewmelnyk@gw.dec.state.ny.us .

To have information such as this notice sent right to your email, sign up with county email listservs available at www.dec.ny.gov/chemical/61092.html .

CERTIFICATION OF MAILING

SITE NAME: 233 South Elmwood Avenue and 234 Delaware Avenue
SITE NO. C915271

I certify that I mailed on _____ a copy of the attached _____ by first class mail upon the person(s) on the attached mailing list, by depositing a true copy thereof, securely enclosed in a postpaid wrapper, in the Post Office box at _____ in the City of _____, New York, which box is under the exclusive care and custody of the United States Post Office.

_____ _____
Signature Date

New York State Department of Environmental Conservation
Division of Environmental Remediation, 12th Floor
625 Broadway, Albany, New York 12233-7011
Phone: (518) 402-9706 **Fax:** (518) 402-9020
Website: www.dec.ny.gov

Joe Martens
Commissioner

Certified Mail, Return Receipt Requested MAR 26 2013

BTC Block 20 Inc.
c/o Craig Slater, Esq.
The Slater Law Firm PLLC
26 Mississippi Street, Suite 400
Buffalo, NY 14203

Re: 233 South Elmwood Avenue and 234 Delaware Avenue
Tax Map ID No.: 111.37-3-5.11
Property County: Erie
Site No.: C915271

Dear Applicant:

Your application for the above-referenced Brownfield Cleanup Program ("BCP") project has been reviewed by the New York State Department of Environmental Conservation ("Department"). I am pleased to inform you that your request is accepted. The acceptance is based upon your participation as follows:

BTC Block 20 Inc. is a Volunteer as defined in ECL 27-1405(1)(b).

Based upon the facts and information in the application, information contained in the Department's records, and a timely return of the signed Brownfield Cleanup Agreements (BCAs), the Department is prepared to execute a BCA for the above-described property. Enclosed are three original proposed BCAs. Please have an authorized representative sign all three originals where indicated and return them to my attention at 625 Broadway, Albany, New York, **along with proof that the party executing the BCA is authorized to bind the Requestor. This would be documentation from corporate organizational papers, which are updated, showing the authority to bind the corporation, or a Corporate Resolution showing the same, or an Operating Agreement or Resolution for an LLC**. The BCA shall not be effective until it is fully executed by the parties. A reassessment of eligibility may result in a denial of the application if there are any changes to material facts and information before the BCA is fully executed. **Please note, if the BCA is not signed and returned to the Department within 60 days, the Department will consider the Application withdrawn and the offer to enter the BCP will be deemed rescinded.**

The Department looks forward to working with you on this project. The Department's project manager will assist you in completing your project. You can arrange a meeting to discuss the program's requirements and work plan. The work plan will determine the scope of work to be conducted and completed. You may contact the Department's project team as set forth in Paragraph IV of the attached draft BCA to discuss the next steps.

Sincerely,

Robert W. Schick, P.E., Director
Division of Environmental Remediation

Enclosures:

Department's Copies:

ec: Michael J. Ryan, P.E.
Michael Cruden
Martin Doster
Benjamin Conlon
Kelly Lewandowski
Michael Caruso
Eugene Melnyk
David Stever

Applicant's Copies:

ec: Craig Slater, Esq. (cslater@cslaterlaw.com)
Douglas Reid (dreid@lenderconsulting.com)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
BROWNFIELD CLEANUP PROGRAM
ECL §27-1401 *et seq.*

In the Matter of a Remedial Program for

BROWNFIELD SITE CLEANUP AGREEMENT
Index No.: C915271-03-13

233 South Elmwood Avenue and 234 Delaware Avenue
DEC Site No.: C915271
Located at: 233 South Elmwood Avenue and 234 Delaware Avenue
Erie County
Buffalo, NY 14202

Hereinafter referred to as "Site"

by:

BTC Block 20 Inc.
c/o The Slater Law Firm PLLC, 26 Mississippi Street, Suite 400
Buffalo, NY 14203

Hereinafter referred to as "Applicant"

WHEREAS, the Department of Environmental Conservation (the "Department") is authorized to administer the Brownfield Cleanup Program ("BCP") set forth in Article 27, Title 14 of the Environmental Conservation Law ("ECL"); and

WHEREAS, the Applicant submitted an application received by the Department on December 18, 2012; and

WHEREAS, the Department has determined that the Site and Applicant are eligible to participate in the BCP.

NOW, THEREFORE, IN CONSIDERATION OF AND IN EXCHANGE FOR THE MUTUAL COVENANTS AND PROMISES, THE PARTIES AGREE TO THE FOLLOWING:

I. Applicant Status

The Applicant, BTC Block 20 Inc., is participating in the BCP as a Volunteer as defined in ECL 27-1405(1)(b).

II. Real Property

The Site subject to this Brownfield Cleanup Agreement (the "BCA" or "Agreement") consists of approximately 1.960 acres, a Map of which is attached as Exhibit "A", and is described as follows:

Tax Map/Parcel No.: 111.37-3-5.11
Street Number: 234 Delaware Ave-233 S. Elmwood Ave., Buffalo
Owner: BTC Block 20 Inc.

III. Payment of State Costs

Invoices shall be sent to Applicant at the following address:

BTC Block 20 Inc.
Attn: c/o Craig Slater, Esq.
The Slater Law Firm PLLC
26 Mississippi Street, Suite 400
Buffalo, NY 14203
cslater@cslaterlaw.com

IV. Communications

A. All written communications required by this Agreement shall be transmitted by United States Postal Service, by private courier service, by hand delivery, or by electronic mail.

1. Communication from Applicant shall be sent to:

Eugene Melnyk
New York State Department of Environmental Conservation
Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203-2915
ewmelnyk@gw.dec.state.ny.us

Note: one hard copy (unbound) of work plans and reports is required, as well as one electronic copy.

Krista Anders (electronic copy only)
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza
Corning Tower Room 1787
Albany, NY 12237
kma06@health.state.ny.us

David Stever, Esq. (correspondence only)
New York State Department of Environmental Conservation
Office of General Counsel
270 Michigan Avenue
Buffalo, NY 14203
dfstever@gw.dec.state.ny.us

2. Communication from the Department to Applicant shall be sent to:

BTC Block 20 Inc.
Attn: c/o Craig Slater, Esq.
The Slater Law Firm PLLC
26 Mississippi Street, Suite 400
Buffalo, NY 14203
cslater@cslaterlaw.com

B. The Department and Applicant reserve the right to designate additional or different addressees for communication on written notice to the other. Additionally, the Department reserves the right to request that the Applicant provide more than one paper copy of any work plan or report.

C. Each party shall notify the other within ninety (90) days after any change in the addresses listed in this paragraph or in Paragraph III.

V. Miscellaneous

A. Applicant acknowledges that it has read, understands, and agrees to abide by all the terms set forth in Appendix A - "Standard Clauses for All New York State Brownfield Site Cleanup Agreements" which is attached to and hereby made a part of this Agreement as if set forth fully herein.

B. In the event of a conflict between the terms of this BCA (including any and all attachments thereto and amendments thereof) and the terms of Appendix A, the terms of this BCA shall control.

C. The effective date of this Agreement is the date it is signed by the Commissioner or the Commissioner's designee.

DATED:

JOSEPH J. MARTENS
COMMISSIONER
NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By:

_____

Robert W. Schick, P.E., Director
Division of Environmental Remediation

CONSENT BY APPLICANT

Applicant hereby consents to the issuing and entering of this Agreement, waives Applicant's right to a hearing herein as provided by law, and agrees to be bound by this Agreement.

BTC Block 20 Inc.

By:_____

Title:_____

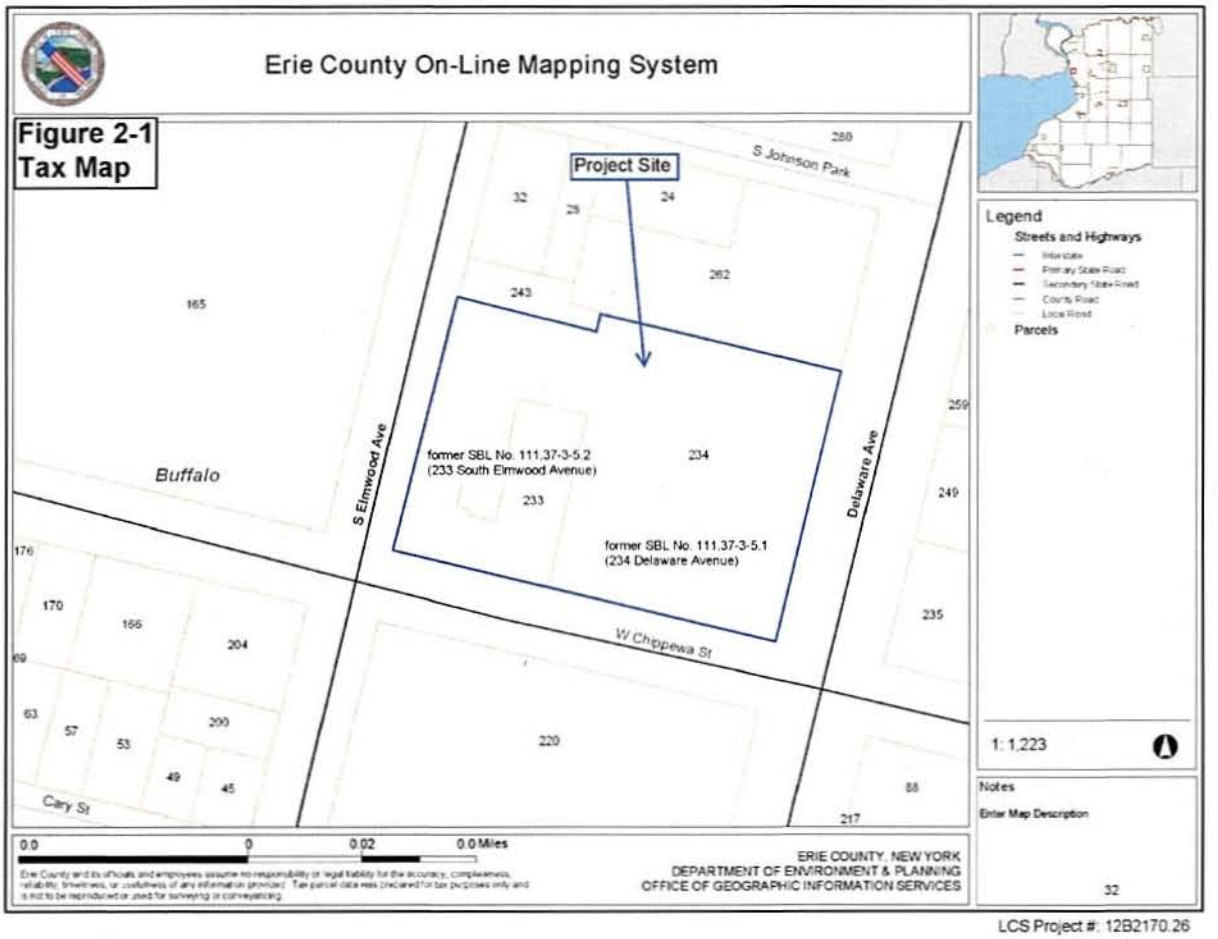
Date:_____

STATE OF NEW YORK)
) ss:
COUNTY OF)

On the _____ day of _____ in the year 20___, before me, the undersigned, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Signature and Office of individual
taking acknowledgment

EXHIBIT A
SITE MAP



LCS Project #: 12B2170.26

APPENDIX A

STANDARD CLAUSES FOR ALL NEW YORK STATE BROWNFIELD SITE CLEANUP AGREEMENTS

The parties to the Brownfield Site Cleanup Agreement (hereinafter "the BCA" or "the Agreement" or "this Agreement") agree to be bound by the following clauses which are hereby made a part of the BCA. The word "Applicant" herein refers to any party to the Agreement, other than the New York State Department of Environmental Conservation (herein after "Department").

I. Citizen Participation Plan

Within twenty (20) days after the effective date of this Agreement, Applicant shall submit for review and approval a written citizen participation plan prepared in accordance with the requirements of ECL § 27-1417 and 6 NYCRR §§ 375-1.10 and 375-3.10. Upon approval, the Citizen Participation Plan shall be deemed to be incorporated into and made a part of this Agreement.

II. Development, Performance, and Reporting of Work Plans

A. Work Plan Requirements

The work plans ("Work Plan" or "Work Plans") under this Agreement shall be prepared and implemented in accordance with the requirements of ECL Article 27, Title 14, 6 NYCRR §§ 375-1.6(a) and 375-3.6, and all applicable laws, rules, regulations, and guidance documents. The Work Plans shall be captioned as follows:

1. "Remedial Investigation Work Plan" if the Work Plan provides for the investigation of the nature and extent of contamination within the boundaries of the Site and, if the Applicant is a "Participant", the extent of contamination emanating from such Site. If the Applicant is a "Volunteer" it shall perform a qualitative exposure assessment of the contamination emanating from the site in accordance with ECL § 27-1415(2)(b) and Department guidance;

2. "Remedial Work Plan" if the Work Plan provides for the development and implementation of a Remedial Program for contamination within the boundaries of the Site and, if the Applicant is a "Participant", the contamination that has emanated from such Site;

3. "IRM Work Plan" if the Work Plan provides for an interim remedial measure; or

4. "Site Management Plan" if the Work Plan provides for the identification and implementation of institutional and/or engineering controls as well as any necessary monitoring and/or operation and maintenance of the remedy.

5. "Supplemental" if additional work plans other than those set forth in II.A.1-4 are required to be prepared and implemented.

B. Submission/Implementation of Work Plans

1. The first proposed Work Plan to be submitted under this Agreement shall be submitted no later than thirty (30) days after the effective date of this Agreement. Thereafter, the Applicant shall submit such other and additional work plans as determined in a schedule to be approved by the Department.

2. Any proposed Work Plan shall be submitted for the Department's review and approval and shall include, at a minimum, a chronological description of the anticipated activities to be conducted in accordance with current guidance, a schedule for performance of those activities, and sufficient detail to allow the Department to evaluate that Work Plan. The Department shall use best efforts in accordance with 6 NYCRR § 375-3.6(b) to approve, modify, or reject a proposed Work Plan within forty-five (45) days from its receipt or within fifteen (15) days from the close of the comment period, if applicable, whichever is later.

i. Upon the Department's written approval of a Work Plan, such Department-approved Work Plan shall be deemed to be incorporated into and made a part of this Agreement and shall be implemented in accordance with the schedule contained therein.

ii. If the Department requires modification of a Work Plan, the reason for such modification shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(3) shall apply.

iii. If the Department disapproves a Work Plan, the reason for such disapproval shall be provided in writing and the provisions of 6 NYCRR § 375-1.6(d)(4) shall apply.

3. A Site Management Plan, if necessary, shall be submitted in accordance with the schedule set forth in the IRM Work Plan or Remedial Work Plan.

C. Submission of Final Reports

1. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Report for an Investigation Work Plan prepared in accordance with ECL § 27-1411(1) and 6 NYCRR §

375-1.6. If such Final Report concludes that no remediation is necessary, and the Site does not meet the requirements for Track 1, Applicant shall submit an Alternatives Analysis prepared in accordance with ECL § 27-1413 and 6 NYCRR § 375-3.8(f) that supports such determination.

2. In accordance with the schedule contained in an approved Work Plan, Applicant shall submit a Final Engineering Report certifying that remediation of the Site has been performed in accordance with the requirements of ECL §§ 27-1419(1) and (2) and 6 NYCRR § 375-1.6. The Department shall review such Report, the submittals made pursuant to this Agreement, and any other relevant information regarding the Site and make a determination as to whether the goals of the remedial program have been or will be achieved in accordance with established timeframes; if so, a written Certificate of Completion will be issued in accordance with ECL § 27-1419, 6 NYCRR §§ 375-1.9 and 375-3.9.

3. Within sixty (60) days of the Department's approval of a Final Report, Applicant shall submit such additional Work Plans as it proposes to implement. Failure to submit any additional Work Plans within such period shall, unless other Work Plans are under review by the Department or being implemented by Applicant, result in the termination of this Agreement pursuant to Paragraph XII.

D. Review of Submittals other than Work Plans

1. The Department shall timely notify Applicant in writing of its approval or disapproval of each submittal other than a Work Plan in accordance with 6 NYCRR § 375-1.6. All Department-approved submittals shall be incorporated into and become an enforceable part of this Agreement.

2. If the Department disapproves a submittal covered by this Subparagraph, it shall specify the reason for its disapproval and may request Applicant to modify or expand the submittal. Within fifteen (15) days after receiving written notice that Applicant's submittal has been disapproved, Applicant shall elect in writing to either (i) modify or expand it within thirty (30) days of receipt of the written notice of disapproval; (ii) complete any other Department-approved Work Plan(s); (iii) invoke dispute resolution pursuant to Paragraph XIII; or (iv) terminate this Agreement pursuant to Paragraph XII. If Applicant submits a revised submittal and it is disapproved, the Department and Applicant may pursue whatever remedies may be available under this Agreement or under law.

E. Department's Determination of Need for Remediation

The Department shall determine upon its approval of each Final Report dealing with the investigation of the Site whether remediation, or additional remediation as the case may be, is needed for protection of public health and the environment.

1. If the Department makes a preliminary determination that remediation, or additional remediation, is not needed for protection of public health and the environment, the Department shall notify the public of such determination and seek public comment in accordance with ECL § 27-1417(3)(f). The Department shall provide timely notification to the Applicant of its final determination following the close of the public comment period.

2. If the Department determines that additional remediation is not needed and such determination is based upon use restrictions, Applicant shall cause to be recorded an Environmental Easement in accordance with 6 NYCRR § 375-1.8(h).

3. If the Department determines that remediation, or additional remediation, is needed, Applicant may elect to submit for review and approval a proposed Remedial Work Plan (or modify an existing Work Plan for the Site) for a remedy selected upon due consideration of the factors set forth in ECL § 27-1415(3) and 6 NYCRR § 375-1.8(f). A proposed Remedial Work Plan addressing the Site's remediation will be noticed for public comment in accordance with ECL § 27-1417(3)(f) and the Citizen Participation Plan developed pursuant to this Agreement. If the Department determines following the close of the public comment period that modifications to the proposed Remedial Work Plan are needed, Applicant agrees to negotiate appropriate modifications to such Work Plan. If Applicant elects not to develop a Work Plan under this Subparagraph then this Agreement shall terminate in accordance with Paragraph XII. If the Applicant elects to develop a Work Plan, then it will be reviewed in accordance with Paragraph II.D above.

F. Institutional/Engineering Control Certification

In the event that the remedy for the Site, if any, or any Work Plan for the Site, requires institutional or engineering controls, Applicant shall submit a written certification in accordance with 6 NYCRR §§ 375-1.8(h)(3) and 375-3.8(h)(2).

III. Enforcement

Except as provided in Paragraph V, this Agreement shall be enforceable as a contractual agreement under the laws of the State of New York. Applicant shall not suffer any penalty except as provided in Paragraph V, or be subject to any proceeding or action if it cannot comply with any requirement of this Agreement as a result of a Force Majeure Event as described at 6

NYCRR § 375-1.5(b)(4) provided Applicant complies with the requirements set forth therein.

IV. Entry upon Site

A. Applicant hereby agrees to provide access to the Site and to all relevant information regarding activities at the Site in accordance with the provisions of ECL § 27-1431. Applicant agrees to provide the Department upon request with proof of access if it is not the owner of the site.

B. The Department shall have the right to periodically inspect the Site to ensure that the use of the property complies with the terms and conditions of this Agreement. The Department will generally conduct such inspections during business hours, but retains the right to inspect at any time.

C. Failure to provide access as provided for under this Paragraph may result in termination of this Agreement pursuant to Paragraph XII.

V. Payment of State Costs

A. Within forty-five (45) days after receipt of an itemized invoice from the Department, Applicant shall pay to the Department a sum of money which shall represent reimbursement for State Costs as provided by 6 NYCRR § 375-1.5 (b)(3)(i).

B. Costs shall be documented as provided by 6 NYCRR § 375-1.5(b)(3)(ii). The Department shall not be required to provide any other documentation of costs, provided however, that the Department's records shall be available consistent with, and in accordance with, Article 6 of the Public Officers Law.

C. Each such payment shall be made payable to the New York State Department of Environmental Conservation and shall be sent to:

Director, Bureau of Program Management
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7012

D. The Department shall provide written notification to the Applicant of any change in the foregoing addresses.

E. If Applicant objects to any invoiced costs under this Agreement, the provisions of 6 NYCRR §§ 375-1.5 (b)(3)(v) and (vi) shall apply. Objections shall be sent to the Department as provided under subparagraph V.C above.

F. In the event of non-payment of any invoice within the 45 days provided herein, the Department may seek enforcement of this provision pursuant to Paragraph III or the Department may commence an enforcement action for non-compliance with ECL § 27-1423 and ECL § 71-4003.

VI. Liability Limitation

Subsequent to the issuance of a Certificate of Completion pursuant to this Agreement, Applicant shall be entitled to the Liability Limitation set forth at ECL § 27-1421, subject to the terms and conditions stated therein and to the provisions of 6 NYCRR §§ 375-1.9 and 375-3.9.

VII. Reservation of Rights

A. Except as provided in Subparagraph VII.B, Applicant reserves all rights and defenses under applicable law to contest, defend against, dispute, or disprove any action, proceeding, allegation, assertion, determination, or order of the Department, including any assertion of remedial liability by the Department against Applicant, and further reserves all rights including the rights to notice, to be heard, to appeal, and to any other due process respecting any action or proceeding by the Department, including the enforcement of this Agreement. The existence of this Agreement or Applicant's compliance with it shall not be construed as an admission of any liability, fault, wrongdoing, or violation of law by Applicant, and shall not give rise to any presumption of law or finding of fact which shall inure to the benefit of any third party.

B. Notwithstanding the foregoing, Applicant hereby waives any right it may have to make a claim pursuant to Article 12 of the Navigation Law with respect to the Site and releases the State and the New York Environmental Protection and Spill Compensation Fund from any and all legal or equitable claims, suits, causes of action, or demands whatsoever with respect to the Site that Applicant may have as a result of Applicant's entering into or fulfilling the terms of this Agreement.

VIII. Indemnification

Applicant shall indemnify and hold the Department, the State of New York, and their representatives and employees harmless from any claim, suit, action, and cost of every name and description arising out of or resulting from the fulfillment or attempted fulfillment of this Agreement by Applicant prior to the Termination Date except for those claims, suits, actions, and costs arising from the State's gross negligence or willful or intentional misconduct by the Department, the State of New York, and/or their representatives and employees during the course of any activities conducted pursuant to this

Agreement. In the event that the Applicant is a Participant, this provision shall also include the Trustee of the State's Natural Resources. The Department shall provide Applicant with written notice no less than thirty (30) days prior to commencing a lawsuit seeking indemnification pursuant to this Paragraph.

IX. Change of Use

Applicant shall notify the Department at least sixty (60) days in advance of any change of use, as defined in ECL § 27-1425, which is proposed for the Site, in accordance with the provisions of 6 NYCRR § 375-1.11(d). In the event the Department determines that the proposed change of use is prohibited, the Department shall notify Applicant of such determination within forty-five (45) days of receipt of such notice.

X. Environmental Easement

A. Within thirty (30) days after the Department's approval of a Remedial Work Plan which relies upon one or more institutional and/or engineering controls, or within sixty (60) days after the Department's determination pursuant to Subparagraph II.E.2 that additional remediation is not needed based upon use restrictions, Applicant shall submit to the Department for approval an Environmental Easement to run with the land in favor of the State which complies with the requirements of ECL Article 71, Title 36 and 6 NYCRR § 375-1.8(h)(2). Applicant shall cause such instrument to be recorded with the recording officer for the county in which the Site is located within thirty (30) days after the Department's approval of such instrument. Applicant shall provide the Department with a copy of such instrument certified by the recording officer to be a true and faithful copy within thirty (30) days of such recording (or such longer period of time as may be required to obtain a certified copy provided Applicant advises the Department of the status of its efforts to obtain same within such thirty (30) day period), which shall be deemed to be incorporated into this Agreement.

B. Applicant or the owner of the Site may petition the Department to modify or extinguish the Environmental Easement filed pursuant to this Agreement at such time as it can certify that the Site is protective of public health and the environment without reliance upon the restrictions set forth in such instrument. Such certification shall be made by a Professional Engineer or Qualified Environmental Professional as defined at 6 NYCRR § 375-1.2(ak) approved by the Department. The Department will not unreasonably withhold its consent.

XI. Progress Reports

Applicant shall submit a written progress report of its actions under this Agreement to the parties identified in Subparagraph III.A.1 of the Agreement by the 10th day of each month commencing with the month subsequent to the approval of the first Work Plan and ending with the Termination Date, unless a different frequency is set forth in a Work Plan. Such reports shall, at a minimum, include: all actions relative to the Site during the previous reporting period and those anticipated for the next reporting period; all approved activity modifications (changes of work scope and/or schedule); all results of sampling and tests and all other data received or generated by or on behalf of Applicant in connection with this Site, whether under this Agreement or otherwise, in the previous reporting period, including quality assurance/quality control information; information regarding percentage of completion; unresolved delays encountered or anticipated that may affect the future schedule and efforts made to mitigate such delays; and information regarding activities undertaken in support of the Citizen Participation Plan during the previous reporting period and those anticipated for the next reporting period.

XII. Termination of Agreement

Applicant or the Department may terminate this Agreement consistent with the provisions of 6 NYCRR §§ 375-3.5(b), (c), and (d) by providing written notification to the parties listed in Paragraph IV of the Agreement.

XIII. Dispute Resolution

A. In the event disputes arise under this Agreement, Applicant may, within fifteen (15) days after Applicant knew or should have known of the facts which are the basis of the dispute, initiate dispute resolution in accordance with the provisions of 6 NYCRR § 375-1.5(b)(2).

B. All cost incurred by the Department associated with dispute resolution are State costs subject to reimbursement pursuant to this Agreement.

C. Notwithstanding any other rights otherwise authorized in law or equity, any disputes pursuant to this Agreement shall be limited to Departmental decisions on remedial activities. In no event shall such dispute authorize a challenge to the applicable statute or regulation.

XIV. Miscellaneous

A. If the information provided and any certifications made by Applicant are not materially accurate and complete, this Agreement, except with respect to Applicant's obligations pursuant to Paragraphs V, VII.B, and VIII, shall be null and void ab initio fifteen (15) days after the Department's notification of such inaccuracy or incompleteness or fifteen (15) days after issuance of a final decision

resolving a dispute pursuant to Paragraph XIII, whichever is later, unless Applicant submits information within that fifteen (15) day time period indicating that the information provided and the certifications made were materially accurate and complete. In the event this Agreement is rendered null and void, any Certificate of Completion and/or Liability Limitation that may have been issued or may have arisen under this Agreement shall also be null and void ab initio, and the Department shall reserve all rights that it may have under law.

B. By entering into this Agreement, Applicant agrees to comply with and be bound by the provisions of 6 NYCRR §§ 375-1, 375-3 and 375-6; the provisions of such subparts that are referenced herein are referenced for clarity and convenience only and the failure of this Agreement to specifically reference any particular regulatory provision is not intended to imply that such provision is not applicable to activities performed under this Agreement.

C. The Department may exempt Applicant from the requirement to obtain any state or local permit or other authorization for any activity conducted pursuant to this Agreement in accordance with 6 NYCRR §§ 375-1.12(b), (c), and (d).

D. 1. Applicant shall use "best efforts" to obtain all Site access, permits, easements, approvals, institutional controls, and/or authorizations necessary to perform Applicant's obligations under this Agreement, including all Department-approved Work Plans and the schedules contained therein. If, despite Applicant's best efforts, any access, permits, easements, approvals, institutional controls, or authorizations cannot be obtained, Applicant shall promptly notify the Department and include a summary of the steps taken. The Department may, as it deems appropriate and within its authority, assist Applicant in obtaining same.

2. If an interest in property is needed to implement an institutional control required by a Work Plan and such interest cannot be obtained, the Department may require Applicant to modify the Work Plan pursuant to 6 NYCRR § 375-1.6(d)(3) to reflect changes necessitated by Applicant's inability to obtain such interest.

E. The paragraph headings set forth in this Agreement are included for convenience of reference only and shall be disregarded in the construction and interpretation of any provisions of this Agreement.

F. 1. The terms of this Agreement shall constitute the complete and entire agreement between the Department and Applicant concerning the implementation of the activities required by this Agreement. No term, condition, understanding, or agreement purporting to modify or vary any term of this Agreement shall be binding unless made in writing and subscribed by the party to be bound. No informal advice, guidance, suggestion, or comment by the Department shall be construed as relieving Applicant of its obligation to obtain such formal approvals as may be required by this Agreement. In the event of a conflict between the terms of this Agreement and any Work Plan submitted pursuant to this Agreement, the terms of this Agreement shall control over the terms of the Work Plan(s). Applicant consents to and agrees not to contest the authority and jurisdiction of the Department to enter into or enforce this Agreement.

2. i. Except as set forth herein, if Applicant desires that any provision of this Agreement be changed, Applicant shall make timely written application to the Commissioner with copies to the parties in Subparagraph IV.A.1 of the Agreement.

ii. If Applicant seeks to modify an approved Work Plan, a written request shall be made to the Department's project manager, with copies to the parties listed in Subparagraph IV.A.1 of the Agreement.

iii. Requests for a change to a time frame set forth in this Agreement shall be made in writing to the Department's project attorney and project manager; such requests shall not be unreasonably denied and a written response to such requests shall be sent to Applicant promptly.

G. 1. If there are multiple parties signing this Agreement, the term "Applicant" shall be read in the plural, the obligations of each such party under this Agreement are joint and several, and the insolvency of or failure by any Applicant to implement any obligations under this Agreement shall not affect the obligations of the remaining Applicant(s) under this Agreement.

2. If Applicant is a partnership, the obligations of all general partners (including limited partners who act as general partners) under this Agreement are joint and several and the insolvency or failure of any general partner to implement any obligations under this Agreement shall not affect the obligations of the remaining partner(s) under this Agreement.

3. Notwithstanding the foregoing Subparagraphs XIV.G.1 and 2, if multiple parties sign this Agreement as Applicants but not all of the signing parties elect to implement a Work Plan, all Applicants are jointly and severally liable for each and every obligation under this Agreement through the completion of activities in such Work Plan that all such parties consented to; thereafter, only those Applicants electing to perform additional work shall be jointly and severally liable under this Agreement for the obligations and activities under such additional Work

Plan(s). The parties electing not to implement the additional Work Plan(s) shall have no obligations under this Agreement relative to the activities set forth in such Work Plan(s). Further, only those Applicants electing to implement such additional Work Plan(s) shall be eligible to receive the Liability Limitation referenced in Paragraph VI.

4. Any change to parties pursuant to this Agreement, including successors and assigns through acquisition of title, is subject to approval by the Department, after submittal of an application acceptable to the Department.

H. Applicant shall be entitled to receive contribution protection and/or to seek contribution to the extent authorized by ECL § 27-1421(6) and 6 NYCRR § 375-1.5(b)(5).

I. Applicant shall not be considered an operator of the Site solely by virtue of having executed and/or implemented this Agreement.

J. Applicant and Applicant's agents, grantees, lessees, sublessees, successors, and assigns shall be bound by this Agreement. Any change in ownership of Applicant including, but not limited to, any transfer of assets or real or personal property, shall in no way alter Applicant's responsibilities under this Agreement.

K. Unless otherwise expressly provided herein, terms used in this Agreement which are defined in ECL Article 27 or in regulations promulgated thereunder shall have the meaning assigned to them under said statute or regulations.

L. Applicant's obligations under this Agreement represent payment for or reimbursement of State costs, and shall not be deemed to constitute any type of fine or penalty.

M. In accordance with 6 NYCRR § 375-1.6(a)(4), the Department shall be notified at least 7 days in advance of, and be allowed to attend, any field activities to be conducted under a Department approved work plan, as well as any pre-bid meetings, job progress meetings, substantial completion meeting and inspection, and final inspection and meeting; provided, however that the Department may be excluded from portions of meetings where privileged matters are discussed.

N. In accordance with 6 NYCRR § 375-1.11(a), all work plans; reports, including all attachments and appendices, and certifications, submitted by a remedial party shall be submitted in print, as well as in an electronic format acceptable to the Department.

O. This Agreement may be executed for the convenience of the parties hereto, individually or in combination, in one or more counterparts, each of which shall be deemed to have the status of an executed original and all of which shall together constitute one and the same.

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220; **Fax** (716) 851-7226
Website: www.dec.ny.gov

Joe Martens
Commissioner

July 9, 2013

Ms. Margaret Popek
Lender Consulting Services, Inc.
40 La Riviere Drive
Suite 120
Buffalo, New York 14203

233 South Elmwood and 234 Delaware Avenue BCP Site
NYSDEC Site No. C915271
Remedial Investigation and Interim Remedial Measures Work Plan Approval

Dear Ms. Popek:

The New York State Department of Environmental Conservation (Department) has reviewed the revised Remedial Investigation and Interim Remedial Measures Work Plan (RI-IRM WP) by Lender Consulting Services, Inc. (LCS) dated May 2013. The revised work plan addresses comments contained the Department's comment letters dated March 28, 2013 and April 12, 2013. The Department does not have any further comments regarding the RI-IRM WP and is hereby approved. The corresponding project specific Community Air Monitoring Plan - Health and Safety Plan dated May 2013 is also approved.

In accordance with the Project Schedule, the RI-IRM and Alternative Analysis Report (RI-IRM-AAR) deliverable is due December 2013. Please keep the Department updated on scheduling and completion of tasks.

If you have any questions regarding the above, please feel free to contact me at 716-851-7220 or by email at ewmelnyk@gw.dec.state.ny.us.

Sincerely,

Eugene W. Melnyk, PE
Project Manager

ec:
Martin Doster – NYSDEC
Deanna Ripstein - NYSDOH

NEW YORK
state department of
HEALTH

Nirav R. Shah, M.D., M.P.H.
Commissioner

Sue Kelly
Executive Deputy Commissioner

July 1, 2013

Mr. Robert Schick, Director
NYS Dept. of Environmental Conservation
Division of Environmental Conservation
625 Broadway
Albany, NY 12233

Re: **Interim Remedial Measures Work Plan**
233 South Elmwood Avenue and
234 Delaware Avenue
Site# C915271
Buffalo, Erie County

Dear Mr. Schick:

At your Department's request, we have reviewed the May 2013 *Interim Remedial Measures (IRM) Work Plan* for the referenced site to determine whether the proposed actions are protective of human health. I understand that petroleum-contaminated soil at the site will be excavated up to a depth of 18 feet below surface grade and that post-excavation soil samples will be collected from the sidewalls and bottom of the excavation to verify that unrestricted soil cleanup objectives per 6NYCRR Part 375 have been met. In addition, existing on-site underground storage tanks, piping and dispensers associated with the former gas station and excavated soil will be removed and disposed off-site. If unrestricted soil cleanup objectives are not achievable, a more restrictive use will be evaluated and applied. The excavated area will be backfilled with soil that achieves the applicable use soil cleanup objectives.

A site-specific real time community air monitoring plan will be implemented during field activities. Based on this review, I believe the proposed interim remedial measure is protective of public health and concur with its implementation. If you have questions, please contact Ms. Deanna Ripstein or me at (518) 402-7860.

Sincerely,

Krista M. Anders

Krista M. Anders, Director
Bureau of Environmental Exposure Investigation

ec: A. Salame-Alfie, Ph.D.
D. Ripstein / W. Kuehner/ I. Ushe/e-File
D. Funke – Erie County DOH
R. Van Houten - WRO
M. Ryan / A. Daniels / G. Heitzman – NYSDEC Central Office
M. Doster / E. Melnyk – NYSDEC Region 9

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New York State Department of Environmental Conservation

Brownfield Cleanup Program

Citizen Participation Plan

for

233 South Elmwood Avenue and 234 Delaware Avenue

233 South Elmwood Avenue and 234 Delaware Avenue
City of Buffalo
Erie County, New York

April 2013

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* * * * *

Note: The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.

Applicant: **BTC Block 20 Inc. (Applicant)**
Site Name: **233 South Elmwood Avenue and 234 Delaware Avenue (Site)**
Site Address: **233 South Elmwood Avenue and 234 Delaware Avenue, Buffalo, New York**
Site County: **Erie**
Site Number: **C915271**

1. What is New York's Brownfield Cleanup Program?

New York's Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants that conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: http://www.dec.ny.gov/chemical/8450.html .

2. Citizen Participation Activities

Why NYSDEC Involves the Public and Why It Is Important

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision makers form or adopt final positions.

Involving citizens affected and interest in site investigation and cleanup programs is important for many reasons. These include:

- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment

- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process

- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process

- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community

- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

Project Contacts

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

Locations of Reports and Information

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

Site Contact List

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- residents, owners, and occupants of the site and properties adjacent to the site;
- the public water supplier which services the area in which the site is located;
- any person who has requested to be placed on the site contact list;
- the administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

CP Activities

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.

- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.
This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

Technical Assistance Grant

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

For more information about TAGs, go online at http://www.dec.ny.gov/regulations/2590.html

Note: The table identifying the citizen participation activities related to the site's investigation and cleanup program follows on the next page:

Citizen Participation Requirements (Activities)	Timing of CP Activity(ies)
Application Process:	
• Prepare site contact list • Establish document repositories	At time of preparation of application to participate in the BCP.
• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period • Publish above ENB content in local newspaper • Mail above ENB content to site contact list • Conduct 30-day public comment period	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
After Execution of Brownfield Site Cleanup Agreement:	
• Prepare Citizen Participation (CP) Plan	Before start of Remedial Investigation
Before NYSDEC Approves Remedial Investigation (RI) Work Plan:	
• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan • Conduct 30-day public comment period	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
After Applicant Completes Remedial Investigation:	
• Distribute fact sheet to site contact list that describes RI results	Before NYSDEC approves RI Report
Before NYSDEC Approves Remedial Work Plan (RWP):	
• Distribute fact sheet to site contact list about proposed RWP and announcing 45-day public comment period • Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager) • Conduct 45-day public comment period	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
Before Applicant Starts Cleanup Action:	
• Distribute fact sheet to site contact list that describes upcoming cleanup action	Before the start of cleanup action.
After Applicant Completes Cleanup Action:	
• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that summarizes the Final Engineering Report • Distribute fact sheet to site contact list announcing issuance of Certificate of Completion (COC)	At the time NYSDEC approves Final Engineering Report. These two fact sheets are combined if possible if there is not a delay in issuing the COC.

3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process.

The site is currently occupied by a gasoline station, multi-tenant commercial building, and parking lot. Groundwater on-site is not used for any purpose, and petroleum-impacted soils are covered by the asphalt parking lot. There are no known major issues of public concern related to the site prior to implementation of upcoming remedial activities.

Impacted soils proximate the gasoline station are expected to be excavated to a depth of between approximately 12 and 18 feet below ground surface during the summer of 2013. In addition, the gasoline station and associated canopy will be demolished. The excavation and demolitions will occur in an area of heavy pedestrian traffic, comprised of residents, schoolchildren, and patrons of nearby businesses. Of particular concern is the adjacent Hutchinson Technical High School, where summer activities (i.e., summer school, preparations for the upcoming school year) are expected to take place concurrent with site activities. To address this concern, at the request of the applicant, an approximate 6 foot tall chain-link fence will be placed around the excavation and work areas. The remediation contractors will also take steps to reduce vapors and odors emanating from the site and reduce the amount of dust travelling off-site. Sidewalks proximate the work site will be closed for the duration of the remedial work.

4. Site Information

Appendix C contains a map identifying the location of the site.

Site Description

The site is located at 233 South Elmwood Avenue and 234 Delaware Avenue in the City of Buffalo, Erie County, New York. The site measures approximately 1.96 acres and is located in a predominantly commercial and residential urban area. Properties adjacent to the site include the following:

- 243 South Elmwood Avenue: Buffalo Small Animal Hospital (commercial)
- 262 Delaware Avenue: Apartment Building (commercial)
- 220 Delaware Avenue: Hampton Inn & Suites (commercial)
- 165 West Chippewa Street: Hutchinson Central Technical High School (school)
- 259 Delaware Avenue: WGRZ-TV Channel 2 (commercial)
- 249 Delaware Avenue: Office Building (commercial)
- 235 Delaware Avenue: Starbucks Coffee (commercial)

History of Site Use, Investigation, and Cleanup

The site currently consists of a gasoline station, parking lot, and the Delaware Court Building. The Delaware Court Building has been utilized as a multi-tenant commercial building since its construction in 1925; this area was occupied by houses prior to 1925. The area surrounding the current gasoline station previously included gasoline stations in two additional locations, as well as tire and service stations and a paint shop. Several underground storage tanks have been installed and removed on-site throughout its history. The area of the site surrounding the current gasoline station contains soil and groundwater contaminated with petroleum, presumably resulting from the site's use as a gasoline station for nearly ninety years.

The community surrounding the site relies on municipal water; therefore, the contaminated groundwater on-site is not expected to cause any negative health effects in community members. However, workers will come into contact with contaminated soils and groundwater during redevelopment of the site. In addition, vapors from the contaminated soil may enter buildings that are built on top of the site and could be inhaled by occupants. Removal of the contaminated soil will minimize the likelihood that the site will cause negative health effects in community members, and will allow for safer redevelopment of the property.

The environmental issues at the site have been studied since 2001. Detailed historical research has been performed to identify the types of operations that may have caused the soil and groundwater on-site to become contaminated. In 2002, three different studies were performed on-site that involved collection of soil and groundwater samples from the areas of the current and former gasoline stations. Through these investigations, it was confirmed that soil and groundwater at the site had levels of petroleum-related contaminants above the maximum allowable levels set by New York State. It was also confirmed that the contamination was not present beyond the property boundaries to the west (South Elmwood Avenue) and south (West Chippewa Street).

Because of the contamination discovered on-site, the New York State Department of Environmental Conservation (NYSDEC) was notified and spill number 0175554 was assigned to the site. In 2002, approximately 245 gallons of petroleum floating on top of the groundwater (referred to as free phase product) and approximately 3,360 gallons of groundwater was pumped from the site. In 2003, a system was installed on the property to remove additional free phase product. This system was shut down in 2004, and it was confirmed that most of the free-phase product had been removed from the groundwater. In 2005, additional remediation was conducted to remove dissolved petroleum in the groundwater. However, groundwater quality monitoring conducted from 2004 to 2009 indicated that dissolved petroleum still remained in the groundwater. It was later determined that removal of the contaminated soil was the best way to improve soil and groundwater quality on-site.

5. Investigation and Cleanup Process

Application

The Applicant has applied for and been accepted into New York's Brownfield Cleanup Program as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination onsite, and must conduct a qualitative exposure assessment, a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The Applicant in its Application proposes that the site will be used for unrestricted purposes.

To achieve this goal, the Applicant will conduct investigation and cleanup activities at the site with oversight provided by NYSDEC. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting these activities at the site.

Investigation

The Applicant has completed a partial site investigation before it entered into the BCP. For the partial investigation, NYSDEC will determine if the data are useable.

The Applicant will conduct an additional investigation of the site officially called a "remedial investigation" (RI). This investigation will be performed with NYSDEC oversight. The Applicant must develop a remedial investigation workplan, which is subject to public comment.

The site investigation has several goals:

1) define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected;
2) identify the source(s) of the contamination;
3) assess the impact of the contamination on public health and the environment; and
4) provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

When the investigation is complete, the Applicant will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a significant threat, it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

Remedy Selection

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a Certificate of Completion (described below) to the Applicant.

or

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a Remedial Work Plan. The Remedial Work Plan describes the Applicant's proposed remedy for addressing contamination related to the site.

When the Applicant submits a proposed Remedial Work Plan for approval, NYSDEC would announce the availability of the proposed plan for public review during a 45-day public comment period.

Cleanup Action

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

Certificate of Completion

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the final engineering report. NYSDEC then will issue a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to redevelop the site after it receives a COC.

Site Management

Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management may be conducted by the Applicant under NYSDEC oversight, if contamination will remain in place. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An institutional control is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An engineering control is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that is pumping and treating groundwater. Site management continues until NYSDEC determines that it is no longer needed.

Appendix A
Project Contacts and Locations of Reports and Information

Project Contacts

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

New York State Department of Environmental Conservation (NYSDEC):

Mr. Eugene Melnyk, P.E.
Project Manager
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue, Buffalo, NY
(716) 851-7220

Ms. Kristen Davidson
Citizen Participation Specialist
NYSDEC Region 9
270 Michigan Avenue, Buffalo, NY
(716) 851-7220

New York State Department of Health (NYSDOH):
Mr. Ian Ushe
Project Manager
NYSDOH
547 River Street, Troy, NY
(518) 402-7880

Locations of Reports and Information

The facilities identified below are being used to provide the public with convenient access to important project documents:

Buffalo & Erie County Public Library
1 Lafayette Square, Buffalo, New York
Attn: Ms. April Tompkins
Phone: (716) 858-8900
Hours: Sunday: 12:00 PM - 5:00 PM
Monday: 8:30 AM - 6:00 PM
Tuesday: 8:30 AM - 6:00 PM
Wednesday: 8:30 AM - 6:00 PM
Thursday: 8:30 AM - 8:00 PM
Friday: 8:30 AM - 6:00 PM
Saturday: 8:30 AM - 6:00 PM

NYSDEC Region 9
270 Michigan Avenue, Buffalo, New York
Attn: Mr. Eugene Melnyk
Phone: (716) 851-7220
Hours: Monday -Friday: 8:30 AM - 4:45 PM
(call for appointment)

Appendix B Site Contact List

Erie County Government
Mark Poloncarz, Erie County Executive
95 Franklin Street, 16th Floor
Buffalo, New York 14202
(716) 858-8500

Brendan R. Mehaffy, Commissioner
Office of Strategic Planning
901 City Hall
Buffalo, New York 14202
(716) 851-4769

Public Water Supply
Erie County Water Authority
295 Main Street, Room 350
Buffalo, New York 14203
(716) 849-8444

Local News Media
The Buffalo News
One News Plaza, P.O. Box 10
Buffalo, New York 14240
(716) 849-4444

Document Repository
Buffalo & Erie County Public Library
1 Lafayette Square
Buffalo, New York 14203
(716) 858-8900

City of Buffalo Government
Byron Brown, Mayor
201 City Hall
Buffalo, New York 14202
(716) 851-4841

James K. Morrell
Chairman of the Planning Board
901 City Hall
Buffalo, New York 14202
(716) 851-5082

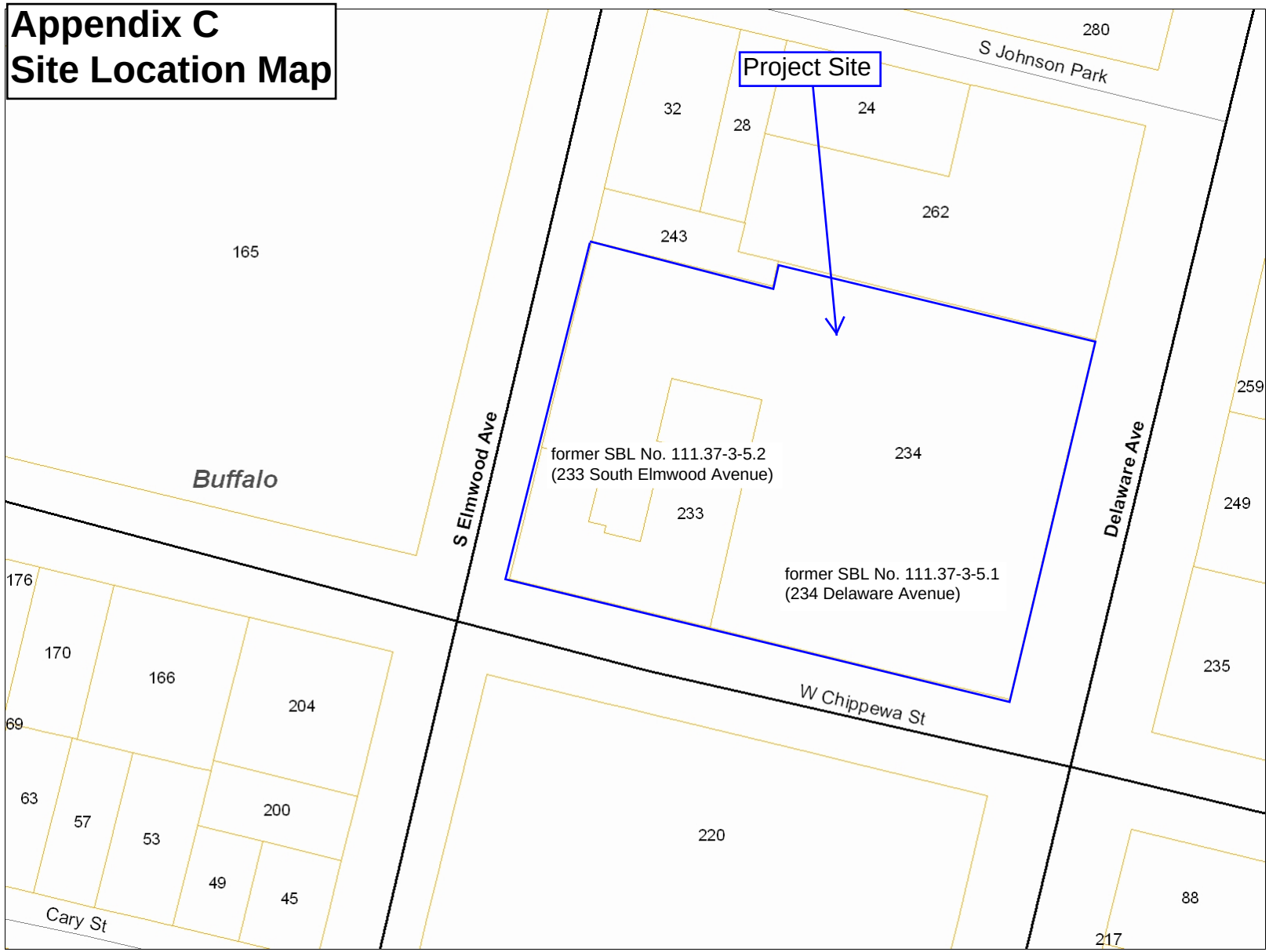
Nearby Schools
Hutchinson Technical High School
Sabatino Cimato, Principal
256 South Elmwood Avenue
Buffalo, New York 14202
(716) 816-3888

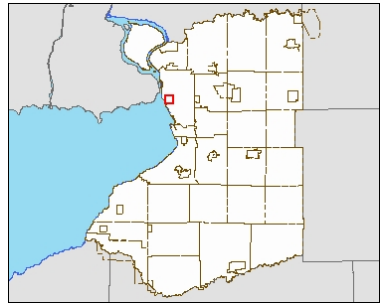
Emerson School of Hospitality (PS 302)
James G. Weimer, Jr., Principal
70 West Chippewa Street
Buffalo, New York 14202
(716) 816-3018

Buffalo Academy of Science Charter
Mustafa Ersoy, Director
190 Franklin Street
Buffalo, New York 14202
(716) 854-2490

Erie County On-Line Mapping System

Appendix C
Site Location Map





Legend

Streets and Highways
- Interstate
- Primary State Road
- Secondary State Road
- County Road
- Local Road

Parcels

1: 1,223

Notes

Enter Map Description

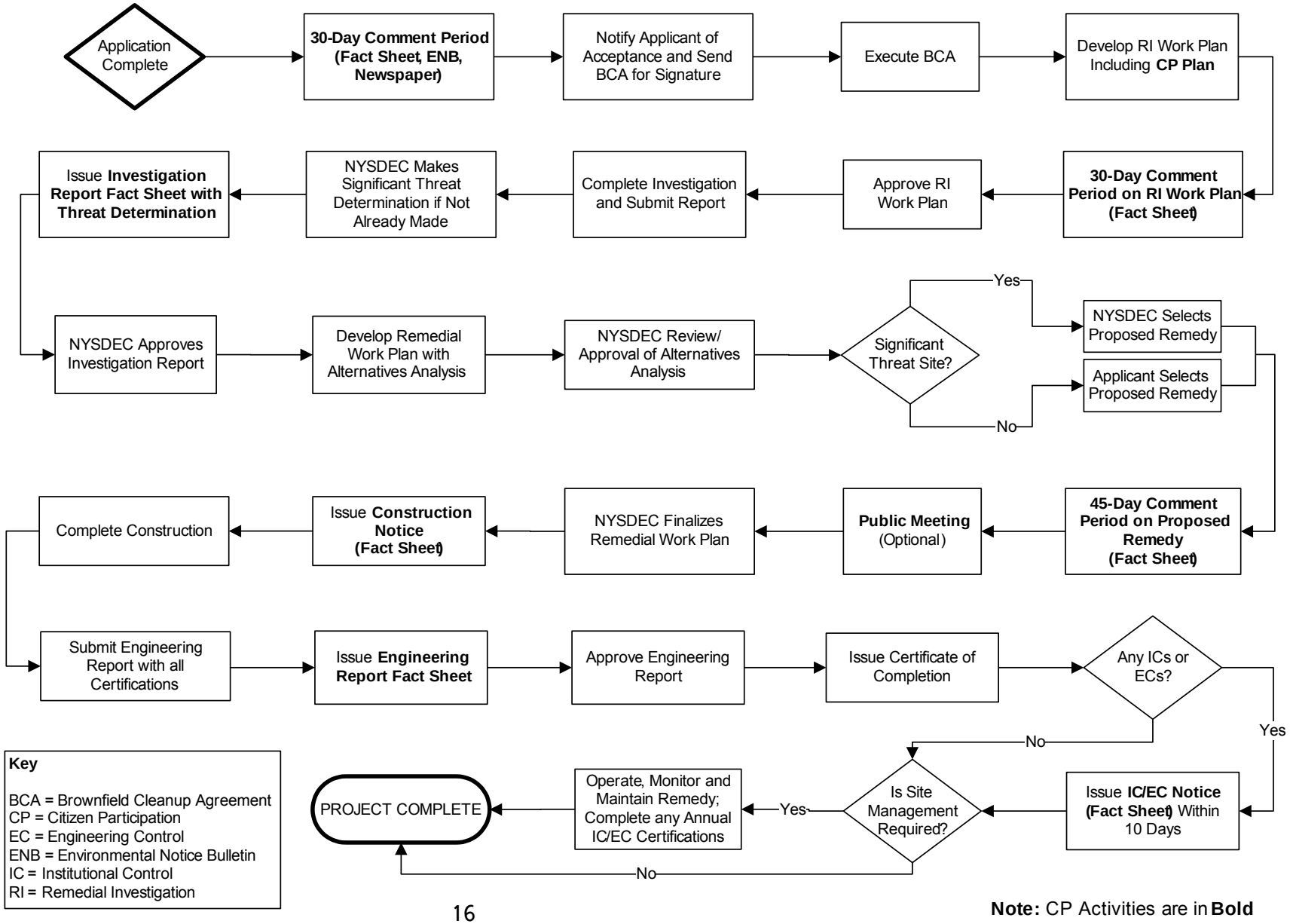
0.0 0 0.02 0.0 Miles

Erie County and its officials and employees assume no responsibility or legal liability for the accuracy, completeness, reliability, timeliness, or usefulness of any information provided. Tax parcel data was prepared for tax purposes only and is not to be reproduced or used for surveying or conveyancing.

ERIE COUNTY, NEW YORK
DEPARTMENT OF ENVIRONMENT & PLANNING
OFFICE OF GEOGRAPHIC INFORMATION SERVICES

LCS Project #: 12B2170.26

Appendix D– Brownfield Cleanup Program Process



Note: CP Activities are in **Bold**

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220; **Fax** (716) 851-7226
Website: www.dec.ny.gov

Joe Martens
Commissioner

November 12, 2013

Ms. Margaret Popek
Mr. Jeffrey Rowley
Lender Consulting Services, Inc.
40 La Riviere Drive
Suite 120
Buffalo, New York 14203

233 South Elmwood and 234 Delaware Avenue BCP Site
NYSDEC Site No. C915271
Interim Remedial Measures
Sample Grid 15 Soil Removal Exemption

Dear Ms. Popek and Mr. Rowley:

The New York State Department of Environmental Conservation (DEC) has reviewed the revised Interim Data Report by Lender Consulting Services, Inc. (LCS) dated October 31, 2013. The letter report contains interim data concerning bottom and sidewall confirmations samples from the petroleum remediation project. The data was presented in a request to leave trace levels of xylene impacted soil at sample grid 15 (approximately 3 ppm total) at a depth of 18 feet below ground surface that is slightly above the Track 1 soil cleanup objective of 0.26 ppm. The DEC will grant the exception to leave the residually contaminated soil at sample grid 15 at this depth. This exception only applies to this sample grid location at this depth for xylenes only. The residual level of this contaminant at this location will not affect the Track 1 cleanup goal for this project. The balance of the site remediation and existing data must meet the Track 1 cleanup criteria.

If you have any questions regarding the above, please feel free to contact me at 716-851-7220 or by email at ewmelnyk@gw.dec.state.ny.us.

Sincerely,

Eugene W. Melnyk, PE
Project Manager

ec:
Martin Doster – NYSDEC
Michael Cruden - NYSDEC
Ian Ushe – NYSDOH
Deanna Ripstein - NYSDOH

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, New York 14203-2915
Phone: (716) 851-7220; **Fax** (716) 851-7226
Website: www.dec.ny.gov

Joe Martens
Commissioner

May 8, 2013

Ms. Margaret Popek
Lender Consulting Services, Inc.
40 La Riviere Drive
Suite 120
Buffalo, New York 14203

233 South Elmwood and 234 Delaware Avenue BCP Site
NYSDEC Site No. C915271
Citizen Participation Plan

Dear Ms. Popek:

The New York State Department of Environmental Conservation (Department) has reviewed the Citizen Participation Plan (CPP) by Lender Consulting Services, Inc. (LCS) dated April 2013. The Department does not have any comments regarding this work plan. The CPP is hereby approved.

If you have any questions regarding the above, please feel free to contact me at 716-851-7220 or by email at ewmelnyk@gw.dec.state.ny.us.

Sincerely,

Eugene W. Melnyk, PE
Project Manager

ec:
Martin Doster – NYSDEC
Kristen Davidson - NYSDEC

Gmail by Google

Margaret Popek <mpopek@lenderconsulting.com>

233 South Elmwood BCP 12B2170.26

Andrea Skalski <aeskalsk@gw.dec.state.ny.us> Tue, Feb 18, 2014 at 1:35 PM
To: Margaret Popek <mpopek@lenderconsulting.com>

Maggie,

I closed out the two registered USTs at this site based on notes that Gene entered into the BCP portion of out database. I don't need anything further for those two tanks. Gene mentioned that there were some additional unregistered tanks which were found and removed. I do still need tank removal documents for those tanks so I can list them on the PBS registration. Please let me know if you have any further questions.

Andrea

Andrea Skalski, P.E.
Environmental Engineer
Bulk Storage Unit
NYSDEC Region 9
270 Michigan Ave
Buffalo, NY 14203

(716) 851-7220>>> Margaret Popek <mpopek@lenderconsulting.com> 2/18/2014 1:12 PM >>>
[Quoted text hidden]

Margaret Popek <mpopek@lenderconsulting.com>

Re: 12B2170.26 250 Delaware BCP - GW residuals

Eugene Melnyk <ewmelnyk@gw.dec.state.ny.us> Wed, Jun 11, 2014 at 11:54 AM
To: Doug Reid <dreid@lenderconsulting.com>, Jeff Rowley <jrowley@lenderconsulting.com>, Margaret Popek <mpopek@lenderconsulting.com>, Paperwork <paperwork@lenderconsulting.com>
Cc: Martin Doster <mldoster@gw.dec.state.ny.us>, Ian Ushe <zwelonke.ushe@health.ny.gov>

Maggie:
I discussed the groundwater residuals with my supervisor and the path forward with the BCP project.
An easement and SMP will likely not be required, but before a final determination is made on this matter, additional information is needed including if contaminant migration via groundwater and if soil vapor migration will be issues. These matters need to considered and explained in the alternative analysis section of the RI-IRM-AA Report given the bulk removal of the contaminant mass. So, provide the draft RI-IRM-AA Report as soon as you can which will provide us more information as to how this matter will be resolved.

Some considerations for the draft report. The area containing the benzene residual in groundwater is enclosed by the sheetpile that will remain and the new development in this area of the site will contain the parking ramp (and ground level shops facing Chippewa?). Also, my understanding that the tower section of the development project will have groundwater depression to prevent groundwater from seeping into the deep basement of the building project and serve as an additional means that may control groundwater migration at the site. These are factors for consideration in the RI-IRM-AA Report that we need to evaluate as does LCS. Also, consideration could be given to an additional remedial measure to "polish" the groundwater in the residual area with an in-situ groundwater remediation product as a final measure. This would be a measure that could be explored in the AA section of the report.

No further action is needed regarding the deminimus amount of soil in the pile corrugations.

Below is some internal guidance in dealing with the groundwater residuals on Track 1 sites. Use this guidance in the conducting the AA and preparing the RI-IRM-AA Report.

INTERNAL GUIDANCE

4. Scenario: Post remediation soils meet USCOs but on-site groundwater contamination causes SVI concerns and DOH requires an active engineering control (subslab depressurization system, HVAC modification to maintain positive pressure, or the like). Does this qualify as a Track 1 cleanup?

Determination: The active EC must be able to be shut down within 5 years of issuance of the certificate of completion (COC) in order to consider this a Track 1 cleanup. In this scenario, the COC is conditioned on the shut down of the active EC within 5 years [see 6NYCRR 375-3.8(e)(1)(iv)]. If that condition is not met the COC is rescinded and a modified COC (which would reflect the actual cleanup track achieved) would be issued.

5. Scenario: Post remediation soils meet USCOs but on-site groundwater contamination causes SVI concerns and a passive building component (vapor membrane, subgrade ventilated parking, or the like) is used to address SVI. Does it qualify as a Track 1 cleanup?

Determination: The passive building component would be considered to be part of the structure and does not require maintenance as part of the remedy. Therefore this would meet the Track 1 cleanup requirements.

7. Scenario: Post remediation soils meet USCOs but groundwater contamination from a remediated on-site source remains on-site above standards. Does this qualify as a Track 1 cleanup?

Determination: See 6NYCRR 375-3.8(e)(1). If the remedial party is a Volunteer and has demonstrated to the Department that there has been a bulk reduction in groundwater contamination to asymptotic levels, then a groundwater use restriction may be included as a component of the Track 1 remedy (Buffalo already has a restriction on groundwater use, and the site is serviced with public water). Otherwise, this would not qualify as a Track 1 cleanup. If the remedy includes continuing short term groundwater treatment, the COC is conditioned on the shut down of the active groundwater treatment within 5 years [see 6NYCRR 375-3.8(e)(1)(iv)]. If that condition is not met the COC is rescinded and a modified COC (which would reflect the actual cleanup track achieved) would be issued. In addition, if on-site groundwater contamination causes SVI concerns, see Determinations 4 and 5 above.

If you have any questions regarding the above, please contact us.
Gene

Eugene Melnyk, PE
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203
716-851-7220
email: ewmelnyk@gw.dec.state.ny.us

>>> Margaret Popek <mpopek@lenderconsulting.com> 6/9/2014 10:44 AM >>>
Hello Gene,

Attached are the analytical results for the confirmatory groundwater sampling at 250 Delaware. Benzene was above criteria in MW8 (in the corner between the trailer and South Elmwood), and just slightly above criteria in MW6 (next to the trailer along West Chippewa). I have also attached the results for the groundwater sampling conducted during the RI, and a draft figure showing the well locations. Assuming that the rest of the soil we removed meets unrestricted use criteria, please let us know if we will need an easement and SMP to pursue the unrestricted use status. Thanks again,

Maggie

Maggie Popek
Environmental Analyst
LCS, Inc.
40 La Riviere Drive, Suite 120
Buffalo, New York 14202
Office: 1-800-474-6802
Cell: (585) 370-0051

Maggie Popek

From: Eugene Melnyk <ewmelnyk@gw.dec.state.ny.us>
Sent: Thursday, March 21, 2013 2:51 PM
To: Maggie Popek
Subject: Re: BCP 233 South Elmwood and 234 Delaware

Maggie:
BCP credit eligibility begin once the BCP agreement begins. DEC Albany issues the draft agreement and one should be in the mail by next week. Once an agreement is finalized between the local DEC project attorney and the applicant attorney, the signing of the BCA by the director usually occurs within days of receipt in Albany.
Once the site is in the BCP, the DEC will issue any of the required factsheets. A factsheet for the proposed IRM will be one of the necessary factsheets.

All coordination with DOH will be thru the DEC. I will inquired with the assigned PM if they have any comments on the SI/IRM workplan. We did not receive any public comments on the application or workplans. I haven't received any comments from DOH yet. I do not have any comments on the scope of the investigation. I have a question on the IRM concerning the depth of the IRM excavation. In the case of petroleum, removal of impacted soils the smear zone would be sufficient. This is dependent on the extent of groundwater fluctuation over the years. I see in the workplan that the excavation may go down to 18 feet. Unless there is a seam or evidence of a downward migrating contaminant (ie DNAPLs), the depth of excavation will be governed by field screening and lab results from confirm samples.

Once the BCA is in effect, and workplan approvals are in place, the site work and investigation can commence. An updated schedule will suffice, and when specific activities are ready to begin, a 2-3 day notice for specific tasks is adequate. I see in your follow-on email that a geotech investigation will be implemented for the sheetpile design I was going to ask if there was any design details for this, but this will be in the works once the BCA is signed. I would imaging this would be one of the 1st tasks to be implemented as there will be the requisite time for data analysis and sheetpile design.

In the excavation IRM, the plan is to remove the petroleum source material. Much of this will be mainly in the smear zone and where the spill(s) initially occurred. Has your workplan considered that much of the soil above the smear zone and outside the spill area could be left onsite and used as backfill as long as it meets commercial use or protection of groundwater criteria. Only the soils from the smear zone. spill area and soil not meeting reuse criteria would require offsite disposal. The soil for reuse would be staged onsite, screened/sampled for reuse. This could be a big savings in soil management.
Also, when it comes to offsite management of impacted, it would be better to collect your soil samples for waste characterization in advance of any excavation work. Otherwise, if you collect soil samples for waste disposal characterization after soil excavation, direct load and disposal will not be possible.

I will track down a Citizen Participation Plan for you.

Hopefully the above will answer your questions.
Gene

>>> "Maggie Popek" <mpopek@lenderconsulting.com> 3/21/2013 8:48 AM >>>
Hello Gene,

For the BCP project at 233 South Elmwood and 234 Delaware - after BTC Block

20 signs the BCA, is there anything else that needs to happen (ex., fact sheets, approvals from health dept., etc.) before we can begin the on-site activities (RI, demolishing building, earthworks etc.)?

Will we need to edit the RI/IRM before we begin the on-site activities? We are trying to get a timeline together for the client.

Also, the tax credits begin on the day that BTC Block 20 signs the BCA, correct? Thanks again for all your help,

Maggie Popek

LCS, Inc.

Maggie Popek

From: Eugene Melnyk <ewmelnyk@gw.dec.state.ny.us>
Sent: Monday, September 16, 2013 2:17 PM
To: jrowley@lenderconsulting.com
Cc: Martin Doster; Doug Reid; Maggie Popek; Paperwork
Subject: Re: BCP South Elmwood, 12B2170.26

Jeff:
As a follow-up to our field discussion on Friday 8/13/2013, the IRM confirmation sampling requirements were re-reviewed and the following clarifications are offered:

- floor/bottom samples shall be collected on a 30 foot grid, as originally proposed, and analyzed for CP-51 list+TCL VOCs and CP-51 list SVOCs. For the current excavation area, two of the these floor samples shall also include the balance of RI parameters (metals, pesticides and PCBs).
- discrete sidewall samples of the smear zone shall be collected on every 30 foot lineal feet of sidewall and analyzed for CP-51 list+TCL VOCs and CP-51 list SVOCs. For the current excavation area, three of the these samples shall also include the balance of RI parameters (metals, pesticides and PCBs).
- approximately 4 composite side wall samples above the smear zone but below any fill material shall be taken for each soil horizon (in this case one for the sandy soil profile) shall be collected and composited from the final excavation sidewall and analyzed for the full suite of RI parameters to verify that the native soils meet Track 1 SCGs.
- any other materials exposed during the IRM excavation, such as the black stained fill/soil below the asphalt pavement and fill zones in former building foundations/basements, should be sampled discretely and characterized to determine if the material meets Track 1 SCGs. The characterization data would used to determine if additional measures are needed to manage this material.
- the goals of the IRM sampling is to confirm that the SCGs have been achieved and that this data provides additional information on the environmental conditions of the site at the limits of the IRM.

Additional sampling and analysis of newly exposed site conditions may be warranted and are often judgement decisions based upon any new condition exposed during the course of the work. The IRM sample results may also dictate that the revision to and expansion of the IRM workplan.

The RI is an iterative process, whereby new information may lead to additional data needs for the site. Also, any data gaps may require additional investigation efforts. In light of the observations of discolored fill material found in the area of one of the previous filling stations at the site, and review of the investigative boring logs around these areas, additional investigation of the site along the northern portion of the site appears necessary based upon these field observations of site conditions uncovered during the IRM and closer scrutiny of past commercial uses of the site. It would be prudent to utilize existing onsite excavation equipment to uncover the asphalt and explore several shallow test pits in the location of the other former filling station, former building adjacent to the veterinary office and former greenhouse at the northeast end of the parking lot to determine if there are soil/fill materials that may need characterization for the purposes of the RI and if additional management of impacted materials is necessary. However, if deemed necessary, additional investigation borings may be needed for the sitewide RI characterization In the end, LCS needs to ensure that sufficient data on environmental conditions is available for documenting the cleanup and sitewide assessment meets Track 1 SCGs.

If there are any additional questions or clarification regarding the above, a meeting may be warranted.

Sincerely
Gene

Eugene Melnyk, PE

NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203
716-851-7220
email: ewmelnyk@gw.dec.state.ny.us

>>> <jrowley@lenderconsulting.com> 9/12/2013 8:50 AM >>>
Hi Gene -

As per our conversation yesterday, we will sample the sidewalls every
20 linear feet and the bottom every 400 square feet for CP-51 list+TCL VOCs and CP-51 list SVOCs. In addition any material suspected to be chemically impacted will be excavated and shipped off-site for disposal.
In the event any material suspected to be chemically impacted cannot be excavated and we will proceed to sample it and have it analyzed by the laboratory prior to determine if such material is in fact chemically impacted above established cleanup objectives.

Please reply to this e-mail and indicated if we do (or do not) have the correct understanding of your Department*s requirements as outlined above.

We appreciate your dedication to ensuring a success completion of this project.

Jeffrey M Rowley
Senior Project Manager
LCS, Inc.
(P)1-800-474-6802
(C)716-570-6848

Gmail by Google

Margaret Popek <mpopek@lenderconsulting.com>

250 Delaware BCP ID C915271 12B2170.26

Eugene Melnyk <ewmelnyk@gw.dec.state.ny.us> Wed, Apr 23, 2014 at 11:59 AM
To: Doug Reid <dreid@lenderconsulting.com>, Jeff Rowley <jrowley@lenderconsulting.com>, Margaret Popek <mpopek@lenderconsulting.com>, Paperwork <paperwork@lenderconsulting.com>
Cc: Martin Doster <mldoster@gw.dec.state.ny.us>

Maggie:
After looking at all of the information on geotech monitoring well B-10, it is suitable to use this well in lieu of proposed monitoring well MW7. Once new monitoring wells MW6 and MW8 are installed as proposed and developed, synoptic water level and water sampling can begin to fulfill the RI/IRM data requirements.

If any other the building design geotech monitoring wells are in-place, please utilize them in gathering synoptic groundwater level measurements for the RI/IRM/AA report.

If you have any questions regarding the above, please contact me.
Gene

Eugene Melnyk, PE
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203
716-851-7220
email: ewmelnyk@gw.dec.state.ny.us

>>> Margaret Popek <mpopek@lenderconsulting.com> 4/22/2014 1:58 PM >>>
Hello Gene and Marty,

Thank you for the phone call. In Albany, the speakers recommended sending reports that are near completion, but may be missing some final items, for review in order to expedite the process. Our RI/IRM report is complete except for the parts about removing the last bit of petroleum-impacted soil from the northwestern portion of the Site (we have been waiting for months for the electric line to be moved), and the final confirmatory groundwater sampling. Would it help the review process to submit the RI/IRM report now with the understanding that this information will be forthcoming?

Also, we spoke with Gene regarding potentially using one of SJB's geotechnical wells as one of the three wells approved in the Work Plan to be installed in the backfilled petroleum-related excavation for final confirmatory groundwater sampling. This well, B-10 on the attached SJB map, was a 2" PVC well completed to a depth of 18.0 ft. Groundwater was reportedly encountered at a depth of 10 ft. This well would replace BCP MW7 on the attached LCS map. Wells BCP MW6 and BCP MW8 would still be installed. Please let us know if this plan and locations for the three confirmatory wells is acceptable. Thanks again,

Maggie

Maggie Popek
Environmental Analyst
1-800-474-6802

Maggie Popek

From: Jeff Rowley <jrowley@lenderconsulting.com>
Sent: Monday, July 22, 2013 9:29 AM
To: Doug; Maggie-LCS
Cc: paperwork@lenderconsulting.com
Subject: FW: Groundwater Samples, BCP Project, LCS#12B2170.26

For some reason, Gene's email went to my junk folder. We should be good with the well that we sampled.

-----Original Message-----
From: Eugene Melnyk [mailto:ewmelnyk@gw.dec.state.ny.us]
Sent: Friday, July 19, 2013 10:35 AM
To: Jeff Rowley
Cc: paperwork@lenderconsulting.com
Subject: Re: Groundwater Samples, BCP Project, LCS#12B2170.26

Jeff:
Looking at some older monitoring data, TPMW-5 is significantly more contaminated than TPMW-4. Using TPMW-5 will actually yield more useful on current GW quality. So plan on using the sampling from this well, and there is no need to sample the well originally scheduled for sampling.
If you have any questions regarding the above, please feel free to contact me.
Gene

Eugene Melnyk, PE
NYSDEC Region 9
Division of Environmental Remediation
270 Michigan Avenue
Buffalo, NY 14203
716-851-7220
email: ewmelnyk@gw.dec.state.ny.us

>>> "Jeff Rowley" <jrowley@lenderconsulting.com> 7/18/2013 10:24 AM >>>
Good morning Gene,

I was reviewing the analytical for the groundwater sampling event and I noticed that my field crew sampled the wrong well on the gas station property. They sampled TPMW5, when they should have sampled TPMW4. When you and I talked we obtained authorization to proceed with sampling TPMW4, TPMW6, and TPMW16. Are you okay with us omitting TPMW4 and using the data from TPMW5?

Thanks

Jeffrey M Rowley

Senior Project Manager

LCS, Inc.

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jrowley@lenderconsulting.com

APPENDIX F

South Elmwood Ave & West Chippewa St

Field Work Completed 7/18/2013

Sample Locations							
New York State Plane Coordinates (West)							
NAVD88 Elevations							
Point	**Name**	**Northing**	**Easting**	**Ground Elevation**	**Pipe/Riser Elevation**	**Cap Elevation**	**Note**
148	SV1	1053559.67	1069519.95	612.29	X	612.19	Destroyed
110	SV2	1053620.41	1069550.09	613.66	X	613.55	Destroyed
143	SV3	1053497.54	1069404.48	611.53	X	611.38	Destroyed
115	SV4	1053594.06	1069435.50	613.62	X	613.56	Destroyed
120	SV5	1053664.67	1069348.27	612.63	X	612.53	Destroyed
150	MW1	1053551.14	1069518.70	612.01	611.73	612.00	Destroyed
112	MW2	1053620.72	1069539.96	613.97	613.71	613.97	Destroyed
145	MW3	1053501.02	1069412.69	611.71	611.51	611.71	Destroyed
117	MW4	1053604.06	1069433.19	613.67	613.43	613.64	Destroyed
122	MW5	1053673.84	1069346.72	612.63	612.28	612.64	Destroyed
131	TPMW4	1053506.53	1069347.01	610.63	610.27	610.61	Destroyed
128	TPMW6	1053518.15	1069304.09	610.19	609.87	610.19	Destroyed
125	TPMW16	1053566.53	1069298.35	610.11	609.79	610.08	Destroyed
	TPMW5					610.27	Destroyed
D59	MW6	1053508.56	1069388.39	610.64	613.56	X	
D58	MW7	1053665.37	1069406.44	610.70	613.68	X	
D63	MW8	1053520.03	1069324.38	609.51	612.16	X	
Point	**Name**	**Northing**	**Easting**	**Ground Elevation**	**Pipe Elevation**	**Cap Elevation**	**Note**

TPMW5, TPMW16, TPMS6 revised August 8, 2013

MW6, 7, 8 added August 2, 2014

Bouwer and Rice Slug-Test Method

$$K = \frac{r_c^2 \ln\left(\frac{R_e}{r_w}\right)}{2L} \times \frac{1}{t} \ln\left(\frac{y_0}{y_t}\right)$$

where

K = Hydraulic conductivity

r_c = Radius of the well casing

Since the water level in the well is rising through the screened portion of the well, the permeable gravel envelope surrounding the well screen must be included in the value for r_c. In this case:

$r_c = [r_s^2 + n_g(r_w^2 - r_s^2)]^{1/2}$, where

r_s = radius of well screen

n_g = porosity of gravel envelope

r_w = radius of well casing plus thickness of gravel envelope

R_e = Effective radial distance over which head is dissipated

L = Length of screen through which water can enter

Since the water level in the well is rising through the screened portion of the well, L is represented as the distance between the static water level (measured as depth below top of casing, BTOC) and the bottom of the well screen (measured as depth below top of casing).

y = Drawdown in well relative to static water level outside of well

y_0 = Drawdown at time t = 0

y_t = Drawdown at time t = t

t = time since y = y_0

If H, the distance from the static water table to the bottom of the borehole or well screen, is less than D, the saturated thickness of the aquifer, then $\ln\left(\frac{R_e}{r_w}\right) = \left[\frac{1.1}{\ln(\frac{H}{r_w})} + \frac{A+B\ln[(D-H)/r_w]}{L/r_w}\right]^{-1}$, where A, B, and C are dimensionless parameters that can be taken from Figure 3, Bouwer and Rice 1976. A maximum value of 6 should be used for the term $\ln[(D-H)/r_w]$. The base of the shallow overburden aquifer is assumed to be depth of bedrock = 45 feet below ground surface.

The value for the term $\frac{1}{t}\ln\left(\frac{y_0}{y_t}\right)$ is calculated as the slope of the second straight-line segment (for the case in which the static water level is located within the screened interval with a highly permeable gravel zone adjacent to the undisturbed aquifer) of a plot of t (x-axis) versus y (y-axis), with y plotted on a logarithmic scale.

BCP MW1 Data

Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)*
6/26/2013 13:52	0	3.122459	13.870239	7.209662
6/26/2013 13:52	0.251	3.12154	13.88739	7.207539
6/26/2013 13:52	0.501	3.121075	13.903107	7.206465
6/26/2013 13:52	0.751	3.120707	13.910736	7.205615
6/26/2013 13:52	1.001	3.120087	13.917419	7.204184
6/26/2013 13:52	1.251	3.120678	13.91983	7.205549
6/26/2013 13:52	1.501	3.121456	13.924103	7.207345
6/26/2013 13:52	1.751	3.120859	13.930756	7.205967
6/26/2013 13:52	2.001	3.120762	13.93222	7.205742
6/26/2013 13:52	2.251	3.120052	13.93222	7.204104
6/26/2013 13:52	2.501	3.120203	13.937897	7.204452
6/26/2013 13:52	2.751	3.120235	13.934082	7.204527
6/26/2013 13:52	3.001	3.119829	13.938873	7.203589
6/26/2013 13:52	3.251	3.120142	13.93985	7.204311
6/26/2013 13:52	3.501	3.119865	13.939362	7.203673
6/26/2013 13:52	3.751	3.120922	13.939362	7.206112
6/26/2013 13:52	4.001	3.120401	13.940308	7.20491
6/26/2013 13:52	4.251	3.119555	13.940308	7.202955
6/26/2013 13:52	4.501	3.120235	13.940796	7.204527
6/26/2013 13:52	4.751	3.119654	13.940308	7.203184
6/26/2013 13:52	5.001	3.120235	13.9422	7.204527
6/26/2013 13:52	5.251	3.119555	13.946014	7.202955
6/26/2013 13:52	5.501	3.120401	13.946503	7.20491
6/26/2013 13:52	5.751	3.119993	13.945068	7.203968
6/26/2013 13:52	6.001	3.120176	13.943665	7.20439
6/26/2013 13:52	6.251	3.120581	13.942688	7.205324
6/26/2013 13:52	6.501	3.119648	13.94458	7.20317
6/26/2013 13:52	6.751	3.120201	13.945068	7.204448
6/26/2013 13:52	7.001	3.121237	13.943665	7.206839
6/26/2013 13:52	7.251	3.119888	13.943665	7.203725
6/26/2013 13:52	7.501	3.120014	13.946014	7.204016
6/26/2013 13:52	7.751	3.120268	13.946014	7.204601
6/26/2013 13:52	8.001	3.12023	13.946014	7.204514
6/26/2013 13:52	8.251	3.119549	13.945068	7.202941
6/26/2013 13:52	8.501	3.11899	13.945068	7.201652
6/26/2013 13:52	8.751	3.120323	13.947906	7.20473
6/26/2013 13:52	9.001	3.120424	13.944122	7.204963
6/26/2013 13:52	9.251	3.120136	13.944122	7.204298
6/26/2013 13:52	9.501	3.120323	13.94458	7.20473
6/26/2013 13:52	9.751	3.120047	13.946014	7.204091

6/26/2013 13:52	10.001	3.119423	13.946014	7.202651
6/26/2013 13:52	10.251	3.121695	13.946014	7.207897
6/26/2013 13:52	10.501	3.120487	13.945068	7.205108
6/26/2013 13:52	10.751	3.120762	13.9422	7.205742
6/26/2013 13:52	11.001	3.120296	13.943665	7.204669
6/26/2013 13:52	11.251	3.120136	13.945068	7.204298
6/26/2013 13:52	11.501	3.12023	13.947906	7.204514
6/26/2013 13:52	11.751	3.12023	13.945068	7.204514
6/26/2013 13:52	12.001	3.122915	13.944122	7.210714
6/26/2013 13:52	12.251	3.123882	13.945526	7.212947
6/26/2013 13:52	12.501	3.140121	13.94458	7.250443
6/26/2013 13:52	12.751	3.139811	13.945068	7.249725
6/26/2013 13:52	13.001	3.142145	13.946014	7.255116
6/26/2013 13:52	13.251	3.687199	13.943176	8.513627
6/26/2013 13:52	13.501	4.558464	13.946503	10.525352
6/26/2013 13:52	13.751	4.328074	13.945068	9.993387
6/26/2013 13:52	14.001	3.984266	13.945526	9.199548
6/26/2013 13:52	14.251	3.79299	13.945068	8.757895
6/26/2013 13:52	14.501	3.91436	13.943665	9.038136
6/26/2013 13:52	14.751	3.086716	13.945526	7.127131
6/26/2013 13:52	15.001	3.190941	13.946014	7.367784
6/26/2013 13:52	15.251	3.524397	13.945526	8.137723
6/26/2013 13:52	15.501	3.473642	13.943176	8.020534
6/26/2013 13:52	15.751	3.432749	13.943665	7.926111
6/26/2013 13:52	16.001	3.448732	13.942688	7.963017
6/26/2013 13:52	16.251	3.431	13.943176	7.922072
6/26/2013 13:52	16.501	3.429943	13.9422	7.919632
6/26/2013 13:52	16.751	3.424271	13.944122	7.906535
6/26/2013 13:52	17.001	3.420553	13.941711	7.897952
6/26/2013 13:52	17.251	3.414412	13.945068	7.88377
6/26/2013 13:52	17.511	3.410114	13.943665	7.873848
6/26/2013 13:52	17.751	3.407368	13.94458	7.867507
6/26/2013 13:52	18.001	3.402079	13.945526	7.855294
6/26/2013 13:52	18.251	3.399422	13.946503	7.849159
6/26/2013 13:52	18.501	3.395525	13.9422	7.840162
6/26/2013 13:52	18.751	3.392939	13.941711	7.83419
6/26/2013 13:52	19.001	3.387577	13.944122	7.82181
6/26/2013 13:52	19.251	3.385548	13.94458	7.817124
6/26/2013 13:52	19.501	3.381157	13.944122	7.806987
6/26/2013 13:52	19.751	3.376762	13.945068	7.79684
6/26/2013 13:52	20.001	3.372795	13.942688	7.787679
6/26/2013 13:52	20.251	3.36903	13.945068	7.778986
6/26/2013 13:52	20.501	3.366135	13.941223	7.7723
6/26/2013 13:52	20.751	3.361269	13.941223	7.761066
6/26/2013 13:52	21.001	3.357367	13.9422	7.752055
6/26/2013 13:52	21.251	3.353691	13.93985	7.743569

6/26/2013 13:52	21.501	3.349201	13.940308	7.733202
6/26/2013 13:52	21.751	3.346239	13.938873	7.726362
6/26/2013 13:52	22.001	3.342588	13.943665	7.717933
6/26/2013 13:52	22.251	3.338509	13.940796	7.708513
6/26/2013 13:52	22.501	3.335146	13.941223	7.700749
6/26/2013 13:52	22.751	3.332773	13.937439	7.69527
6/26/2013 13:52	23.001	3.328724	13.943176	7.68592
6/26/2013 13:52	23.251	3.325764	13.941223	7.679085
6/26/2013 13:52	23.501	3.322542	13.941711	7.671647
6/26/2013 13:52	23.751	3.319557	13.941223	7.664755
6/26/2013 13:52	24.001	3.317026	13.941711	7.658911
6/26/2013 13:52	24.251	3.313387	13.936951	7.650507
6/26/2013 13:52	24.501	3.31008	13.941223	7.642871
6/26/2013 13:52	24.751	3.307835	13.939362	7.637688
6/26/2013 13:52	25.001	3.305435	13.940308	7.632147
6/26/2013 13:52	25.251	3.302601	13.941223	7.625603
6/26/2013 13:52	25.501	3.300331	13.939362	7.620362
6/26/2013 13:52	25.751	3.297235	13.93985	7.613214
6/26/2013 13:52	26.001	3.294149	13.93985	7.606089
6/26/2013 13:52	26.251	3.292526	13.941223	7.602341
6/26/2013 13:52	26.501	3.289692	13.940796	7.595797
6/26/2013 13:52	26.751	3.288443	13.940308	7.592912
6/26/2013 13:52	27.001	3.28521	13.941223	7.585447
6/26/2013 13:52	27.251	3.283339	13.938385	7.581127
6/26/2013 13:52	27.501	3.281523	13.939362	7.576934
6/26/2013 13:52	27.751	3.279253	13.93985	7.571694
6/26/2013 13:52	28.001	3.277044	13.93985	7.566594
6/26/2013 13:52	28.251	3.274857	13.940308	7.561543
6/26/2013 13:52	28.501	3.272802	13.938873	7.5568
6/26/2013 13:52	28.751	3.271799	13.936035	7.554483
6/26/2013 13:52	29.001	3.269432	13.936493	7.549017
6/26/2013 13:52	29.251	3.268587	13.938385	7.547066
6/26/2013 13:52	29.501	3.26631	13.936035	7.541809
6/26/2013 13:52	29.751	3.26469	13.936951	7.538069
6/26/2013 13:52	30.001	3.265434	13.937439	7.539787
6/26/2013 13:52	30.251	3.262325	13.939362	7.532608
6/26/2013 13:52	30.501	3.260082	13.936493	7.527429
6/26/2013 13:52	30.751	3.257488	13.938385	7.521439
6/26/2013 13:52	31.001	3.256865	13.938385	7.52
6/26/2013 13:52	31.251	3.255188	13.937897	7.516129
6/26/2013 13:52	31.501	3.254004	13.935059	7.513393
6/26/2013 13:52	31.751	3.253374	13.935547	7.51194
6/26/2013 13:52	32.001	3.251255	13.936035	7.507047
6/26/2013 13:52	32.251	3.24954	13.936951	7.503088
6/26/2013 13:52	32.501	3.248762	13.938385	7.501292
6/26/2013 13:52	32.751	3.246054	13.936493	7.495038
6/26/2013 13:52	33.001	3.245745	13.935547	7.494324

6/26/2013 13:52	33.251	3.245211	13.936951	7.493091
6/26/2013 13:52	33.501	3.244087	13.93457	7.490497
6/26/2013 13:52	33.751	3.242334	13.936951	7.48645
6/26/2013 13:52	34.001	3.248796	13.936035	7.50137
6/26/2013 13:52	34.251	3.248762	13.936035	7.501292
6/26/2013 13:52	34.501	3.243343	13.935547	7.488779
6/26/2013 13:52	34.751	3.236631	13.933624	7.473282
6/26/2013 13:52	35.001	3.235952	13.932678	7.471714
6/26/2013 13:52	35.251	3.234579	13.934082	7.468543
6/26/2013 13:52	35.501	3.233866	13.936493	7.466896
6/26/2013 13:52	35.751	3.233143	13.936493	7.465227
6/26/2013 13:52	36.001	3.232021	13.936035	7.462637
6/26/2013 13:52	36.251	3.230742	13.936035	7.459682
6/26/2013 13:52	36.501	3.229771	13.93457	7.457441
6/26/2013 13:52	36.751	3.229118	13.93457	7.455934
6/26/2013 13:52	37.001	3.22891	13.935547	7.455454
6/26/2013 13:52	37.251	3.22863	13.936035	7.454806
6/26/2013 13:52	37.501	3.226412	13.932678	7.449685
6/26/2013 13:52	37.751	3.22579	13.932678	7.44825
6/26/2013 13:52	38.001	3.225384	13.935547	7.447311
6/26/2013 13:53	38.251	3.224258	13.935547	7.444713
6/26/2013 13:53	38.501	3.22283	13.936035	7.441414
6/26/2013 13:53	38.751	3.223318	13.930298	7.442542
6/26/2013 13:53	39.001	3.225197	13.934082	7.446879
6/26/2013 13:53	39.251	3.223452	13.933624	7.44285
6/26/2013 13:53	39.501	3.220108	13.93457	7.43513
6/26/2013 13:53	39.751	3.219244	13.935547	7.433135
6/26/2013 13:53	40.001	3.21874	13.933624	7.431972
6/26/2013 13:53	40.251	3.219023	13.935059	7.432624
6/26/2013 13:53	40.501	3.218424	13.933167	7.431241
6/26/2013 13:53	40.751	3.216339	13.933624	7.426427
6/26/2013 13:53	41.001	3.214106	13.934082	7.421269
6/26/2013 13:53	41.251	3.215466	13.933624	7.42441
6/26/2013 13:53	41.501	3.214106	13.934082	7.421269
6/26/2013 13:53	41.751	3.214474	13.936035	7.42212
6/26/2013 13:53	42.001	3.213947	13.936035	7.420905
6/26/2013 13:53	42.251	3.213726	13.93222	7.420393
6/26/2013 13:53	42.501	3.212721	13.933624	7.418073
6/26/2013 13:53	42.751	3.212694	13.935547	7.418011
6/26/2013 13:53	43.001	3.211575	13.931244	7.415426
6/26/2013 13:53	43.251	3.210419	13.933167	7.412757
6/26/2013 13:53	43.501	3.209293	13.935059	7.410159
6/26/2013 13:53	43.751	3.208704	13.93457	7.408798
6/26/2013 13:53	44.001	3.207113	13.93457	7.405126
6/26/2013 13:53	44.251	3.207426	13.93457	7.405848
6/26/2013 13:53	44.501	3.207619	13.933624	7.406292
6/26/2013 13:53	44.751	3.206705	13.934082	7.404183

6/26/2013 13:53	45.001	3.205841	13.933624	7.402187
6/26/2013 13:53	45.251	3.204969	13.934082	7.400175
6/26/2013 13:53	45.501	3.204214	13.932678	7.398431
6/26/2013 13:53	45.751	3.203913	13.935547	7.397735
6/26/2013 13:53	46.001	3.203716	13.934082	7.397282
6/26/2013 13:53	46.251	3.203346	13.933167	7.396427
6/26/2013 13:53	46.501	3.202597	13.93457	7.394696
6/26/2013 13:53	46.751	3.201973	13.932678	7.393257
6/26/2013 13:53	47.001	3.201508	13.933624	7.392181
6/26/2013 13:53	47.251	3.201132	13.93457	7.391314
6/26/2013 13:53	47.501	3.200134	13.934082	7.389011
6/26/2013 13:53	47.751	3.200001	13.932678	7.388703
6/26/2013 13:53	48.001	3.199852	13.931732	7.388359
6/26/2013 13:53	48.251	3.199512	13.931732	7.387575
6/26/2013 13:53	48.501	3.198111	13.933167	7.384338
6/26/2013 13:53	48.751	3.197607	13.934082	7.383176
6/26/2013 13:53	49.001	3.197859	13.933167	7.383756
6/26/2013 13:53	49.251	3.197859	13.93222	7.383756
6/26/2013 13:53	49.501	3.195793	13.933624	7.378987
6/26/2013 13:53	49.751	3.196268	13.93222	7.380085
6/26/2013 13:53	50.001	3.195425	13.935059	7.378138
6/26/2013 13:53	50.251	3.194988	13.936035	7.377129
6/26/2013 13:53	50.501	3.195145	13.934082	7.37749
6/26/2013 13:53	50.751	3.194427	13.93457	7.375834
6/26/2013 13:53	51.001	3.194805	13.933167	7.376706
6/26/2013 13:53	51.251	3.193796	13.93222	7.374376
6/26/2013 13:53	51.501	3.19315	13.934082	7.372883
6/26/2013 13:53	51.751	3.192556	13.93457	7.371514
6/26/2013 13:53	52.001	3.192688	13.93222	7.371817
6/26/2013 13:53	52.251	3.191713	13.935547	7.369567
6/26/2013 13:53	52.501	3.191931	13.93222	7.370069
6/26/2013 13:53	52.751	3.191469	13.932678	7.369004
6/26/2013 13:53	53.001	3.191496	13.935059	7.369065
6/26/2013 13:53	53.251	3.190432	13.931732	7.366608
6/26/2013 13:53	53.501	3.190191	13.93222	7.366053
6/26/2013 13:53	53.751	3.189474	13.933624	7.364397
6/26/2013 13:53	54.001	3.189589	13.93222	7.364661
6/26/2013 13:53	54.251	3.18906	13.933167	7.363441
6/26/2013 13:53	54.501	3.189377	13.930756	7.364172
6/26/2013 13:53	54.751	3.18906	13.930756	7.363441
6/26/2013 13:53	55.001	3.188381	13.932678	7.361873
6/26/2013 13:53	55.251	3.19059	13.93457	7.366973
6/26/2013 13:53	55.501	3.188192	13.933167	7.361437
6/26/2013 13:53	55.751	3.187725	13.933624	7.360359
6/26/2013 13:53	56.001	3.186949	13.932678	7.358566
6/26/2013 13:53	56.251	3.18692	13.935059	7.3585
6/26/2013 13:53	56.501	3.187201	13.93457	7.359147

6/26/2013 13:53	56.751	3.185413	13.933167	7.355021
6/26/2013 13:53	57.001	3.185854	13.93457	7.356038
6/26/2013 13:53	57.251	3.186535	13.934082	7.35761
6/26/2013 13:53	57.501	3.184948	13.931244	7.353946
6/26/2013 13:53	57.751	3.184738	13.932678	7.353462
6/26/2013 13:53	58.001	3.184923	13.931244	7.353889
6/26/2013 13:53	58.251	3.183853	13.93222	7.351418
6/26/2013 13:53	58.501	3.183832	13.933624	7.351369
6/26/2013 13:53	58.751	3.184204	13.933624	7.352228
6/26/2013 13:53	59.001	3.182554	13.931244	7.348419
6/26/2013 13:53	59.251	3.183586	13.933624	7.350801
6/26/2013 13:53	59.501	3.182796	13.933624	7.348978
6/26/2013 13:53	59.751	3.18343	13.931732	7.350441
6/26/2013 13:53	60.001	3.181679	13.93222	7.346398
6/26/2013 13:53	60.251	3.181019	13.93222	7.344874
6/26/2013 13:53	60.501	3.181389	13.933167	7.345728
6/26/2013 13:53	60.751	3.181269	13.931244	7.34545
6/26/2013 13:53	61.001	3.181898	13.933167	7.346904
6/26/2013 13:53	61.251	3.180834	13.93222	7.344447
6/26/2013 13:53	61.501	3.180178	13.933624	7.342932
6/26/2013 13:53	61.751	3.179649	13.931244	7.341712
6/26/2013 13:53	62.001	3.179745	13.931244	7.341932
6/26/2013 13:53	62.251	3.180119	13.931732	7.342795
6/26/2013 13:53	62.501	3.178926	13.93222	7.340043
6/26/2013 13:53	62.751	3.178785	13.934082	7.339717
6/26/2013 13:53	63.001	3.179306	13.932678	7.340919
6/26/2013 13:53	63.251	3.178907	13.93222	7.339999
6/26/2013 13:53	63.501	3.178099	13.931732	7.338131
6/26/2013 13:53	63.751	3.178341	13.931732	7.338691
6/26/2013 13:53	64.001	3.178061	13.930298	7.338044
6/26/2013 13:53	64.251	3.178341	13.930756	7.338691
6/26/2013 13:53	64.501	3.177723	13.933624	7.337264
6/26/2013 13:53	64.751	3.17679	13.934082	7.33511
6/26/2013 13:53	65.001	3.177467	13.932678	7.336673
6/26/2013 13:53	65.251	3.17766	13.933624	7.337118
6/26/2013 13:53	65.501	3.177908	13.930298	7.337692
6/26/2013 13:53	65.751	3.17712	13.932678	7.335872
6/26/2013 13:53	66.001	3.176941	13.93457	7.335458
6/26/2013 13:53	66.251	3.176224	13.93222	7.333803
6/26/2013 13:53	66.501	3.176441	13.933624	7.334304
6/26/2013 13:53	66.751	3.175882	13.933167	7.333014
6/26/2013 13:53	67.001	3.174828	13.933167	7.330578
6/26/2013 13:53	67.251	3.1751	13.930298	7.331208
6/26/2013 13:53	67.501	3.174973	13.92984	7.330913
6/26/2013 13:53	67.751	3.174227	13.933167	7.329191
6/26/2013 13:53	67.996	3.174671	13.933624	7.330217
6/26/2013 13:53	68.251	3.174627	13.92984	7.330116

6/26/2013 13:53	68.501	3.174759	13.931732	7.33042
6/26/2013 13:53	68.751	3.172956	13.931732	7.326258
6/26/2013 13:53	69.001	3.173759	13.93222	7.328112
6/26/2013 13:53	69.251	3.173046	13.932678	7.326465
6/26/2013 13:53	69.501	3.173946	13.933624	7.328544
6/26/2013 13:53	69.751	3.173912	13.931244	7.328465
6/26/2013 13:53	70.001	3.173819	13.93222	7.328249
6/26/2013 13:53	70.251	3.173578	13.933167	7.327694
6/26/2013 13:53	70.501	3.172667	13.930298	7.325588
6/26/2013 13:53	70.751	3.172607	13.934082	7.325452
6/26/2013 13:53	71.001	3.172169	13.933167	7.32444
6/26/2013 13:53	71.251	3.172518	13.932678	7.325246
6/26/2013 13:53	71.501	3.172733	13.930756	7.325743
6/26/2013 13:53	71.751	3.17186	13.931244	7.323726
6/26/2013 13:53	72.001	3.171762	13.932678	7.323501
6/26/2013 13:53	72.251	3.172169	13.932678	7.32444
6/26/2013 13:53	72.501	3.17145	13.93457	7.322779
6/26/2013 13:53	72.751	3.171288	13.931732	7.322405
6/26/2013 13:53	73.001	3.171198	13.931732	7.322197
6/26/2013 13:53	73.251	3.171331	13.93222	7.322506
6/26/2013 13:53	73.501	3.171638	13.930756	7.323215
6/26/2013 13:53	73.751	3.171242	13.932678	7.322299
6/26/2013 13:53	74.001	3.170013	13.933624	7.319463
6/26/2013 13:53	74.251	3.170801	13.931244	7.321281
6/26/2013 13:53	74.501	3.170046	13.93457	7.319537
6/26/2013 13:53	74.751	3.170492	13.931244	7.320568
6/26/2013 13:53	75.001	3.169397	13.935059	7.31804
6/26/2013 13:53	75.251	3.16971	13.933624	7.318762
6/26/2013 13:53	75.501	3.168896	13.933624	7.316883
6/26/2013 13:53	75.751	3.16927	13.93222	7.317745
6/26/2013 13:53	76.001	3.168835	13.933624	7.316741
6/26/2013 13:53	76.251	3.168058	13.93222	7.314948
6/26/2013 13:53	76.501	3.168768	13.930756	7.316587
6/26/2013 13:53	76.751	3.168713	13.932678	7.316459
6/26/2013 13:53	77.001	3.16818	13.931244	7.31523
6/26/2013 13:53	77.251	3.167959	13.933624	7.31472
6/26/2013 13:53	77.501	3.168118	13.930756	7.315086
6/26/2013 13:53	77.751	3.167212	13.93222	7.312993
6/26/2013 13:53	78.001	3.168118	13.933624	7.315086
6/26/2013 13:53	78.251	3.167959	13.930298	7.31472
6/26/2013 13:53	78.501	3.167143	13.934082	7.312835
6/26/2013 13:53	78.751	3.166656	13.933167	7.311711
6/26/2013 13:53	79.001	3.166899	13.931732	7.312271
6/26/2013 13:53	79.251	3.166277	13.930298	7.310835
6/26/2013 13:53	79.501	3.165876	13.931732	7.309911
6/26/2013 13:53	79.751	3.166	13.93222	7.310196
6/26/2013 13:53	80.001	3.166307	13.931732	7.310905

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6/26/2013 13:53	80.751	3.16634	13.934082	7.310981
6/26/2013 13:53	81.001	3.166161	13.93222	7.310567
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6/26/2013 13:53	81.501	3.166086	13.93222	7.310396
6/26/2013 13:53	81.751	3.165243	13.932678	7.308448
6/26/2013 13:53	82.001	3.165281	13.930756	7.308536
6/26/2013 13:53	82.251	3.165131	13.93222	7.308189
6/26/2013 13:53	82.501	3.164433	13.930756	7.306577
6/26/2013 13:53	82.751	3.16494	13.935547	7.307748
6/26/2013 13:53	83.001	3.164995	13.930298	7.307875
6/26/2013 13:53	83.251	3.164967	13.933167	7.307809
6/26/2013 13:53	83.501	3.16416	13.93222	7.305947
6/26/2013 13:53	83.751	3.164722	13.93222	7.307246
6/26/2013 13:53	84.001	3.163849	13.930756	7.305229
6/26/2013 13:53	84.251	3.164875	13.93457	7.307598
6/26/2013 13:53	84.501	3.163935	13.931732	7.305427
6/26/2013 13:53	84.751	3.16431	13.93222	7.306294
6/26/2013 13:53	85.001	3.164129	13.933624	7.305877
6/26/2013 13:53	85.251	3.164288	13.930756	7.306242
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6/26/2013 13:53	85.751	3.163597	13.932678	7.304647
6/26/2013 13:53	86.001	3.163158	13.930756	7.303635
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6/26/2013 13:53	86.501	3.162943	13.92984	7.303137
6/26/2013 13:53	86.751	3.162695	13.93222	7.302565
6/26/2013 13:53	87.001	3.162725	13.932678	7.302635
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6/26/2013 13:53	87.501	3.162849	13.931732	7.302921
6/26/2013 13:53	87.751	3.161968	13.933167	7.300887
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6/26/2013 13:53	91.001	3.161163	13.930756	7.299028
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6/26/2013 13:53	91.751	3.161163	13.92984	7.299028

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6/26/2013 13:53	92.501	3.160919	13.933624	7.298464
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6/26/2013 13:53	97.751	3.158583	13.930298	7.29307
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6/26/2013 13:54	98.751	3.157013	13.932678	7.289445
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6/26/2013 13:54	99.251	3.157701	13.931244	7.291035
6/26/2013 13:54	99.501	3.157013	13.930756	7.289445
6/26/2013 13:54	99.751	3.158112	13.931244	7.291981
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6/26/2013 13:54	100.251	3.156927	13.93222	7.289247
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6/26/2013 13:54	101.751	3.156643	13.932678	7.28859
6/26/2013 13:54	102.001	3.156765	13.93222	7.288872
6/26/2013 13:54	102.251	3.156015	13.934082	7.287142
6/26/2013 13:54	102.501	3.155931	13.93457	7.286948
6/26/2013 13:54	102.751	3.156143	13.93222	7.287437
6/26/2013 13:54	103.001	3.156326	13.933167	7.28786
6/26/2013 13:54	103.251	3.156326	13.933624	7.28786
6/26/2013 13:54	103.501	3.155523	13.930298	7.286005

6/26/2013 13:54	103.751	3.155554	13.933167	7.286077
6/26/2013 13:54	104.001	3.155838	13.931732	7.286732
6/26/2013 13:54	104.251	3.156052	13.934082	7.287226
6/26/2013 13:54	104.501	3.155279	13.935059	7.285442
6/26/2013 13:54	104.751	3.155869	13.932678	7.286803
6/26/2013 13:54	105.001	3.154991	13.933624	7.284777
6/26/2013 13:54	105.251	3.155647	13.931732	7.286292
6/26/2013 13:54	105.501	3.15531	13.933167	7.285512
6/26/2013 13:54	105.751	3.155184	13.93222	7.285222
6/26/2013 13:54	106.001	3.155251	13.93222	7.285376
6/26/2013 13:54	106.251	3.154491	13.934082	7.283623
6/26/2013 13:54	106.501	3.154581	13.932678	7.28383
6/26/2013 13:54	106.751	3.154676	13.934082	7.28405
6/26/2013 13:54	107.001	3.154743	13.933167	7.284204
6/26/2013 13:54	107.251	3.154835	13.93222	7.284415
6/26/2013 13:54	107.501	3.154308	13.934082	7.2832
6/26/2013 13:54	107.751	3.153431	13.932678	7.281174
6/26/2013 13:54	108.001	3.153774	13.932678	7.281967
6/26/2013 13:54	108.251	3.154335	13.931732	7.283262
6/26/2013 13:54	108.501	3.154091	13.930756	7.282698
6/26/2013 13:54	108.751	3.154491	13.93222	7.283623
6/26/2013 13:54	109.001	3.15424	13.936493	7.283041
6/26/2013 13:54	109.251	3.153774	13.935547	7.281967
6/26/2013 13:54	109.501	3.154215	13.93457	7.282984
6/26/2013 13:54	109.751	3.152693	13.934082	7.27947
6/26/2013 13:54	110.001	3.153151	13.933167	7.280527
6/26/2013 13:54	110.251	3.15325	13.933624	7.280756
6/26/2013 13:54	110.501	3.154335	13.930756	7.283262
6/26/2013 13:54	110.751	3.153864	13.933167	7.282174
6/26/2013 13:54	111.001	3.153276	13.93222	7.280818
6/26/2013 13:54	111.251	3.152843	13.933167	7.279818
6/26/2013 13:54	111.501	3.152588	13.930756	7.279228
6/26/2013 13:54	111.751	3.15325	13.93222	7.280756
6/26/2013 13:54	112.001	3.153027	13.93222	7.280241
6/26/2013 13:54	112.251	3.15234	13.933624	7.278655
6/26/2013 13:54	112.501	3.152248	13.933167	7.278444
6/26/2013 13:54	112.751	3.153276	13.933624	7.280818
6/26/2013 13:54	113.001	3.152714	13.933624	7.279519
6/26/2013 13:54	113.251	3.15325	13.934082	7.280756
6/26/2013 13:54	113.501	3.15197	13.930756	7.277801
6/26/2013 13:54	113.751	3.152248	13.933167	7.278444
6/26/2013 13:54	114.001	3.15234	13.931732	7.278655
6/26/2013 13:54	114.251	3.152998	13.93457	7.280175
6/26/2013 13:54	114.501	3.15234	13.93222	7.278655
6/26/2013 13:54	114.751	3.151756	13.933167	7.277307
6/26/2013 13:54	115.001	3.15234	13.932678	7.278655
6/26/2013 13:54	115.251	3.151596	13.935059	7.276938

6/26/2013 13:54	115.501	3.151714	13.933167	7.27721
6/26/2013 13:54	115.751	3.15234	13.933167	7.278655
6/26/2013 13:54	116.001	3.151438	13.932678	7.276572
6/26/2013 13:54	116.251	3.152037	13.935547	7.277955
6/26/2013 13:54	116.501	3.151932	13.93457	7.277713
6/26/2013 13:54	116.751	3.151367	13.93222	7.276409
6/26/2013 13:54	117.001	3.152067	13.931732	7.278025
6/26/2013 13:54	117.251	3.152122	13.933167	7.278153
6/26/2013 13:54	117.501	3.151844	13.931244	7.277511
6/26/2013 13:54	117.751	3.15131	13.932678	7.276277
6/26/2013 13:54	118.001	3.151064	13.936035	7.275709
6/26/2013 13:54	118.251	3.152405	13.932678	7.278805
6/26/2013 13:54	118.501	3.151003	13.931244	7.275568
6/26/2013 13:54	118.751	3.151844	13.935547	7.277511
6/26/2013 13:54	119.001	3.15168	13.936035	7.277131
6/26/2013 13:54	119.251	3.150814	13.93457	7.275133
6/26/2013 13:54	119.501	3.151596	13.933167	7.276938
6/26/2013 13:54	119.751	3.150599	13.93222	7.274634
6/26/2013 13:54	120.001	3.150658	13.933624	7.27477
6/26/2013 13:54	120.251	3.151064	13.933624	7.275709
6/26/2013 13:54	120.501	3.151188	13.932678	7.275995
6/26/2013 13:54	120.751	3.150658	13.933167	7.27477
6/26/2013 13:54	121.001	3.150814	13.933624	7.275133
6/26/2013 13:54	121.251	3.150511	13.938873	7.274432
6/26/2013 13:54	121.501	3.150127	13.935547	7.273547
6/26/2013 13:54	121.751	3.150599	13.933167	7.274634
6/26/2013 13:54	122.001	3.150814	13.936035	7.275133
6/26/2013 13:54	122.251	3.150408	13.93457	7.274194
6/26/2013 13:54	122.501	3.150446	13.93222	7.274282
6/26/2013 13:54	122.751	3.149815	13.931732	7.272824
6/26/2013 13:54	123.001	3.15032	13.934082	7.273991
6/26/2013 13:54	123.251	3.149597	13.933167	7.272322
6/26/2013 13:54	123.501	3.149881	13.933167	7.272978
6/26/2013 13:54	123.751	3.150408	13.933624	7.274194
6/26/2013 13:54	124.001	3.149633	13.935547	7.272406
6/26/2013 13:54	124.251	3.149384	13.933167	7.271829
6/26/2013 13:54	124.501	3.149757	13.93222	7.272692
6/26/2013 13:54	124.751	3.149975	13.934082	7.273194
6/26/2013 13:54	125.001	3.148695	13.932678	7.270239
6/26/2013 13:54	125.251	3.149132	13.934082	7.271248
6/26/2013 13:54	125.501	3.149067	13.934082	7.271098
6/26/2013 13:54	125.751	3.14879	13.935059	7.27046
6/26/2013 13:54	126.001	3.149254	13.932678	7.27153
6/26/2013 13:54	126.251	3.149	13.933167	7.270944
6/26/2013 13:54	126.501	3.147888	13.933624	7.268377
6/26/2013 13:54	126.751	3.148508	13.93222	7.269808
6/26/2013 13:54	127.001	3.149067	13.934082	7.271098

6/26/2013 13:54	127.251	3.148073	13.933624	7.268803
6/26/2013 13:54	127.501	3.149	13.933624	7.270944
6/26/2013 13:54	127.751	3.148977	13.936951	7.270891
6/26/2013 13:54	128.001	3.148914	13.933167	7.270746
6/26/2013 13:54	128.251	3.148632	13.933624	7.270093
6/26/2013 13:54	128.501	3.148661	13.936035	7.27016
6/26/2013 13:54	128.751	3.147738	13.935059	7.268029
6/26/2013 13:54	129.001	3.148443	13.93457	7.269658
6/26/2013 13:54	129.251	3.149035	13.932678	7.271023
6/26/2013 13:54	129.501	3.147696	13.932678	7.267931
6/26/2013 13:54	129.751	3.148224	13.93457	7.269152
6/26/2013 13:54	130.001	3.148727	13.935547	7.270313
6/26/2013 13:54	130.251	3.148317	13.935547	7.269367
6/26/2013 13:54	130.501	3.148138	13.931732	7.268953
6/26/2013 13:54	130.751	3.148317	13.93457	7.269367
6/26/2013 13:54	131.001	3.147758	13.930298	7.268077
6/26/2013 13:54	131.251	3.147453	13.934082	7.267372
6/26/2013 13:54	131.501	3.148542	13.933624	7.269887
6/26/2013 13:54	131.751	3.148443	13.934082	7.269658
6/26/2013 13:54	132.001	3.147791	13.93222	7.268152
6/26/2013 13:54	132.251	3.147638	13.933624	7.267799
6/26/2013 13:54	132.501	3.148197	13.936493	7.26909
6/26/2013 13:54	132.751	3.147638	13.935547	7.267799
6/26/2013 13:54	133.001	3.147947	13.936035	7.268513
6/26/2013 13:54	133.251	3.148138	13.932678	7.268953
6/26/2013 13:54	133.501	3.147543	13.93457	7.26758
6/26/2013 13:54	133.751	3.147823	13.932678	7.268227
6/26/2013 13:54	134.001	3.148012	13.932678	7.268662
6/26/2013 13:54	134.251	3.148012	13.933167	7.268662
6/26/2013 13:54	134.501	3.147421	13.934082	7.267298
6/26/2013 13:54	134.751	3.147758	13.934082	7.268077
6/26/2013 13:54	135.001	3.147261	13.934082	7.266927
6/26/2013 13:54	135.251	3.147289	13.932678	7.266994
6/26/2013 13:54	135.501	3.146633	13.936951	7.265479
6/26/2013 13:54	135.751	3.14592	13.936035	7.263831
6/26/2013 13:54	136.001	3.147791	13.936493	7.268152
6/26/2013 13:54	136.251	3.147175	13.936493	7.266729
6/26/2013 13:54	136.501	3.147076	13.93457	7.266501
6/26/2013 13:54	136.751	3.146292	13.93222	7.26469
6/26/2013 13:54	137.001	3.146763	13.936493	7.265778
6/26/2013 13:54	137.251	3.147915	13.931732	7.268437
6/26/2013 13:54	137.501	3.146235	13.93457	7.264558
6/26/2013 13:54	137.751	3.146633	13.933624	7.265479
6/26/2013 13:54	138.001	3.147076	13.933167	7.266501
6/26/2013 13:54	138.251	3.14686	13.934082	7.266003
6/26/2013 13:54	138.501	3.146793	13.936951	7.265849
6/26/2013 13:54	138.751	3.146729	13.935059	7.265699

6/26/2013 13:54	139.001	3.14686	13.935059	7.266003
6/26/2013 13:54	139.251	3.146608	13.936035	7.265421
6/26/2013 13:54	139.501	3.146919	13.933624	7.266139
6/26/2013 13:54	139.751	3.145887	13.933167	7.263756
6/26/2013 13:54	140.001	3.146414	13.935547	7.264972
6/26/2013 13:54	140.251	3.146198	13.936035	7.264474
6/26/2013 13:54	140.501	3.146736	13.93457	7.265716
6/26/2013 13:54	140.751	3.145979	13.933167	7.263967
6/26/2013 13:54	141.001	3.146452	13.935059	7.26506
6/26/2013 13:54	141.251	3.146608	13.932678	7.265421
6/26/2013 13:54	141.501	3.145416	13.936951	7.262669
6/26/2013 13:54	141.751	3.146793	13.934082	7.265849
6/26/2013 13:54	142.001	3.145979	13.935547	7.263967
6/26/2013 13:54	142.251	3.145477	13.934082	7.26281
6/26/2013 13:54	142.501	3.146292	13.933624	7.26469
6/26/2013 13:54	142.751	3.146042	13.935059	7.264113
6/26/2013 13:54	143.001	3.145739	13.935059	7.263413
6/26/2013 13:54	143.251	3.145298	13.934082	7.262395
6/26/2013 13:54	143.501	3.145292	13.936951	7.262383
6/26/2013 13:54	143.751	3.145712	13.933167	7.263351
6/26/2013 13:54	144.001	3.148695	13.936951	7.270239
6/26/2013 13:54	144.251	3.149067	13.935059	7.271098
6/26/2013 13:54	144.501	3.146099	13.933167	7.264246
6/26/2013 13:54	144.751	3.145857	13.934082	7.263686
6/26/2013 13:54	145.001	3.145262	13.933167	7.262312
6/26/2013 13:54	145.251	3.144953	13.933624	7.261598
6/26/2013 13:54	145.501	3.144773	13.937439	7.261185
6/26/2013 13:54	145.751	3.144926	13.936035	7.261537
6/26/2013 13:54	146.001	3.144857	13.935547	7.261378
6/26/2013 13:54	146.251	3.144581	13.936035	7.26074
6/26/2013 13:54	146.501	3.145391	13.936035	7.262612
6/26/2013 13:54	146.751	3.145298	13.935547	7.262395
6/26/2013 13:54	147.001	3.145477	13.936035	7.26281
6/26/2013 13:54	147.251	3.144953	13.93457	7.261598
6/26/2013 13:54	147.501	3.145208	13.936951	7.262188
6/26/2013 13:54	147.751	3.145638	13.937439	7.26318
6/26/2013 13:54	148.001	3.145887	13.936035	7.263756
6/26/2013 13:54	148.251	3.14505	13.93457	7.261823
6/26/2013 13:54	148.501	3.144798	13.933624	7.261242
6/26/2013 13:54	148.751	3.143738	13.936951	7.258794
6/26/2013 13:54	149.001	3.144026	13.936493	7.259459
6/26/2013 13:54	149.251	3.145336	13.933167	7.262484
6/26/2013 13:54	149.501	3.145638	13.935059	7.26318
6/26/2013 13:54	149.751	3.145794	13.936493	7.263541
6/26/2013 13:54	150.001	3.144926	13.935059	7.261537
6/26/2013 13:54	150.251	3.144581	13.934082	7.26074
6/26/2013 13:54	150.501	3.144735	13.935059	7.261096

6/26/2013 13:54	150.751	3.144266	13.938385	7.260013
6/26/2013 13:54	151.001	3.145416	13.939362	7.262669
6/26/2013 13:54	151.251	3.143858	13.935547	7.25907
6/26/2013 13:54	151.501	3.143837	13.938385	7.259022
6/26/2013 13:54	151.751	3.144543	13.935547	7.260652
6/26/2013 13:54	152.006	3.143929	13.936493	7.259233
6/26/2013 13:54	152.251	3.14418	13.936951	7.259814
6/26/2013 13:54	152.501	3.143515	13.935547	7.258278
6/26/2013 13:54	152.751	3.143581	13.936035	7.258431
6/26/2013 13:54	153.001	3.144207	13.935547	7.259876
6/26/2013 13:54	153.251	3.143858	13.936493	7.25907
6/26/2013 13:54	153.501	3.145334	13.934082	7.262479
6/26/2013 13:54	153.75	3.143929	13.944122	7.259233
6/26/2013 13:54	154.001	3.14324	13.943176	7.257644
6/26/2013 13:54	154.251	3.143366	13.941711	7.257935
6/26/2013 13:54	154.501	3.143305	13.9422	7.257793
6/26/2013 13:54	154.751	3.143061	13.937897	7.25723
6/26/2013 13:54	155.001	3.143549	13.936951	7.258357
6/26/2013 13:54	155.251	3.145767	13.937897	7.263479
6/26/2013 13:54	155.501	3.143929	13.938873	7.259233
6/26/2013 13:54	155.751	3.142923	13.937897	7.256913
6/26/2013 13:54	156.001	3.142368	13.939362	7.255631
6/26/2013 13:54	156.251	3.145857	13.941223	7.263686
6/26/2013 13:54	156.501	3.143829	13.93985	7.259005
6/26/2013 13:54	156.751	3.143396	13.939362	7.258005
6/26/2013 13:54	157.001	3.143147	13.938873	7.257428
6/26/2013 13:54	157.251	3.14418	13.938385	7.259814
6/26/2013 13:54	157.501	3.143339	13.937897	7.257873
6/26/2013 13:54	157.751	3.143396	13.940796	7.258005
6/26/2013 13:54	158.001	3.145105	13.940796	7.26195
6/26/2013 13:55	158.251	3.146044	13.93985	7.264118
6/26/2013 13:55	158.501	3.142618	13.937897	7.256208
6/26/2013 13:55	158.751	3.142746	13.936951	7.256504
6/26/2013 13:55	158.998	3.143829	13.936493	7.259005
6/26/2013 13:55	159.251	3.143515	13.936035	7.258278
6/26/2013 13:55	159.501	3.143709	13.935059	7.258727
6/26/2013 13:55	159.751	3.143738	13.938385	7.258794

*** Depth recorded by sensor does not represent depth to groundwater from top of well casing.**

BCP MW1 **Bouwer and Rice Slug-Test Method**

Static water level = 7.20 feet (measured by transducer)
Maximum depth of water in well = 10.53 feet, occurs at 13.501 seconds

y_0 = Maximum depth - Static water level

y_o = 3.33 feet

Elapsed Time	**Depth**	**t**	**y_t**
Seconds	**Feet**	**Seconds**	**Feet**
13.501	10.52535	0	3.325352
13.751	9.993387	0.25	2.793387
14.001	9.199548	0.5	1.999548
14.251	8.757895	0.75	1.557895
14.501	9.038136	1	1.838136
14.751	7.127131	1.25	-0.07287
15.001	7.367784	1.5	0.167784
15.251	8.137723	1.75	0.937723
15.501	8.020534	2	0.820534
15.751	7.926111	2.25	0.726111
16.001	7.963017	2.5	0.763017
16.251	7.922072	2.75	0.722072
16.501	7.919632	3	0.719632
16.751	7.906535	3.25	0.706535
17.001	7.897952	3.5	0.697952
17.251	7.88377	3.75	0.68377
17.511	7.873848	4.01	0.673848
17.751	7.867507	4.25	0.667507
18.001	7.855294	4.5	0.655294
18.251	7.849159	4.75	0.649159
18.501	7.840162	5	0.640162
18.751	7.83419	5.25	0.63419
19.001	7.82181	5.5	0.62181
19.251	7.817124	5.75	0.617124
19.501	7.806987	6	0.606987
19.751	7.79684	6.25	0.59684
20.001	7.787679	6.5	0.587679
20.251	7.778986	6.75	0.578986
20.501	7.7723	7	0.5723
20.751	7.761066	7.25	0.561066
21.001	7.752055	7.5	0.552055
21.251	7.743569	7.75	0.543569
21.501	7.733202	8	0.533202
21.751	7.726362	8.25	0.526362

22.001	7.717933	8.5	0.517933
22.251	7.708513	8.75	0.508513
22.501	7.700749	9	0.500749
22.751	7.69527	9.25	0.49527
23.001	7.68592	9.5	0.48592
23.251	7.679085	9.75	0.479085
23.501	7.671647	10	0.471647
23.751	7.664755	10.25	0.464755
24.001	7.658911	10.5	0.458911
24.251	7.650507	10.75	0.450507
24.501	7.642871	11	0.442871
24.751	7.637688	11.25	0.437688
25.001	7.632147	11.5	0.432147
25.251	7.625603	11.75	0.425603
25.501	7.620362	12	0.420362
25.751	7.613214	12.25	0.413214
26.001	7.606089	12.5	0.406089
26.251	7.602341	12.75	0.402341
26.501	7.595797	13	0.395797
26.751	7.592912	13.25	0.392912
27.001	7.585447	13.5	0.385447
27.251	7.581127	13.75	0.381127
27.501	7.576934	14	0.376934
27.751	7.571694	14.25	0.371694
28.001	7.566594	14.5	0.366594
28.251	7.561543	14.75	0.361543
28.501	7.5568	15	0.3568
28.751	7.554483	15.25	0.354483
29.001	7.549017	15.5	0.349017
29.251	7.547066	15.75	0.347066
29.501	7.541809	16	0.341809
29.751	7.538069	16.25	0.338069
30.001	7.539787	16.5	0.339787
30.251	7.532608	16.75	0.332608
30.501	7.527429	17	0.327429
30.751	7.521439	17.25	0.321439
31.001	7.52	17.5	0.32
31.251	7.516129	17.75	0.316129
31.501	7.513393	18	0.313393
31.751	7.51194	18.25	0.31194
32.001	7.507047	18.5	0.307047
32.251	7.503088	18.75	0.303088
32.501	7.501292	19	0.301292
32.751	7.495038	19.25	0.295038
33.001	7.494324	19.5	0.294324
33.251	7.493091	19.75	0.293091

33.501	7.490497	20	0.290497
33.751	7.48645	20.25	0.28645
34.001	7.50137	20.5	0.30137
34.251	7.501292	20.75	0.301292
34.501	7.488779	21	0.288779
34.751	7.473282	21.25	0.273282
35.001	7.471714	21.5	0.271714
35.251	7.468543	21.75	0.268543
35.501	7.466896	22	0.266896
35.751	7.465227	22.25	0.265227
36.001	7.462637	22.5	0.262637
36.251	7.459682	22.75	0.259682
36.501	7.457441	23	0.257441
36.751	7.455934	23.25	0.255934
37.001	7.455454	23.5	0.255454
37.251	7.454806	23.75	0.254806
37.501	7.449685	24	0.249685
37.751	7.44825	24.25	0.24825
38.001	7.447311	24.5	0.247311
38.251	7.444713	24.75	0.244713
38.501	7.441414	25	0.241414
38.751	7.442542	25.25	0.242542
39.001	7.446879	25.5	0.246879
39.251	7.44285	25.75	0.24285
39.501	7.43513	26	0.23513
39.751	7.433135	26.25	0.233135
40.001	7.431972	26.5	0.231972
40.251	7.432624	26.75	0.232624
40.501	7.431241	27	0.231241
40.751	7.426427	27.25	0.226427
41.001	7.421269	27.5	0.221269
41.251	7.42441	27.75	0.22441
41.501	7.421269	28	0.221269
41.751	7.42212	28.25	0.22212
42.001	7.420905	28.5	0.220905
42.251	7.420393	28.75	0.220393
42.501	7.418073	29	0.218073
42.751	7.418011	29.25	0.218011
43.001	7.415426	29.5	0.215426
43.251	7.412757	29.75	0.212757
43.501	7.410159	30	0.210159
43.751	7.408798	30.25	0.208798
44.001	7.405126	30.5	0.205126
44.251	7.405848	30.75	0.205848
44.501	7.406292	31	0.206292
44.751	7.404183	31.25	0.204183
45.001	7.402187	31.5	0.202187

45.251	7.400175	31.75	0.200175
45.501	7.398431	32	0.198431
45.751	7.397735	32.25	0.197735
46.001	7.397282	32.5	0.197282
46.251	7.396427	32.75	0.196427
46.501	7.394696	33	0.194696
46.751	7.393257	33.25	0.193257
47.001	7.392181	33.5	0.192181
47.251	7.391314	33.75	0.191314
47.501	7.389011	34	0.189011
47.751	7.388703	34.25	0.188703
48.001	7.388359	34.5	0.188359
48.251	7.387575	34.75	0.187575
48.501	7.384338	35	0.184338
48.751	7.383176	35.25	0.183176
49.001	7.383756	35.5	0.183756
49.251	7.383756	35.75	0.183756
49.501	7.378987	36	0.178987
49.751	7.380085	36.25	0.180085
50.001	7.378138	36.5	0.178138
50.251	7.377129	36.75	0.177129
50.501	7.37749	37	0.17749
50.751	7.375834	37.25	0.175834
51.001	7.376706	37.5	0.176706
51.251	7.374376	37.75	0.174376
51.501	7.372883	38	0.172883
51.751	7.371514	38.25	0.171514
52.001	7.371817	38.5	0.171817
52.251	7.369567	38.75	0.169567
52.501	7.370069	39	0.170069
52.751	7.369004	39.25	0.169004
53.001	7.369065	39.5	0.169065
53.251	7.366608	39.75	0.166608
53.501	7.366053	40	0.166053
53.751	7.364397	40.25	0.164397
54.001	7.364661	40.5	0.164661
54.251	7.363441	40.75	0.163441
54.501	7.364172	41	0.164172
54.751	7.363441	41.25	0.163441
55.001	7.361873	41.5	0.161873
55.251	7.366973	41.75	0.166973
55.501	7.361437	42	0.161437
55.751	7.360359	42.25	0.160359
56.001	7.358566	42.5	0.158566
56.251	7.3585	42.75	0.1585
56.501	7.359147	43	0.159147
56.751	7.355021	43.25	0.155021

57.001	7.356038	43.5	0.156038
57.251	7.35761	43.75	0.15761
57.501	7.353946	44	0.153946
57.751	7.353462	44.25	0.153462
58.001	7.353889	44.5	0.153889
58.251	7.351418	44.75	0.151418
58.501	7.351369	45	0.151369
58.751	7.352228	45.25	0.152228
59.001	7.348419	45.5	0.148419
59.251	7.350801	45.75	0.150801
59.501	7.348978	46	0.148978
59.751	7.350441	46.25	0.150441
60.001	7.346398	46.5	0.146398
60.251	7.344874	46.75	0.144874
60.501	7.345728	47	0.145728
60.751	7.34545	47.25	0.14545
61.001	7.346904	47.5	0.146904
61.251	7.344447	47.75	0.144447
61.501	7.342932	48	0.142932
61.751	7.341712	48.25	0.141712
62.001	7.341932	48.5	0.141932
62.251	7.342795	48.75	0.142795
62.501	7.340043	49	0.140043
62.751	7.339717	49.25	0.139717
63.001	7.340919	49.5	0.140919
63.251	7.339999	49.75	0.139999
63.501	7.338131	50	0.138131
63.751	7.338691	50.25	0.138691
64.001	7.338044	50.5	0.138044
64.251	7.338691	50.75	0.138691
64.501	7.337264	51	0.137264
64.751	7.33511	51.25	0.13511
65.001	7.336673	51.5	0.136673
65.251	7.337118	51.75	0.137118
65.501	7.337692	52	0.137692
65.751	7.335872	52.25	0.135872
66.001	7.335458	52.5	0.135458
66.251	7.333803	52.75	0.133803
66.501	7.334304	53	0.134304
66.751	7.333014	53.25	0.133014
67.001	7.330578	53.5	0.130578
67.251	7.331208	53.75	0.131208
67.501	7.330913	54	0.130913
67.751	7.329191	54.25	0.129191
67.996	7.330217	54.495	0.130217
68.251	7.330116	54.75	0.130116
68.501	7.33042	55	0.13042

68.751	7.326258	55.25	0.126258
69.001	7.328112	55.5	0.128112
69.251	7.326465	55.75	0.126465
69.501	7.328544	56	0.128544
69.751	7.328465	56.25	0.128465
70.001	7.328249	56.5	0.128249
70.251	7.327694	56.75	0.127694
70.501	7.325588	57	0.125588
70.751	7.325452	57.25	0.125452
71.001	7.32444	57.5	0.12444
71.251	7.325246	57.75	0.125246
71.501	7.325743	58	0.125743
71.751	7.323726	58.25	0.123726
72.001	7.323501	58.5	0.123501
72.251	7.32444	58.75	0.12444
72.501	7.322779	59	0.122779
72.751	7.322405	59.25	0.122405
73.001	7.322197	59.5	0.122197
73.251	7.322506	59.75	0.122506
73.501	7.323215	60	0.123215
73.751	7.322299	60.25	0.122299
74.001	7.319463	60.5	0.119463
74.251	7.321281	60.75	0.121281
74.501	7.319537	61	0.119537
74.751	7.320568	61.25	0.120568
75.001	7.31804	61.5	0.11804
75.251	7.318762	61.75	0.118762
75.501	7.316883	62	0.116883
75.751	7.317745	62.25	0.117745
76.001	7.316741	62.5	0.116741
76.251	7.314948	62.75	0.114948
76.501	7.316587	63	0.116587
76.751	7.316459	63.25	0.116459
77.001	7.31523	63.5	0.11523
77.251	7.31472	63.75	0.11472
77.501	7.315086	64	0.115086
77.751	7.312993	64.25	0.112993
78.001	7.315086	64.5	0.115086
78.251	7.31472	64.75	0.11472
78.501	7.312835	65	0.112835
78.751	7.311711	65.25	0.111711
79.001	7.312271	65.5	0.112271
79.251	7.310835	65.75	0.110835
79.501	7.309911	66	0.109911
79.751	7.310196	66.25	0.110196
80.001	7.310905	66.5	0.110905
80.251	7.31076	66.75	0.11076

80.501	7.311421	67	0.111421
80.751	7.310981	67.25	0.110981
81.001	7.310567	67.5	0.110567
81.251	7.311474	67.75	0.111474
81.501	7.310396	68	0.110396
81.751	7.308448	68.25	0.108448
82.001	7.308536	68.5	0.108536
82.251	7.308189	68.75	0.108189
82.501	7.306577	69	0.106577
82.751	7.307748	69.25	0.107748
83.001	7.307875	69.5	0.107875
83.251	7.307809	69.75	0.107809
83.501	7.305947	70	0.105947
83.751	7.307246	70.25	0.107246
84.001	7.305229	70.5	0.105229
84.251	7.307598	70.75	0.107598
84.501	7.305427	71	0.105427
84.751	7.306294	71.25	0.106294
85.001	7.305877	71.5	0.105877
85.251	7.306242	71.75	0.106242
85.501	7.303573	72	0.103573
85.751	7.304647	72.25	0.104647
86.001	7.303635	72.5	0.103635
86.251	7.303327	72.75	0.103327
86.501	7.303137	73	0.103137
86.751	7.302565	73.25	0.102565
87.001	7.302635	73.5	0.102635
87.251	7.302331	73.75	0.102331
87.501	7.302921	74	0.102921
87.751	7.300887	74.25	0.100887
88.001	7.301838	74.5	0.101838
88.251	7.302331	74.75	0.102331
88.501	7.299755	75	0.099755
88.751	7.300887	75.25	0.100887
89.001	7.30075	75.5	0.10075
89.251	7.300266	75.75	0.100266
89.501	7.300196	76	0.100196
89.751	7.296086	76.25	0.096086
90.001	7.29795	76.5	0.09795
90.251	7.299028	76.75	0.099028
90.501	7.298389	77	0.098389
90.751	7.299601	77.25	0.099601
91.001	7.299028	77.5	0.099028
91.251	7.300543	77.75	0.100543
91.501	7.296011	78	0.096011
91.751	7.299028	78.25	0.099028
92.001	7.296865	78.5	0.096865

92.251	7.297888	78.75	0.097888
92.501	7.298464	79	0.098464
92.751	7.295095	79.25	0.095095
93.001	7.29636	79.5	0.09636
93.251	7.297394	79.75	0.097394
93.501	7.29824	80	0.09824
93.751	7.296747	80.25	0.096747
94.001	7.296443	80.5	0.096443
94.251	7.295673	80.75	0.095673
94.501	7.295289	81	0.095289
94.751	7.294919	81.25	0.094919
95.001	7.294703	81.5	0.094703
95.251	7.295346	81.75	0.095346
95.501	7.291471	82	0.091471
95.751	7.295915	82.25	0.095915
96.001	7.292418	82.5	0.092418
96.251	7.292973	82.75	0.092973
96.501	7.292418	83	0.092418
96.751	7.293339	83.25	0.093339
97.001	7.291114	83.5	0.091114
97.251	7.293765	83.75	0.093765
97.501	7.293128	84	0.093128
97.751	7.29307	84.25	0.09307
98.001	7.290987	84.5	0.090987
98.251	7.290687	84.75	0.090687
98.501	7.290444	85	0.090444
98.751	7.289445	85.25	0.089445
99.001	7.291981	85.5	0.091981
99.251	7.291035	85.75	0.091035
99.501	7.289445	86	0.089445
99.751	7.291981	86.25	0.091981
100.001	7.289401	86.5	0.089401
100.251	7.289247	86.75	0.089247
100.501	7.289247	87	0.089247
100.751	7.289679	87.25	0.089679
101.001	7.288736	87.5	0.088736
101.251	7.289819	87.75	0.089819
101.501	7.288872	88	0.088872
101.751	7.28859	88.25	0.08859
102.001	7.288872	88.5	0.088872
102.251	7.287142	88.75	0.087142
102.501	7.286948	89	0.086948
102.751	7.287437	89.25	0.087437
103.001	7.28786	89.5	0.08786
103.251	7.28786	89.75	0.08786
103.501	7.286005	90	0.086005
103.751	7.286077	90.25	0.086077

104.001	7.286732	90.5	0.086732
104.251	7.287226	90.75	0.087226
104.501	7.285442	91	0.085442
104.751	7.286803	91.25	0.086803
105.001	7.284777	91.5	0.084777
105.251	7.286292	91.75	0.086292
105.501	7.285512	92	0.085512
105.751	7.285222	92.25	0.085222
106.001	7.285376	92.5	0.085376
106.251	7.283623	92.75	0.083623
106.501	7.28383	93	0.08383
106.751	7.28405	93.25	0.08405
107.001	7.284204	93.5	0.084204
107.251	7.284415	93.75	0.084415
107.501	7.2832	94	0.0832
107.751	7.281174	94.25	0.081174
108.001	7.281967	94.5	0.081967
108.251	7.283262	94.75	0.083262
108.501	7.282698	95	0.082698
108.751	7.283623	95.25	0.083623
109.001	7.283041	95.5	0.083041
109.251	7.281967	95.75	0.081967
109.501	7.282984	96	0.082984
109.751	7.27947	96.25	0.07947
110.001	7.280527	96.5	0.080527
110.251	7.280756	96.75	0.080756
110.501	7.283262	97	0.083262
110.751	7.282174	97.25	0.082174
111.001	7.280818	97.5	0.080818
111.251	7.279818	97.75	0.079818
111.501	7.279228	98	0.079228
111.751	7.280756	98.25	0.080756
112.001	7.280241	98.5	0.080241
112.251	7.278655	98.75	0.078655
112.501	7.278444	99	0.078444
112.751	7.280818	99.25	0.080818
113.001	7.279519	99.5	0.079519
113.251	7.280756	99.75	0.080756
113.501	7.277801	100	0.077801
113.751	7.278444	100.25	0.078444
114.001	7.278655	100.5	0.078655
114.251	7.280175	100.75	0.080175
114.501	7.278655	101	0.078655
114.751	7.277307	101.25	0.077307
115.001	7.278655	101.5	0.078655
115.251	7.276938	101.75	0.076938
115.501	7.27721	102	0.07721

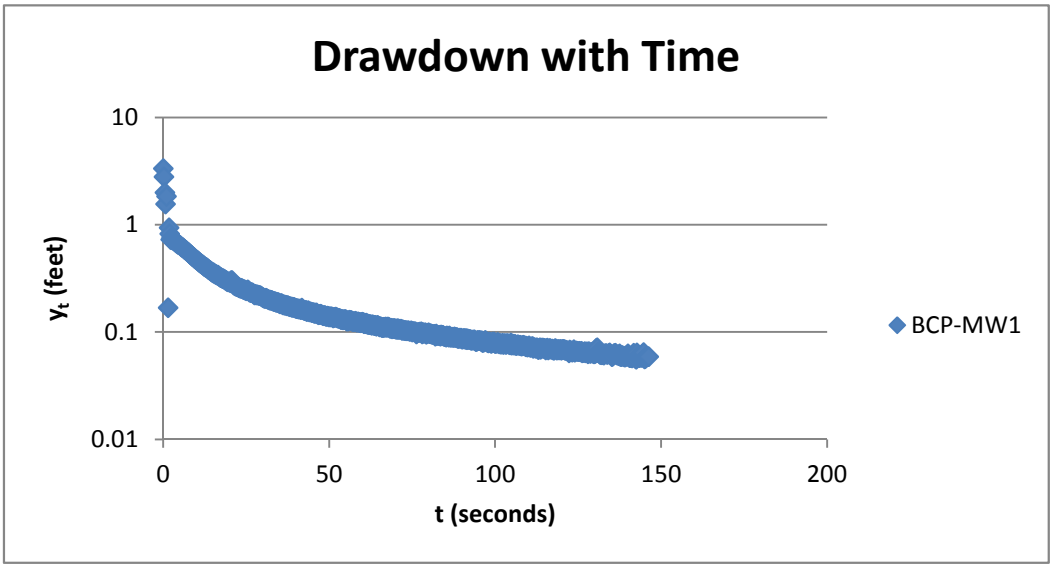
115.751	7.278655	102.25	0.078655
116.001	7.276572	102.5	0.076572
116.251	7.277955	102.75	0.077955
116.501	7.277713	103	0.077713
116.751	7.276409	103.25	0.076409
117.001	7.278025	103.5	0.078025
117.251	7.278153	103.75	0.078153
117.501	7.277511	104	0.077511
117.751	7.276277	104.25	0.076277
118.001	7.275709	104.5	0.075709
118.251	7.278805	104.75	0.078805
118.501	7.275568	105	0.075568
118.751	7.277511	105.25	0.077511
119.001	7.277131	105.5	0.077131
119.251	7.275133	105.75	0.075133
119.501	7.276938	106	0.076938
119.751	7.274634	106.25	0.074634
120.001	7.27477	106.5	0.07477
120.251	7.275709	106.75	0.075709
120.501	7.275995	107	0.075995
120.751	7.27477	107.25	0.07477
121.001	7.275133	107.5	0.075133
121.251	7.274432	107.75	0.074432
121.501	7.273547	108	0.073547
121.751	7.274634	108.25	0.074634
122.001	7.275133	108.5	0.075133
122.251	7.274194	108.75	0.074194
122.501	7.274282	109	0.074282
122.751	7.272824	109.25	0.072824
123.001	7.273991	109.5	0.073991
123.251	7.272322	109.75	0.072322
123.501	7.272978	110	0.072978
123.751	7.274194	110.25	0.074194
124.001	7.272406	110.5	0.072406
124.251	7.271829	110.75	0.071829
124.501	7.272692	111	0.072692
124.751	7.273194	111.25	0.073194
125.001	7.270239	111.5	0.070239
125.251	7.271248	111.75	0.071248
125.501	7.271098	112	0.071098
125.751	7.27046	112.25	0.07046
126.001	7.27153	112.5	0.07153
126.251	7.270944	112.75	0.070944
126.501	7.268377	113	0.068377
126.751	7.269808	113.25	0.069808
127.001	7.271098	113.5	0.071098
127.251	7.268803	113.75	0.068803

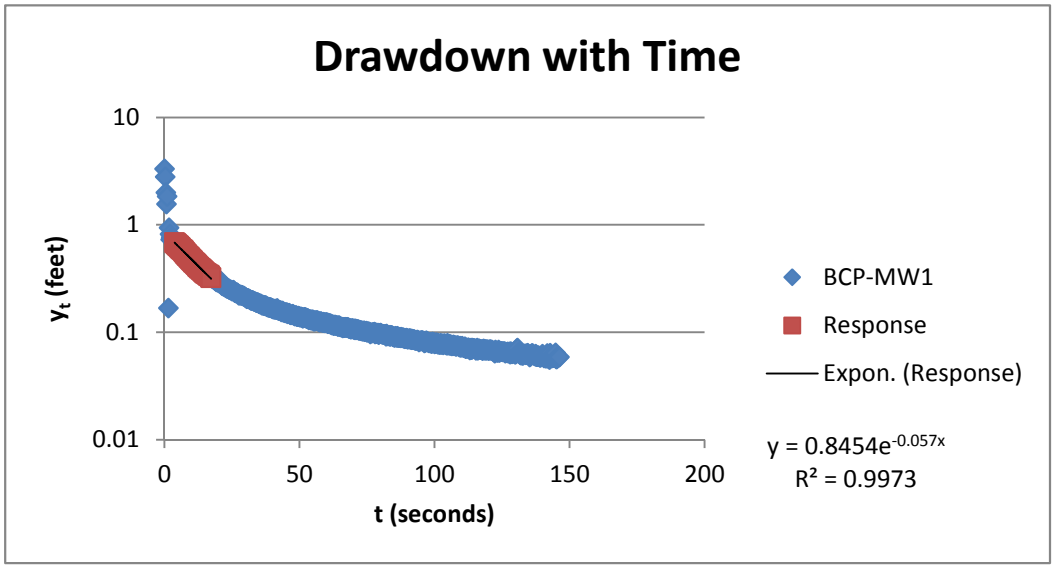
127.501	7.270944	114	0.070944
127.751	7.270891	114.25	0.070891
128.001	7.270746	114.5	0.070746
128.251	7.270093	114.75	0.070093
128.501	7.27016	115	0.07016
128.751	7.268029	115.25	0.068029
129.001	7.269658	115.5	0.069658
129.251	7.271023	115.75	0.071023
129.501	7.267931	116	0.067931
129.751	7.269152	116.25	0.069152
130.001	7.270313	116.5	0.070313
130.251	7.269367	116.75	0.069367
130.501	7.268953	117	0.068953
130.751	7.269367	117.25	0.069367
131.001	7.268077	117.5	0.068077
131.251	7.267372	117.75	0.067372
131.501	7.269887	118	0.069887
131.751	7.269658	118.25	0.069658
132.001	7.268152	118.5	0.068152
132.251	7.267799	118.75	0.067799
132.501	7.26909	119	0.06909
132.751	7.267799	119.25	0.067799
133.001	7.268513	119.5	0.068513
133.251	7.268953	119.75	0.068953
133.501	7.26758	120	0.06758
133.751	7.268227	120.25	0.068227
134.001	7.268662	120.5	0.068662
134.251	7.268662	120.75	0.068662
134.501	7.267298	121	0.067298
134.751	7.268077	121.25	0.068077
135.001	7.266927	121.5	0.066927
135.251	7.266994	121.75	0.066994
135.501	7.265479	122	0.065479
135.751	7.263831	122.25	0.063831
136.001	7.268152	122.5	0.068152
136.251	7.266729	122.75	0.066729
136.501	7.266501	123	0.066501
136.751	7.26469	123.25	0.06469
137.001	7.265778	123.5	0.065778
137.251	7.268437	123.75	0.068437
137.501	7.264558	124	0.064558
137.751	7.265479	124.25	0.065479
138.001	7.266501	124.5	0.066501
138.251	7.266003	124.75	0.066003
138.501	7.265849	125	0.065849
138.751	7.265699	125.25	0.065699
139.001	7.266003	125.5	0.066003

139.251	7.265421	125.75	0.065421
139.501	7.266139	126	0.066139
139.751	7.263756	126.25	0.063756
140.001	7.264972	126.5	0.064972
140.251	7.264474	126.75	0.064474
140.501	7.265716	127	0.065716
140.751	7.263967	127.25	0.063967
141.001	7.26506	127.5	0.06506
141.251	7.265421	127.75	0.065421
141.501	7.262669	128	0.062669
141.751	7.265849	128.25	0.065849
142.001	7.263967	128.5	0.063967
142.251	7.26281	128.75	0.06281
142.501	7.26469	129	0.06469
142.751	7.264113	129.25	0.064113
143.001	7.263413	129.5	0.063413
143.251	7.262395	129.75	0.062395
143.501	7.262383	130	0.062383
143.751	7.263351	130.25	0.063351
144.001	7.270239	130.5	0.070239
144.251	7.271098	130.75	0.071098
144.501	7.264246	131	0.064246
144.751	7.263686	131.25	0.063686
145.001	7.262312	131.5	0.062312
145.251	7.261598	131.75	0.061598
145.501	7.261185	132	0.061185
145.751	7.261537	132.25	0.061537
146.001	7.261378	132.5	0.061378
146.251	7.26074	132.75	0.06074
146.501	7.262612	133	0.062612
146.751	7.262395	133.25	0.062395
147.001	7.26281	133.5	0.06281
147.251	7.261598	133.75	0.061598
147.501	7.262188	134	0.062188
147.751	7.26318	134.25	0.06318
148.001	7.263756	134.5	0.063756
148.251	7.261823	134.75	0.061823
148.501	7.261242	135	0.061242
148.751	7.258794	135.25	0.058794
149.001	7.259459	135.5	0.059459
149.251	7.262484	135.75	0.062484
149.501	7.26318	136	0.06318
149.751	7.263541	136.25	0.063541
150.001	7.261537	136.5	0.061537
150.251	7.26074	136.75	0.06074
150.501	7.261096	137	0.061096
150.751	7.260013	137.25	0.060013

151.001	7.262669	137.5	0.062669
151.251	7.25907	137.75	0.05907
151.501	7.259022	138	0.059022
151.751	7.260652	138.25	0.060652
152.006	7.259233	138.505	0.059233
152.251	7.259814	138.75	0.059814
152.501	7.258278	139	0.058278
152.751	7.258431	139.25	0.058431
153.001	7.259876	139.5	0.059876
153.251	7.25907	139.75	0.05907
153.501	7.262479	140	0.062479
153.75	7.259233	140.249	0.059233
154.001	7.257644	140.5	0.057644
154.251	7.257935	140.75	0.057935
154.501	7.257793	141	0.057793
154.751	7.25723	141.25	0.05723
155.001	7.258357	141.5	0.058357
155.251	7.263479	141.75	0.063479
155.501	7.259233	142	0.059233
155.751	7.256913	142.25	0.056913
156.001	7.255631	142.5	0.055631
156.251	7.263686	142.75	0.063686
156.501	7.259005	143	0.059005
156.751	7.258005	143.25	0.058005
157.001	7.257428	143.5	0.057428
157.251	7.259814	143.75	0.059814
157.501	7.257873	144	0.057873
157.751	7.258005	144.25	0.058005
158.001	7.26195	144.5	0.06195
158.251	7.264118	144.75	0.064118
158.501	7.256208	145	0.056208
158.751	7.256504	145.25	0.056504
158.998	7.259005	145.497	0.059005
159.251	7.258278	145.75	0.058278
159.501	7.258727	146	0.058727
159.751	7.258794	146.25	0.058794

BCP MW1 **Bouwer and Rice Slug-Test Method**





r_s = 1 inches =	0.083333	feet	
n_g =	0.3		
r_w = 3.8 inches =	0.316667	feet	
r_c =	0.186934	feet	
L = 17.3 ft. bgs[1] - 10.30 feet BTOC[2] + 0.28 ft[3]	7.28	feet	
H =	7.28	feet	
D = 45 ft. bgs - 10.30 ft. BTOC + 0.28 ft	34.98	feet	

ln[(D-H)/r_w] =			4.471338
L/r_w =			22.98947
A =	2	ln(R_e/r_w) =	2.015243
B =	0.3		
slope =	0.057	/sec	

K =	0.000276	ft/sec
K =	23.81951	ft/day
K =	**24**	**ft/day**

[1] = Refer to well construction

[2] = Static water level before slug test

[3] = Elevation of ground surface minus elevation of top of casing

BCP MW2 Data

Date and Time	Elapsed Time Seconds	Pressure (PCI)	Temperature (C)	Depth (ft)*
6/26/2013 13:26	0	2.909641	20.016235	6.718272
6/26/2013 13:26	0.25	2.90877	20.025482	6.716259
6/26/2013 13:26	0.5	2.908646	20.02887	6.715973
6/26/2013 13:26	0.75	2.908825	20.032227	6.716387
6/26/2013 13:26	1	2.909641	20.028381	6.718272
6/26/2013 13:26	1.25	2.909044	20.025909	6.716893
6/26/2013 13:26	1.5	2.909081	20.020142	6.716977
6/26/2013 13:26	1.75	2.90905	20.015778	6.716906
6/26/2013 13:26	2	2.90877	20.008026	6.716259
6/26/2013 13:26	2.25	2.908241	20.001221	6.715039
6/26/2013 13:26	2.5	2.908369	19.994507	6.715334
6/26/2013 13:26	2.75	2.908398	19.989136	6.7154
6/26/2013 13:26	3	2.908522	19.982361	6.715686
6/26/2013 13:26	3.25	2.909113	19.975098	6.717052
6/26/2013 13:26	3.5	2.908859	19.96347	6.716466
6/26/2013 13:26	3.75	2.908712	19.957184	6.716127
6/26/2013 13:26	4	2.908928	19.949432	6.716625
6/26/2013 13:26	4.25	2.908522	19.941193	6.715686
6/26/2013 13:26	4.5	2.908241	19.932953	6.715039
6/26/2013 13:26	4.75	2.908928	19.923767	6.716625
6/26/2013 13:26	5	2.907961	19.916473	6.714392
6/26/2013 13:26	5.25	2.908548	19.907288	6.715748
6/26/2013 13:26	5.5	2.908548	19.90097	6.715748
6/26/2013 13:26	5.75	2.908712	19.891296	6.716127
6/26/2013 13:26	6	2.908369	19.880646	6.715334
6/26/2013 13:26	6.25	2.907745	19.874847	6.713894
6/26/2013 13:26	6.5	2.907896	19.867554	6.714242
6/26/2013 13:26	6.75	2.907616	19.860779	6.713595
6/26/2013 13:26	7	2.9074	19.849182	6.713097
6/26/2013 13:26	7.25	2.909597	19.819641	6.71817
6/26/2013 13:26	7.657	2.90881	19.820618	6.716352
6/26/2013 13:26	7.876	2.908859	19.818665	6.716466
6/26/2013 13:26	8.096	2.908594	19.813843	6.715854
6/26/2013 13:26	8.315	2.907652	19.81192	6.713678
6/26/2013 13:26	8.535	2.908276	19.804626	6.715119
6/26/2013 13:26	8.754	2.907682	19.798798	6.713748
6/26/2013 13:26	9	2.907782	19.789124	6.713977
6/26/2013 13:26	9.25	2.90822	19.778015	6.714991
6/26/2013 13:26	9.5	2.907713	19.769775	6.713819
6/26/2013 13:26	9.75	2.907087	19.762512	6.712375

6/26/2013 13:26	10	2.907087	19.75235	6.712375
6/26/2013 13:26	10.25	2.906992	19.743622	6.712154
6/26/2013 13:26	10.5	2.907305	19.735901	6.712877
6/26/2013 13:26	10.75	2.906309	19.728149	6.710578
6/26/2013 13:26	11	2.907364	19.718964	6.713013
6/26/2013 13:26	11.25	2.906681	19.710754	6.711437
6/26/2013 13:26	11.5	2.907961	19.700592	6.714392
6/26/2013 13:26	11.75	2.907001	19.696198	6.712176
6/26/2013 13:26	12	2.906517	19.686035	6.711058
6/26/2013 13:26	12.25	2.907688	19.678772	6.713762
6/26/2013 13:26	12.5	2.90797	19.668121	6.714414
6/26/2013 13:26	12.75	2.906471	19.657013	6.710952
6/26/2013 13:26	13	2.907179	19.653168	6.712586
6/26/2013 13:26	13.25	2.90778	19.643005	6.713973
6/26/2013 13:26	13.5	2.908026	19.6362	6.714541
6/26/2013 13:26	13.75	2.906149	19.62796	6.710207
6/26/2013 13:26	14	2.907562	19.619751	6.713471
6/26/2013 13:26	14.25	2.907215	19.613464	6.71267
6/26/2013 13:26	14.5	2.906937	19.604736	6.712027
6/26/2013 13:26	14.75	2.907526	19.597015	6.713387
6/26/2013 13:26	15	2.907658	19.588287	6.713691
6/26/2013 13:26	15.25	2.907526	19.580536	6.713387
6/26/2013 13:26	15.5	2.906649	19.571869	6.711362
6/26/2013 13:26	15.75	2.907381	19.559753	6.713053
6/26/2013 13:26	16	2.905956	19.555878	6.709763
6/26/2013 13:26	16.25	2.906471	19.546692	6.710952
6/26/2013 13:26	16.5	2.907713	19.53894	6.713819
6/26/2013 13:26	16.75	2.906126	19.528778	6.710155
6/26/2013 13:26	17	2.907087	19.523499	6.712375
6/26/2013 13:26	17.25	2.907347	19.515259	6.712974
6/26/2013 13:26	17.5	2.906441	19.510406	6.710882
6/26/2013 13:26	17.75	2.906216	19.500732	6.710362
6/26/2013 13:26	18	2.905804	19.493958	6.70941
6/26/2013 13:26	18.25	2.905998	19.484283	6.70986
6/26/2013 13:26	18.5	2.907215	19.477051	6.71267
6/26/2013 13:26	18.75	2.906681	19.465912	6.711437
6/26/2013 13:26	19	2.907873	19.46109	6.714189
6/26/2013 13:26	19.25	2.906845	19.451874	6.711815
6/26/2013 13:26	19.5	2.907562	19.445129	6.713471
6/26/2013 13:26	19.75	2.906681	19.436432	6.711437
6/26/2013 13:26	20	2.90719	19.430115	6.712612
6/26/2013 13:26	20.25	2.907438	19.420929	6.713184
6/26/2013 13:26	20.5	2.907129	19.41272	6.712471
6/26/2013 13:26	20.75	2.906004	19.405945	6.709873
6/26/2013 13:26	21	2.906279	19.398193	6.710508
6/26/2013 13:26	21.25	2.906561	19.389954	6.711159
6/26/2013 13:26	21.5	2.907215	19.382721	6.71267

6/26/2013 13:26	21.75	2.906218	19.372559	6.710367
6/26/2013 13:26	22	2.906725	19.36969	6.711538
6/26/2013 13:26	22.25	2.905998	19.358551	6.70986
6/26/2013 13:26	22.5	2.90704	19.352722	6.712265
6/26/2013 13:26	22.75	2.906429	19.343567	6.710855
6/26/2013 13:26	23	2.906626	19.334869	6.711308
6/26/2013 13:26	23.25	2.906334	19.328064	6.710635
6/26/2013 13:26	23.5	2.905804	19.319885	6.70941
6/26/2013 13:26	23.75	2.906372	19.312134	6.710723
6/26/2013 13:26	24	2.906403	19.304871	6.710793
6/26/2013 13:26	24.25	2.905588	19.297119	6.708913
6/26/2013 13:26	24.5	2.906441	19.28894	6.710882
6/26/2013 13:26	24.75	2.906599	19.278778	6.711247
6/26/2013 13:26	25	2.906334	19.276367	6.710635
6/26/2013 13:26	25.25	2.906567	19.267151	6.711173
6/26/2013 13:26	25.5	2.906315	19.260895	6.710591
6/26/2013 13:27	25.75	2.905708	19.253632	6.70919
6/26/2013 13:27	26	2.906366	19.243958	6.71071
6/26/2013 13:27	26.25	2.904621	19.236237	6.70668
6/26/2013 13:27	26.5	2.906275	19.228973	6.710499
6/26/2013 13:27	26.75	2.906471	19.222717	6.710952
6/26/2013 13:27	27	2.904745	19.215424	6.706966
6/26/2013 13:27	27.25	2.905745	19.207703	6.709274
6/26/2013 13:27	27.5	2.905371	19.198547	6.708411
6/26/2013 13:27	27.75	2.905649	19.192261	6.709054
6/26/2013 13:27	28	2.905708	19.186462	6.70919
6/26/2013 13:27	28.25	2.90584	19.1763	6.709494
6/26/2013 13:27	28.5	2.905273	19.172424	6.708187
6/26/2013 13:27	28.75	2.905458	19.163239	6.708613
6/26/2013 13:27	29	2.905687	19.154053	6.709142
6/26/2013 13:27	29.25	2.905663	19.148743	6.709085
6/26/2013 13:27	29.5	2.905437	19.140045	6.708565
6/26/2013 13:27	29.75	2.906149	19.132324	6.710207
6/26/2013 13:27	30	2.905493	19.122681	6.708692
6/26/2013 13:27	30.25	2.905371	19.116852	6.708411
6/26/2013 13:27	30.5	2.905216	19.111542	6.708055
6/26/2013 13:27	30.75	2.905617	19.101898	6.708979
6/26/2013 13:27	31	2.905745	19.096069	6.709274
6/26/2013 13:27	31.25	2.904869	19.087402	6.707253
6/26/2013 13:27	31.5	2.905273	19.081573	6.708187
6/26/2013 13:27	31.75	2.905649	19.072906	6.709054
6/26/2013 13:27	32	2.905437	19.069061	6.708565
6/26/2013 13:27	32.25	2.901005	19.057922	6.69833
6/26/2013 13:27	32.5	2.89797	19.054535	6.691323
6/26/2013 13:27	32.75	2.905998	19.044373	6.70986
6/26/2013 13:27	33	2.907585	19.038116	6.713525
6/26/2013 13:27	33.25	2.907925	19.031799	6.714308

6/26/2013 13:27	33.5	2.908718	19.022186	6.71614
6/26/2013 13:27	33.75	2.907526	19.016876	6.713387
6/26/2013 13:27	34	2.907461	19.009125	6.713238
6/26/2013 13:27	34.25	2.907799	19.00238	6.714017
6/26/2013 13:27	34.5	2.907835	18.993683	6.7141
6/26/2013 13:27	34.75	2.908056	18.988342	6.714612
6/26/2013 13:27	35	2.907616	18.981598	6.713595
6/26/2013 13:27	35.25	2.907494	18.973389	6.713313
6/26/2013 13:27	35.5	2.907022	18.969025	6.712224
6/26/2013 13:27	35.75	2.907022	18.95694	6.712224
6/26/2013 13:27	36	2.907022	18.951141	6.712224
6/26/2013 13:27	36.25	2.907682	18.947296	6.713748
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6/26/2013 13:27	36.75	2.907305	18.928467	6.712877
6/26/2013 13:27	37	2.90797	18.922668	6.714414
6/26/2013 13:27	37.25	2.906889	18.91687	6.711917
6/26/2013 13:27	37.5	2.906992	18.910614	6.712154
6/26/2013 13:27	37.75	2.908155	18.901398	6.71484
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6/26/2013 13:27	38.75	2.907305	18.87439	6.712877
6/26/2013 13:27	39	2.907871	18.869537	6.714184
6/26/2013 13:27	39.25	2.907461	18.859894	6.713238
6/26/2013 13:27	39.5	2.908241	18.850708	6.715039
6/26/2013 13:27	39.75	2.906931	18.848267	6.712013
6/26/2013 13:27	40	2.907461	18.842987	6.713238
6/26/2013 13:27	40.25	2.906868	18.83429	6.711869
6/26/2013 13:27	40.5	2.906931	18.827515	6.712013
6/26/2013 13:27	40.75	2.90712	18.819305	6.712449
6/26/2013 13:27	41	2.907782	18.810608	6.713977
6/26/2013 13:27	41.25	2.907146	18.804352	6.712511
6/26/2013 13:27	41.5	2.90727	18.796631	6.712798
6/26/2013 13:27	41.75	2.906471	18.790833	6.710952
6/26/2013 13:27	42	2.907335	18.782166	6.712947
6/26/2013 13:27	42.25	2.906742	18.776855	6.711578
6/26/2013 13:27	42.5	2.907442	18.77005	6.713194
6/26/2013 13:27	42.75	2.906471	18.765259	6.710952
6/26/2013 13:27	43	2.906441	18.755585	6.710882
6/26/2013 13:27	43.25	2.906992	18.752197	6.712154
6/26/2013 13:27	43.5	2.90712	18.744019	6.712449
6/26/2013 13:27	43.75	2.906776	18.737732	6.711657
6/26/2013 13:27	44	2.906681	18.731934	6.711437
6/26/2013 13:27	44.25	2.906992	18.72229	6.712154
6/26/2013 13:27	44.5	2.906742	18.715057	6.711578
6/26/2013 13:27	44.75	2.906492	18.710693	6.711
6/26/2013 13:27	45	2.906776	18.702972	6.711657

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6/26/2013 13:27	45.75	2.906868	18.68222	6.711869
6/26/2013 13:27	46	2.906561	18.677399	6.711159
6/26/2013 13:27	46.25	2.907335	18.668213	6.712947
6/26/2013 13:27	46.5	2.906776	18.662903	6.711657
6/26/2013 13:27	46.75	2.905617	18.653748	6.708979
6/26/2013 13:27	47	2.906889	18.649902	6.711917
6/26/2013 13:27	47.25	2.90712	18.643585	6.712449
6/26/2013 13:27	47.5	2.906931	18.637329	6.712013
6/26/2013 13:27	47.75	2.907179	18.628662	6.712586
6/26/2013 13:27	48	2.906836	18.621399	6.711793
6/26/2013 13:27	48.25	2.906593	18.615631	6.711234
6/26/2013 13:27	48.5	2.906054	18.608856	6.709988
6/26/2013 13:27	48.75	2.906149	18.604034	6.710207
6/26/2013 13:27	49	2.907179	18.59729	6.712586
6/26/2013 13:27	49.25	2.90617	18.59198	6.710256
6/26/2013 13:27	49.5	2.906742	18.584717	6.711578
6/26/2013 13:27	49.75	2.905745	18.578003	6.709274
6/26/2013 13:27	50	2.906366	18.569336	6.71071
6/26/2013 13:27	50.25	2.906054	18.567841	6.709988
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6/26/2013 13:27	50.75	2.90617	18.551941	6.710256
6/26/2013 13:27	51	2.906403	18.544708	6.710793
6/26/2013 13:27	51.25	2.906118	18.537445	6.710137
6/26/2013 13:27	51.5	2.906429	18.532135	6.710855
6/26/2013 13:27	51.75	2.906561	18.525391	6.711159
6/26/2013 13:27	52	2.905775	18.518158	6.709344
6/26/2013 13:27	52.25	2.906776	18.510437	6.711657
6/26/2013 13:27	52.5	2.906836	18.507538	6.711793
6/26/2013 13:27	52.75	2.906471	18.499329	6.710952
6/26/2013 13:27	53	2.906517	18.492126	6.711058
6/26/2013 13:27	53.25	2.90584	18.490173	6.709494
6/26/2013 13:27	53.5	2.906403	18.478607	6.710793
6/26/2013 13:27	53.75	2.905804	18.473755	6.70941
6/26/2013 13:27	54	2.906086	18.46701	6.710063
6/26/2013 13:27	54.25	2.90624	18.462677	6.710419
6/26/2013 13:27	54.5	2.906616	18.453522	6.711287
6/26/2013 13:27	54.75	2.90584	18.44873	6.709494
6/26/2013 13:27	55	2.906054	18.440979	6.709988
6/26/2013 13:27	55.25	2.906334	18.436615	6.710635
6/26/2013 13:27	55.5	2.906836	18.430359	6.711793
6/26/2013 13:27	55.75	2.907059	18.421692	6.712308
6/26/2013 13:27	56	2.906275	18.415436	6.710499
6/26/2013 13:27	56.25	2.906517	18.412537	6.711058
6/26/2013 13:27	56.5	2.906429	18.402405	6.710855
6/26/2013 13:27	56.75	2.906366	18.398529	6.71071

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6/26/2013 13:27	57.25	2.906616	18.388885	6.711287
6/26/2013 13:27	57.5	2.906681	18.380219	6.711437
6/26/2013 13:27	57.75	2.905588	18.371552	6.708913
6/26/2013 13:27	58	2.905775	18.366669	6.709344
6/26/2013 13:27	58.25	2.906715	18.360901	6.711516
6/26/2013 13:27	58.5	2.905956	18.353668	6.709763
6/26/2013 13:27	58.75	2.905933	18.348389	6.709711
6/26/2013 13:27	59	2.90624	18.339233	6.710419
6/26/2013 13:27	59.25	2.906309	18.335388	6.710578
6/26/2013 13:27	59.5	2.906471	18.32959	6.710952
6/26/2013 13:27	59.75	2.906275	18.319916	6.710499
6/26/2013 13:27	60	2.905909	18.317017	6.709653
6/26/2013 13:27	60.25	2.90696	18.31076	6.71208
6/26/2013 13:27	60.5	2.90617	18.303528	6.710256
6/26/2013 13:27	60.75	2.905371	18.29776	6.708411
6/26/2013 13:27	61	2.906275	18.291992	6.710499
6/26/2013 13:27	61.25	2.906334	18.285706	6.710635
6/26/2013 13:27	61.5	2.906334	18.279938	6.710635
6/26/2013 13:27	61.75	2.905775	18.273163	6.709344
6/26/2013 13:27	62	2.906517	18.266388	6.711058
6/26/2013 13:27	62.25	2.905371	18.259644	6.708411
6/26/2013 13:27	62.5	2.906031	18.254364	6.709935
6/26/2013 13:27	62.75	2.905371	18.249542	6.708411
6/26/2013 13:27	63	2.90584	18.24231	6.709494
6/26/2013 13:27	63.25	2.906149	18.236053	6.710207
6/26/2013 13:27	63.5	2.906593	18.230743	6.711234
6/26/2013 13:27	63.75	2.906366	18.220612	6.71071
6/26/2013 13:27	64	2.905308	18.217255	6.708266
6/26/2013 13:27	64.25	2.90624	18.213867	6.710419
6/26/2013 13:27	64.5	2.906517	18.205658	6.711058
6/26/2013 13:27	64.75	2.905216	18.201324	6.708055
6/26/2013 13:27	65	2.905933	18.196503	6.709711
6/26/2013 13:27	65.25	2.905338	18.189758	6.708336
6/26/2013 13:27	65.5	2.905617	18.183502	6.708979
6/26/2013 13:27	65.75	2.905998	18.177246	6.70986
6/26/2013 13:27	66	2.905092	18.169037	6.707767
6/26/2013 13:27	66.25	2.906517	18.164246	6.711058
6/26/2013 13:27	66.5	2.904711	18.16037	6.706887
6/26/2013 13:27	66.75	2.905115	18.152649	6.707821
6/26/2013 13:27	67	2.90584	18.147827	6.709494
6/26/2013 13:27	67.25	2.905708	18.14209	6.70919
6/26/2013 13:27	67.5	2.905649	18.137756	6.709054
6/26/2013 13:27	67.75	2.904579	18.131439	6.706583
6/26/2013 13:27	68	2.905745	18.12326	6.709274
6/26/2013 13:27	68.25	2.905588	18.11557	6.708913
6/26/2013 13:27	68.5	2.906054	18.11264	6.709988

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6/26/2013 13:27	69	2.904491	18.09964	6.706381
6/26/2013 13:27	69.25	2.905397	18.09433	6.708472
6/26/2013 13:27	69.5	2.905933	18.088074	6.709711
6/26/2013 13:27	69.75	2.905909	18.083252	6.709653
6/26/2013 13:27	70	2.905437	18.075562	6.708565
6/26/2013 13:27	70.25	2.905397	18.069275	6.708472
6/26/2013 13:27	70.5	2.905867	18.065918	6.709557
6/26/2013 13:27	70.75	2.905371	18.06015	6.708411
6/26/2013 13:27	71	2.904938	18.055328	6.707412
6/26/2013 13:27	71.25	2.905247	18.047119	6.708125
6/26/2013 13:27	71.5	2.905115	18.039917	6.707821
6/26/2013 13:27	71.75	2.906275	18.035583	6.710499
6/26/2013 13:27	72	2.905397	18.029297	6.708472
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6/26/2013 13:27	72.75	2.905649	18.013397	6.709054
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6/26/2013 13:27	75	2.903965	17.962341	6.705165
6/26/2013 13:27	75.25	2.906429	17.956085	6.710855
6/26/2013 13:27	75.5	2.905834	17.949341	6.709481
6/26/2013 13:27	75.75	2.905933	17.944	6.709711
6/26/2013 13:27	76	2.90567	17.93924	6.709103
6/26/2013 13:27	76.25	2.904869	17.934875	6.707253
6/26/2013 13:27	76.5	2.90477	17.926697	6.707024
6/26/2013 13:27	76.75	2.904737	17.924774	6.706949
6/26/2013 13:27	77	2.904392	17.913696	6.706151
6/26/2013 13:27	77.25	2.905092	17.91272	6.707767
6/26/2013 13:27	77.5	2.905745	17.906952	6.709274
6/26/2013 13:27	77.75	2.904779	17.901154	6.707046
6/26/2013 13:27	78	2.904886	17.893951	6.707293
6/26/2013 13:27	78.25	2.904203	17.890076	6.705716
6/26/2013 13:27	78.5	2.905308	17.884796	6.708266
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6/26/2013 13:27	79	2.905247	17.872742	6.708125
6/26/2013 13:27	79.25	2.904709	17.86792	6.706883
6/26/2013 13:27	79.5	2.905397	17.861664	6.708472
6/26/2013 13:27	79.75	2.905092	17.855865	6.707767
6/26/2013 13:27	80	2.904491	17.850586	6.706381
6/26/2013 13:27	80.25	2.905909	17.846252	6.709653

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6/26/2013 13:27	81	2.905804	17.829895	6.70941
6/26/2013 13:27	81.25	2.90539	17.824585	6.708455
6/26/2013 13:27	81.5	2.905687	17.817841	6.709142
6/26/2013 13:27	81.75	2.905115	17.811096	6.707821
6/26/2013 13:27	82	2.904964	17.80484	6.707473
6/26/2013 13:27	82.25	2.905216	17.802917	6.708055
6/26/2013 13:27	82.5	2.905079	17.795197	6.707737
6/26/2013 13:27	82.75	2.904802	17.792816	6.707098
6/26/2013 13:27	83	2.904392	17.785126	6.706151
6/26/2013 13:27	83.25	2.904711	17.779816	6.706887
6/26/2013 13:27	83.5	2.905014	17.773071	6.707588
6/26/2013 13:27	83.75	2.905588	17.768738	6.708913
6/26/2013 13:27	84	2.905729	17.761993	6.709239
6/26/2013 13:27	84.25	2.90564	17.758606	6.709033
6/26/2013 13:27	84.5	2.905708	17.75235	6.70919
6/26/2013 13:27	84.75	2.904919	17.748016	6.707367
6/26/2013 13:27	85	2.905115	17.743683	6.707821
6/26/2013 13:27	85.25	2.904886	17.735504	6.707293
6/26/2013 13:27	85.5	2.905014	17.731171	6.707588
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6/26/2013 13:28	86	2.904276	17.7211	6.705883
6/26/2013 13:28	86.25	2.904169	17.714355	6.705637
6/26/2013 13:28	86.5	2.905483	17.709045	6.70867
6/26/2013 13:28	86.75	2.905308	17.703735	6.708266
6/26/2013 13:28	87	2.905397	17.697968	6.708472
6/26/2013 13:28	87.25	2.904827	17.693146	6.707155
6/26/2013 13:28	87.5	2.904869	17.688812	6.707253
6/26/2013 13:28	87.75	2.904146	17.682526	6.705583
6/26/2013 13:28	88	2.904018	17.678223	6.705289
6/26/2013 13:28	88.25	2.905588	17.671967	6.708913
6/26/2013 13:28	88.5	2.90712	17.666687	6.712449
6/26/2013 13:28	88.75	2.904522	17.664764	6.706452
6/26/2013 13:28	89.014	2.906826	17.655609	6.711771
6/26/2013 13:28	89.25	2.906954	17.652252	6.712067
6/26/2013 13:28	89.5	2.910854	17.645966	6.721072
6/26/2013 13:28	89.75	2.912134	17.643097	6.724028
6/26/2013 13:28	90	2.918331	17.63681	6.738336
6/26/2013 13:28	90.25	3.631224	17.630585	8.384383
6/26/2013 13:28	90.5	5.141424	17.62674	11.871388
6/26/2013 13:28	90.75	4.277756	17.621918	9.877206
6/26/2013 13:28	91	3.971739	17.61615	9.170622
6/26/2013 13:28	91.25	3.64814	17.61087	8.423443
6/26/2013 13:28	91.5	3.678553	17.606506	8.493664
6/26/2013 13:28	91.75	2.775789	17.598816	6.409211
6/26/2013 13:28	92	3.410706	17.594482	7.875214

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6/26/2013 13:28	92.5	3.266256	17.583893	7.541684
6/26/2013 13:28	92.75	3.243906	17.580536	7.490078
6/26/2013 13:28	93	3.235168	17.574768	7.469903
6/26/2013 13:28	93.25	3.231644	17.572357	7.461765
6/26/2013 13:28	93.5	3.225906	17.566101	7.448518
6/26/2013 13:28	93.75	3.222815	17.558868	7.441379
6/26/2013 13:28	94	3.218687	17.552612	7.431849
6/26/2013 13:28	94.25	3.214283	17.547821	7.42168
6/26/2013 13:28	94.5	3.21195	17.543518	7.416294
6/26/2013 13:28	94.75	3.206959	17.538208	7.404768
6/26/2013 13:28	95	3.205334	17.533386	7.401017
6/26/2013 13:28	95.25	3.202778	17.527588	7.395115
6/26/2013 13:28	95.5	3.199881	17.525177	7.388425
6/26/2013 13:28	95.75	3.199934	17.518921	7.388549
6/26/2013 13:28	96	3.198095	17.510773	7.384303
6/26/2013 13:28	96.25	3.195551	17.506439	7.378428
6/26/2013 13:28	96.5	3.194067	17.499695	7.375001
6/26/2013 13:28	96.75	3.1917	17.494873	7.369536
6/26/2013 13:28	97	3.190794	17.492462	7.367445
6/26/2013 13:28	97.25	3.18926	17.487183	7.363904
6/26/2013 13:28	97.5	3.187765	17.478516	7.360451
6/26/2013 13:28	97.75	3.186708	17.472748	7.358011
6/26/2013 13:28	98	3.18527	17.468933	7.35469
6/26/2013 13:28	98.25	3.18339	17.466034	7.350348
6/26/2013 13:28	98.5	3.183052	17.459747	7.349569
6/26/2013 13:28	98.75	3.181524	17.450134	7.346041
6/26/2013 13:28	99	3.181057	17.448181	7.344962
6/26/2013 13:28	99.25	3.179392	17.442444	7.341117
6/26/2013 13:28	99.5	3.179216	17.437653	7.340712
6/26/2013 13:28	99.75	3.177843	17.431396	7.337541
6/26/2013 13:28	100	3.17697	17.42511	7.335524
6/26/2013 13:28	100.25	3.177374	17.420319	7.336458
6/26/2013 13:28	100.5	3.175905	17.413605	7.333067
6/26/2013 13:28	100.75	3.175377	17.409271	7.331847
6/26/2013 13:28	101	3.174067	17.404449	7.328821
6/26/2013 13:28	101.25	3.173065	17.399139	7.326509
6/26/2013 13:28	101.5	3.174973	17.390503	7.330913
6/26/2013 13:28	101.75	3.171753	17.387573	7.323479
6/26/2013 13:28	102	3.170727	17.381378	7.321109
6/26/2013 13:28	102.25	3.170198	17.375122	7.31989
6/26/2013 13:28	102.5	3.168133	17.370758	7.315121
6/26/2013 13:28	102.75	3.169823	17.36261	7.319023
6/26/2013 13:28	103	3.167326	17.358734	7.313258
6/26/2013 13:28	103.25	3.166759	17.354919	7.31195
6/26/2013 13:28	103.5	3.166613	17.345764	7.31161
6/26/2013 13:28	103.75	3.165483	17.342865	7.309003

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6/26/2013 13:28	104.25	3.164242	17.327972	7.306137
6/26/2013 13:28	104.5	3.163776	17.325562	7.305062
6/26/2013 13:28	104.75	3.1632	17.321228	7.303732
6/26/2013 13:28	105	3.161989	17.315948	7.300935
6/26/2013 13:28	105.25	3.162142	17.310211	7.301288
6/26/2013 13:28	105.5	3.161243	17.302002	7.299213
6/26/2013 13:28	105.75	3.160645	17.298645	7.297831
6/26/2013 13:28	106	3.15983	17.291901	7.295949
6/26/2013 13:28	106.25	3.158895	17.288055	7.293791
6/26/2013 13:28	106.5	3.159147	17.28183	7.294373
6/26/2013 13:28	106.75	3.157867	17.277008	7.291418
6/26/2013 13:28	107	3.157959	17.270264	7.291629
6/26/2013 13:28	107.25	3.1563	17.26355	7.287798
6/26/2013 13:28	107.5	3.156431	17.261627	7.288102
6/26/2013 13:28	107.75	3.15559	17.256805	7.28616
6/26/2013 13:28	108	3.15547	17.246246	7.285882
6/26/2013 13:28	108.25	3.15522	17.243835	7.285306
6/26/2013 13:28	108.5	3.15472	17.238037	7.284152
6/26/2013 13:28	108.75	3.153879	17.235657	7.282209
6/26/2013 13:28	109	3.154095	17.230835	7.282707
6/26/2013 13:28	109.25	3.152096	17.225067	7.278091
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6/26/2013 13:29	176.75	3.032486	16.140594	7.001915
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6/26/2013 13:29	177.25	3.030861	16.136292	6.998164
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6/26/2013 13:29	177.75	3.03105	16.127167	6.9986
6/26/2013 13:29	178	3.030048	16.125275	6.996288
6/26/2013 13:29	178.25	3.029673	16.124786	6.99542
6/26/2013 13:29	178.5	3.029861	16.11853	6.995857
6/26/2013 13:29	178.75	3.029619	16.115204	6.995297
6/26/2013 13:29	179	3.029799	16.11615	6.99571
6/26/2013 13:29	179.25	3.028769	16.11087	6.993332
6/26/2013 13:29	179.5	3.02952	16.106567	6.995068
6/26/2013 13:29	179.75	3.028301	16.105591	6.992254
6/26/2013 13:29	180	3.029205	16.105103	6.994341
6/26/2013 13:29	180.25	3.026863	16.103699	6.988933
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6/26/2013 13:29	180.75	3.026646	16.094116	6.988431
6/26/2013 13:29	181	3.028431	16.09314	6.992553
6/26/2013 13:29	181.25	3.02668	16.089783	6.98851
6/26/2013 13:29	181.5	3.026922	16.087372	6.989069
6/26/2013 13:29	181.75	3.026428	16.08786	6.987929
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6/26/2013 13:29	182.75	3.025341	16.073486	6.985419
6/26/2013 13:29	183	3.024401	16.074432	6.983247
6/26/2013 13:29	183.25	3.024342	16.070587	6.98311
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6/26/2013 13:29	184.75	3.023462	16.052856	6.981081
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6/26/2013 13:29	185.25	3.023527	16.050476	6.981231
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6/26/2013 13:29	186	3.022022	16.043335	6.977756

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6/26/2013 13:29	186.75	3.022747	16.03418	6.979429
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6/26/2013 13:29	191.75	3.017366	15.984833	6.967006
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6/26/2013 13:29	194	3.015966	15.963257	6.963773
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6/26/2013 13:29	195	3.015312	15.952698	6.962263
6/26/2013 13:29	195.25	3.014853	15.949371	6.961201
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6/26/2013 13:29	195.75	3.014156	15.94696	6.959593
6/26/2013 13:29	196	3.013407	15.946503	6.957863
6/26/2013 13:29	196.25	3.013527	15.941681	6.95814
6/26/2013 13:29	196.5	3.014217	15.938843	6.959734
6/26/2013 13:29	196.75	3.014313	15.937897	6.959955
6/26/2013 13:29	197	3.013189	15.934509	6.957361
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6/26/2013 13:29	197.5	3.012527	15.930695	6.955832
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6/26/2013 13:29	198.75	3.011406	15.920624	6.953243
6/26/2013 13:29	199	3.011871	15.915314	6.954317
6/26/2013 13:29	199.25	3.010595	15.914398	6.951371
6/26/2013 13:29	199.5	3.011497	15.912476	6.953454
6/26/2013 13:29	199.75	3.011059	15.912964	6.952442
6/26/2013 13:29	200	3.011658	15.909119	6.953825
6/26/2013 13:29	200.25	3.01041	15.904327	6.950944
6/26/2013 13:29	200.5	3.010689	15.903381	6.951587
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6/26/2013 13:29	201	3.010851	15.899048	6.951961
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6/26/2013 13:29	201.5	3.009562	15.895233	6.948985
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6/26/2013 13:29	202	3.009027	15.890442	6.947752
6/26/2013 13:29	202.25	3.009027	15.891388	6.947752
6/26/2013 13:29	202.5	3.008627	15.887085	6.946827
6/26/2013 13:29	202.75	3.008163	15.883728	6.945757
6/26/2013 13:29	203	3.009249	15.881348	6.948262
6/26/2013 13:29	203.25	3.008247	15.880859	6.94595
6/26/2013 13:29	203.5	3.008627	15.878448	6.946827
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6/26/2013 13:29	204	3.009003	15.873199	6.947694
6/26/2013 13:29	204.25	3.009352	15.873688	6.9485
6/26/2013 13:29	204.5	3.009127	15.869843	6.94798
6/26/2013 13:29	204.75	3.008345	15.868408	6.946175
6/26/2013 13:29	205	3.007877	15.866486	6.945096
6/26/2013 13:29	205.25	3.00766	15.863098	6.944593
6/26/2013 13:29	205.5	3.007095	15.861237	6.94329
6/26/2013 13:30	205.75	3.006227	15.861237	6.941287
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6/26/2013 13:30	206.75	3.006567	15.853058	6.94207
6/26/2013 13:30	207	3.006159	15.846832	6.941128
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6/26/2013 13:30	208.25	3.004751	15.841095	6.937878
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6/26/2013 13:30	209.25	3.003498	15.828644	6.934984
6/26/2013 13:30	209.5	3.003942	15.827209	6.93601

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6/26/2013 13:30	210.25	3.003407	15.821472	6.934772
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6/26/2013 13:30	211.25	3.003967	15.813812	6.936068
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6/26/2013 13:30	214.25	3.000937	15.793213	6.929069
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6/26/2013 13:30	215.25	3.000851	15.782166	6.928871
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6/26/2013 13:30	216	3.000566	15.777405	6.928215
6/26/2013 13:30	216.25	3.000566	15.776917	6.928215
6/26/2013 13:30	216.5	3.000408	15.774536	6.927849
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6/26/2013 13:30	217.5	2.999065	15.76828	6.924749
6/26/2013 13:30	217.75	2.999222	15.766876	6.92511
6/26/2013 13:30	218	2.998997	15.762054	6.92459
6/26/2013 13:30	218.25	2.999128	15.761108	6.924894
6/26/2013 13:30	218.5	2.999098	15.759644	6.924824
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6/26/2013 13:30	219	2.997654	15.756805	6.92149
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6/26/2013 13:30	220	2.99719	15.748169	6.92042
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6/26/2013 13:30	221.25	2.996849	15.740509	6.919631

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6/26/2013 13:30	222	2.996908	15.736694	6.919768
6/26/2013 13:30	222.25	2.996908	15.734772	6.919768
6/26/2013 13:30	222.5	2.996626	15.734283	6.919116
6/26/2013 13:30	222.75	2.996849	15.730469	6.919631
6/26/2013 13:30	223	2.995939	15.726135	6.917531
6/26/2013 13:30	223.25	2.995939	15.726624	6.917531
6/26/2013 13:30	223.5	2.99572	15.725189	6.917025
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6/26/2013 13:30	224	2.995533	15.722351	6.916593
6/26/2013 13:30	224.25	2.99444	15.720886	6.914069
6/26/2013 13:30	224.5	2.995129	15.717987	6.915659
6/26/2013 13:30	224.75	2.994844	15.717041	6.915003
6/26/2013 13:30	225	2.995758	15.715607	6.917113
6/26/2013 13:30	225.25	2.995569	15.710327	6.916677
6/26/2013 13:30	225.5	2.994253	15.710815	6.913638
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6/26/2013 13:30	226.5	2.995913	15.705566	6.917469
6/26/2013 13:30	226.75	2.995817	15.699829	6.917249
6/26/2013 13:30	227	2.995701	15.697906	6.916981
6/26/2013 13:30	227.25	2.995407	15.701263	6.916303
6/26/2013 13:30	227.5	2.993536	15.69693	6.911982
6/26/2013 13:30	227.75	2.993757	15.697418	6.912493
6/26/2013 13:30	228	2.992756	15.692627	6.910181
6/26/2013 13:30	228.25	2.992939	15.691193	6.910604
6/26/2013 13:30	228.5	2.991751	15.690704	6.90786
6/26/2013 13:30	228.75	2.992626	15.68692	6.909881
6/26/2013 13:30	229	2.991533	15.687836	6.907357
6/26/2013 13:30	229.25	2.993221	15.68692	6.911255
6/26/2013 13:30	229.5	2.992912	15.684967	6.910542
6/26/2013 13:30	229.75	2.993244	15.679688	6.911308
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6/26/2013 13:30	231	2.991472	15.674438	6.907216
6/26/2013 13:30	231.25	2.991999	15.674438	6.908432
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6/26/2013 13:30	231.75	2.99184	15.668213	6.908067
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6/26/2013 13:30	234.25	2.99122	15.653839	6.906635
6/26/2013 13:30	234.5	2.989971	15.651947	6.903751
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6/26/2013 13:30	235	2.990067	15.648102	6.903971
6/26/2013 13:30	235.25	2.989384	15.647156	6.902394
6/26/2013 13:30	235.5	2.989971	15.645264	6.903751
6/26/2013 13:30	235.75	2.989565	15.647614	6.902813
6/26/2013 13:30	236	2.990623	15.641876	6.905257
6/26/2013 13:30	236.25	2.99065	15.640411	6.905319
6/26/2013 13:30	236.5	2.989246	15.641388	6.902077
6/26/2013 13:30	236.75	2.989939	15.638031	6.903676
6/26/2013 13:30	237	2.989534	15.633728	6.902743
6/26/2013 13:30	237.25	2.990067	15.635651	6.903971
6/26/2013 13:30	237.5	2.989635	15.632782	6.902976
6/26/2013 13:30	237.75	2.989531	15.63089	6.902734
6/26/2013 13:30	238	2.989246	15.629913	6.902077
6/26/2013 13:30	238.25	2.989029	15.631836	6.901575
6/26/2013 13:30	238.5	2.989183	15.627014	6.901932
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6/26/2013 13:30	239.753	2.988321	15.620331	6.899941
6/26/2013 13:30	240	2.988749	15.618927	6.900927
6/26/2013 13:30	240.25	2.988029	15.615051	6.899267
6/26/2013 13:30	240.5	2.989092	15.614594	6.901721
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6/26/2013 13:30	242	2.987406	15.605499	6.897827
6/26/2013 13:30	242.25	2.987442	15.605499	6.897911
6/26/2013 13:30	242.5	2.987745	15.602631	6.898611
6/26/2013 13:30	242.75	2.988155	15.602631	6.899558
6/26/2013 13:30	243	2.987907	15.60025	6.898986
6/26/2013 13:30	243.25	2.987782	15.599731	6.898695
6/26/2013 13:30	243.5	2.986744	15.595917	6.896299
6/26/2013 13:30	243.75	2.98694	15.595428	6.896752
6/26/2013 13:30	244	2.987745	15.594971	6.898611
6/26/2013 13:30	244.25	2.986744	15.593536	6.896299
6/26/2013 13:30	244.5	2.987589	15.593536	6.898251
6/26/2013 13:30	244.75	2.987213	15.589233	6.897383

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6/26/2013 13:30	245.25	2.987684	15.585419	6.89847
6/26/2013 13:30	245.5	2.987745	15.585419	6.898611
6/26/2013 13:30	245.75	2.98716	15.583954	6.897259
6/26/2013 13:30	246	2.986967	15.58252	6.896814
6/26/2013 13:30	246.25	2.987064	15.58252	6.897039
6/26/2013 13:30	246.5	2.987001	15.578674	6.896894
6/26/2013 13:30	246.75	2.986691	15.579163	6.896176
6/26/2013 13:30	247	2.986691	15.575806	6.896176
6/26/2013 13:30	247.25	2.986502	15.575348	6.895741
6/26/2013 13:30	247.5	2.98687	15.573395	6.89659
6/26/2013 13:30	247.75	2.987001	15.571991	6.896894
6/26/2013 13:30	248	2.987091	15.569122	6.8971
6/26/2013 13:30	248.25	2.987473	15.570068	6.897982
6/26/2013 13:30	248.5	2.98716	15.566254	6.897259
6/26/2013 13:30	248.75	2.98822	15.568634	6.899708
6/26/2013 13:30	249	2.987995	15.566254	6.899189
6/26/2013 13:30	249.25	2.988121	15.565765	6.899478
6/26/2013 13:30	249.5	2.988192	15.564331	6.899642
6/26/2013 13:30	249.75	2.987371	15.561005	6.897748
6/26/2013 13:30	250	2.984566	15.558594	6.89127
6/26/2013 13:30	250.25	2.985249	15.559052	6.892846
6/26/2013 13:30	250.5	2.986282	15.556183	6.895234
6/26/2013 13:30	250.75	2.985495	15.556671	6.893415
6/26/2013 13:30	251	2.984251	15.552856	6.890543
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6/26/2013 13:30	251.5	2.985401	15.552856	6.893198
6/26/2013 13:30	251.75	2.98572	15.549988	6.893934
6/26/2013 13:30	252	2.985561	15.548035	6.893569
6/26/2013 13:30	252.25	2.988371	15.546143	6.900056
6/26/2013 13:30	252.5	2.986155	15.547089	6.894938
6/26/2013 13:30	252.75	2.984976	15.54425	6.892217
6/26/2013 13:30	253	2.986	15.54425	6.894581
6/26/2013 13:30	253.25	2.984627	15.541351	6.891411
6/26/2013 13:30	253.5	2.98572	15.543274	6.893934
6/26/2013 13:30	253.75	2.985687	15.538483	6.893859
6/26/2013 13:30	254	2.985001	15.537048	6.892273
6/26/2013 13:30	254.25	2.985428	15.535126	6.89326
6/26/2013 13:30	254.5	2.985401	15.535126	6.893198
6/26/2013 13:30	254.75	2.98534	15.533691	6.893057
6/26/2013 13:30	255	2.984495	15.532745	6.891108
6/26/2013 13:30	255.25	2.985687	15.534149	6.893859
6/26/2013 13:30	255.5	2.984743	15.530365	6.891679
6/26/2013 13:30	255.75	2.984438	15.526031	6.890975
6/26/2013 13:30	256	2.985031	15.528412	6.892344
6/26/2013 13:30	256.25	2.98468	15.527008	6.891534
6/26/2013 13:30	256.5	2.984116	15.522675	6.890231

6/26/2013 13:30	256.75	2.984659	15.525085	6.891485
6/26/2013 13:30	257	2.984028	15.522186	6.890028
6/26/2013 13:30	257.25	2.9844	15.51889	6.890886
6/26/2013 13:30	257.5	2.984659	15.519806	6.891485
6/26/2013 13:30	257.75	2.984306	15.518402	6.890671
6/26/2013 13:30	258	2.984062	15.517914	6.890107
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6/26/2013 13:30	258.5	2.983934	15.513123	6.889812
6/26/2013 13:30	258.75	2.983337	15.51358	6.888434
6/26/2013 13:30	259	2.983652	15.51358	6.889161
6/26/2013 13:30	259.25	2.9844	15.5112	6.890886
6/26/2013 13:30	259.5	2.984184	15.508789	6.890389
6/26/2013 13:30	259.75	2.983627	15.509277	6.889103
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6/26/2013 13:30	260.25	2.983438	15.505951	6.888668
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6/26/2013 13:30	261.25	2.984215	15.501129	6.89046
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6/26/2013 13:30	263.25	2.982279	15.491089	6.885989
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6/26/2013 13:30	265	2.982597	15.482025	6.886724
6/26/2013 13:30	265.25	2.981525	15.484406	6.88425
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6/26/2013 13:31	265.75	2.982155	15.47818	6.885703
6/26/2013 13:31	266	2.982279	15.478668	6.885989
6/26/2013 13:31	266.25	2.981504	15.476715	6.884201
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6/26/2013 13:31	267	2.982155	15.474365	6.885703
6/26/2013 13:31	267.25	2.982243	15.477203	6.885906
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6/26/2013 13:31	269	2.981897	15.465729	6.885108
6/26/2013 13:31	269.25	2.980965	15.466217	6.882955
6/26/2013 13:31	269.5	2.981226	15.465271	6.883558
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6/26/2013 13:31	270	2.981161	15.461914	6.883409
6/26/2013 13:31	270.25	2.982147	15.461456	6.885686
6/26/2013 13:31	270.5	2.982117	15.459991	6.885615
6/26/2013 13:31	270.75	2.980841	15.458557	6.882669
6/26/2013 13:31	271	2.982029	15.456665	6.885412
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6/26/2013 13:31	272	2.980585	15.456146	6.882078
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6/26/2013 13:31	272.5	2.981558	15.453308	6.884325
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6/26/2013 13:31	273	2.98077	15.449463	6.882506
6/26/2013 13:31	273.25	2.98065	15.450897	6.882228
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6/26/2013 13:31	275.25	2.979902	15.439423	6.880502
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6/26/2013 13:31	278	2.979744	15.426483	6.880137
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6/26/2013 13:31	281.25	2.978897	15.419342	6.878181
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6/26/2013 13:31	288	2.980183	15.395874	6.88115
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6/26/2013 13:31	289.75	2.980862	15.390625	6.882717
6/26/2013 13:31	290	2.980446	15.391571	6.881758
6/26/2013 13:31	290.25	2.979109	15.390625	6.87867
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6/26/2013 13:31	291	2.979168	15.387268	6.878806
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6/26/2013 13:31	291.5	2.978758	15.386322	6.87786
6/26/2013 13:31	291.75	2.978676	15.385834	6.87767

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6/26/2013 13:31	292.25	2.978886	15.383423	6.878155
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6/26/2013 13:31	293	2.978552	15.380585	6.877384
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6/26/2013 13:31	298.25	2.977198	15.366699	6.874257
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6/26/2013 13:31	302	2.976698	15.35376	6.873104
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6/26/2013 13:31	305.5	2.975164	15.34613	6.869562
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6/26/2013 13:31	306	2.973978	15.347076	6.866824
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6/26/2013 13:31	309	2.973633	15.339874	6.866026
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6/26/2013 13:31	310	2.973633	15.335114	6.866026
6/26/2013 13:31	310.25	2.972477	15.336548	6.863357
6/26/2013 13:31	310.5	2.972946	15.335114	6.864441
6/26/2013 13:31	310.75	2.972792	15.335602	6.864083
6/26/2013 13:31	311	2.972673	15.332245	6.863811
6/26/2013 13:31	311.25	2.972227	15.334167	6.86278
6/26/2013 13:31	311.5	2.972851	15.333649	6.86422
6/26/2013 13:31	311.75	2.972506	15.329376	6.863423
6/26/2013 13:31	312	2.973383	15.334167	6.865449
6/26/2013 13:31	312.25	2.972294	15.329376	6.862935
6/26/2013 13:31	312.5	2.972197	15.328888	6.86271
6/26/2013 13:31	312.75	2.971975	15.3284	6.862199
6/26/2013 13:31	313	2.972227	15.332245	6.86278
6/26/2013 13:31	313.25	2.972294	15.328888	6.862935
6/26/2013 13:31	313.5	2.971607	15.330811	6.86135
6/26/2013 13:31	313.75	2.972418	15.327911	6.863221
6/26/2013 13:31	314	2.971811	15.329376	6.86182
6/26/2013 13:31	314.25	2.972097	15.325073	6.862481
6/26/2013 13:31	314.5	2.972601	15.329865	6.863644
6/26/2013 13:31	314.75	2.972046	15.327484	6.862362
6/26/2013 13:31	315	2.972321	15.326019	6.862996
6/26/2013 13:31	315.25	2.97154	15.324615	6.861195

6/26/2013 13:31	315.5	2.972942	15.324615	6.864432
6/26/2013 13:31	315.75	2.971355	15.326965	6.860768
6/26/2013 13:31	316	2.971323	15.322662	6.860693
6/26/2013 13:31	316.25	2.971817	15.324127	6.861833
6/26/2013 13:31	316.5	2.971132	15.323639	6.860252
6/26/2013 13:31	316.75	2.971996	15.325073	6.862247
6/26/2013 13:31	317	2.971069	15.319824	6.860106
6/26/2013 13:31	317.25	2.971287	15.321259	6.86061
6/26/2013 13:31	317.5	2.972246	15.322205	6.862824
6/26/2013 13:31	317.75	2.971231	15.319824	6.860481
6/26/2013 13:31	318	2.971132	15.32077	6.860252
6/26/2013 13:31	318.25	2.970898	15.317902	6.859711
6/26/2013 13:31	318.5	2.970669	15.316925	6.859182
6/26/2013 13:31	318.75	2.971279	15.318878	6.860592
6/26/2013 13:31	319	2.971302	15.317902	6.860645
6/26/2013 13:31	319.25	2.971056	15.317902	6.860076
6/26/2013 13:31	319.5	2.970526	15.317902	6.858851
6/26/2013 13:31	319.75	2.970787	15.315979	6.859455
6/26/2013 13:31	320	2.970026	15.318878	6.857698
6/26/2013 13:31	320.25	2.970406	15.314575	6.858574
6/26/2013 13:31	320.5	2.970037	15.314056	6.857725
6/26/2013 13:31	320.75	2.971663	15.314575	6.861477
6/26/2013 13:31	321	2.971811	15.314575	6.86182
6/26/2013 13:31	321.25	2.972805	15.311676	6.864115
6/26/2013 13:31	321.5	2.971607	15.315979	6.86135
6/26/2013 13:31	321.75	2.972805	15.312164	6.864115
6/26/2013 13:31	322	2.971714	15.313599	6.861596
6/26/2013 13:31	322.25	2.970526	15.310242	6.858851
6/26/2013 13:31	322.5	2.969717	15.312653	6.856985
6/26/2013 13:31	322.75	2.968931	15.309753	6.85517
6/26/2013 13:31	323	2.969027	15.312164	6.855391
6/26/2013 13:31	323.25	2.96928	15.309753	6.855977
6/26/2013 13:31	323.5	2.969131	15.311676	6.855632
6/26/2013 13:31	323.75	2.968588	15.307861	6.854378
6/26/2013 13:31	324	2.968651	15.307861	6.854523
6/26/2013 13:31	324.25	2.968748	15.304016	6.854747
6/26/2013 13:31	324.5	2.969059	15.305939	6.855465
6/26/2013 13:31	324.75	2.967525	15.305939	6.851925
6/26/2013 13:31	325	2.968651	15.305939	6.854523
6/26/2013 13:31	325.25	2.969753	15.30545	6.857068
6/26/2013 13:31	325.5	2.968803	15.30545	6.854875
6/26/2013 13:32	325.75	2.969305	15.304504	6.856034
6/26/2013 13:32	326	2.968779	15.304016	6.854817
6/26/2013 13:32	326.25	2.969131	15.302124	6.855632
6/26/2013 13:32	326.5	2.967995	15.304962	6.853008
6/26/2013 13:32	326.75	2.969213	15.303558	6.855823
6/26/2013 13:32	327	2.968529	15.30307	6.854242

6/26/2013 13:32	327.25	2.969213	15.300201	6.855823
6/26/2013 13:32	327.5	2.968803	15.302582	6.854875
6/26/2013 13:32	327.75	2.968588	15.300201	6.854378
6/26/2013 13:32	328	2.968313	15.295898	6.853744
6/26/2013 13:32	328.25	2.968153	15.299225	6.853373
6/26/2013 13:32	328.5	2.96909	15.299225	6.855536
6/26/2013 13:32	328.75	2.96768	15.299225	6.852282
6/26/2013 13:32	329	2.967525	15.296356	6.851925
6/26/2013 13:32	329.25	2.968176	15.299225	6.853426
6/26/2013 13:32	329.5	2.967245	15.296356	6.851277
6/26/2013 13:32	329.75	2.967558	15.296356	6.852
6/26/2013 13:32	330	2.967558	15.295441	6.852
6/26/2013 13:32	330.25	2.967367	15.295898	6.851559
6/26/2013 13:32	330.5	2.968557	15.297821	6.854307
6/26/2013 13:32	330.75	2.967722	15.295898	6.852377
6/26/2013 13:32	331	2.967722	15.295898	6.852377
6/26/2013 13:32	331.25	2.967211	15.294952	6.851198
6/26/2013 13:32	331.5	2.966867	15.29303	6.850406
6/26/2013 13:32	331.75	2.96715	15.294464	6.851057
6/26/2013 13:32	332	2.967056	15.293976	6.850841
6/26/2013 13:32	332.25	2.966713	15.292542	6.850048
6/26/2013 13:32	332.5	2.967278	15.292542	6.851352
6/26/2013 13:32	332.75	2.967211	15.292542	6.851198
6/26/2013 13:32	333	2.967367	15.291107	6.851559
6/26/2013 13:32	333.25	2.966612	15.290161	6.849815
6/26/2013 13:32	333.5	2.96784	15.289703	6.852651
6/26/2013 13:32	333.75	2.967278	15.291595	6.851352
6/26/2013 13:32	334	2.96715	15.291595	6.851057
6/26/2013 13:32	334.25	2.967028	15.288727	6.850775
6/26/2013 13:32	334.5	2.966568	15.288727	6.849713
6/26/2013 13:32	334.75	2.966522	15.28775	6.849608
6/26/2013 13:32	335	2.965893	15.286804	6.848155
6/26/2013 13:32	335.25	2.966568	15.288239	6.849713
6/26/2013 13:32	335.501	2.966867	15.282013	6.850406
6/26/2013 13:32	335.749	2.96521	15.289215	6.846578
6/26/2013 13:32	336	2.966936	15.28775	6.850564
6/26/2013 13:32	336.25	2.966366	15.287262	6.849247
6/26/2013 13:32	336.5	2.966248	15.284912	6.848974
6/26/2013 13:32	336.75	2.966183	15.287262	6.848824
6/26/2013 13:32	337	2.965498	15.283478	6.847243
6/26/2013 13:32	337.25	2.965433	15.286804	6.847093
6/26/2013 13:32	337.5	2.966183	15.284393	6.848824
6/26/2013 13:32	337.75	2.965876	15.282013	6.848115
6/26/2013 13:32	338	2.966278	15.283966	6.849045
6/26/2013 13:32	338.25	2.964773	15.280609	6.845569
6/26/2013 13:32	338.5	2.965279	15.281067	6.846736
6/26/2013 13:32	338.75	2.965744	15.280609	6.847811

6/26/2013 13:32	339	2.966202	15.283966	6.848869
6/26/2013 13:32	339.25	2.964617	15.281525	6.845209
6/26/2013 13:32	339.5	2.965967	15.281525	6.848327
6/26/2013 13:32	339.75	2.966803	15.281067	6.850255
6/26/2013 13:32	340	2.96649	15.285858	6.849533

*** Depth recorded by sensor does not represent depth to groundwater from top of well casing.**

BCP MW2 **Bouwer and Rice Slug-Test Method**

Static water level = 6.71 feet (measured by transducer)
Maximum depth of water in well = 11.87 feet, occurs at 90.5 seconds

y_0 = Maximum depth - Static water level

y_0 = 5.16 feet

Elapsed Time	Depth	t	y_t
Seconds	Feet	Seconds	Feet
90.5	11.87139	0	5.161388
90.75	9.877206	0.25	3.167206
91	9.170622	0.5	2.460622
91.25	8.423443	0.75	1.713443
91.5	8.493664	1	1.783664
91.75	6.409211	1.25	-0.30079
92	7.875214	1.5	1.165214
92.25	7.443193	1.75	0.733193
92.5	7.541684	2	0.831684
92.75	7.490078	2.25	0.780078
93	7.469903	2.5	0.759903
93.25	7.461765	2.75	0.751765
93.5	7.448518	3	0.738518
93.75	7.441379	3.25	0.731379
94	7.431849	3.5	0.721849
94.25	7.42168	3.75	0.71168
94.5	7.416294	4	0.706294
94.75	7.404768	4.25	0.694768
95	7.401017	4.5	0.691017
95.25	7.395115	4.75	0.685115
95.5	7.388425	5	0.678425
95.75	7.388549	5.25	0.678549
96	7.384303	5.5	0.674303
96.25	7.378428	5.75	0.668428
96.5	7.375001	6	0.665001
96.75	7.369536	6.25	0.659536
97	7.367445	6.5	0.657445
97.25	7.363904	6.75	0.653904
97.5	7.360451	7	0.650451
97.75	7.358011	7.25	0.648011
98	7.35469	7.5	0.64469
98.25	7.350348	7.75	0.640348
98.5	7.349569	8	0.639569
98.75	7.346041	8.25	0.636041

99	7.344962	8.5	0.634962
99.25	7.341117	8.75	0.631117
99.5	7.340712	9	0.630712
99.75	7.337541	9.25	0.627541
100	7.335524	9.5	0.625524
100.25	7.336458	9.75	0.626458
100.5	7.333067	10	0.623067
100.75	7.331847	10.25	0.621847
101	7.328821	10.5	0.618821
101.25	7.326509	10.75	0.616509
101.5	7.330913	11	0.620913
101.75	7.323479	11.25	0.613479
102	7.321109	11.5	0.611109
102.25	7.31989	11.75	0.60989
102.5	7.315121	12	0.605121
102.75	7.319023	12.25	0.609023
103	7.313258	12.5	0.603258
103.25	7.31195	12.75	0.60195
103.5	7.31161	13	0.60161
103.75	7.309003	13.25	0.599003
104	7.309497	13.5	0.599497
104.25	7.306137	13.75	0.596137
104.5	7.305062	14	0.595062
104.75	7.303732	14.25	0.593732
105	7.300935	14.5	0.590935
105.25	7.301288	14.75	0.591288
105.5	7.299213	15	0.589213
105.75	7.297831	15.25	0.587831
106	7.295949	15.5	0.585949
106.25	7.293791	15.75	0.583791
106.5	7.294373	16	0.584373
106.75	7.291418	16.25	0.581418
107	7.291629	16.5	0.581629
107.25	7.287798	16.75	0.577798
107.5	7.288102	17	0.578102
107.75	7.28616	17.25	0.57616
108	7.285882	17.5	0.575882
108.25	7.285306	17.75	0.575306
108.5	7.284152	18	0.574152
108.75	7.282209	18.25	0.572209
109	7.282707	18.5	0.572707
109.25	7.278091	18.75	0.568091
109.5	7.278888	19	0.568888
109.75	7.275845	19.25	0.565845
110	7.276652	19.5	0.566652
110.25	7.272172	19.75	0.562172
110.5	7.270093	20	0.560093

110.75	7.268799	20.25	0.558799
111	7.268231	20.5	0.558231
111.25	7.26758	20.75	0.55758
111.5	7.264906	21	0.554906
111.75	7.263391	21.25	0.553391
112	7.263324	21.5	0.553324
112.25	7.262599	21.75	0.552599
112.5	7.260454	22	0.550454
112.75	7.256036	22.25	0.546036
113	7.256626	22.5	0.546626
113.25	7.255539	22.75	0.545539
113.5	7.254015	23	0.544015
113.75	7.249694	23.25	0.539694
114	7.251456	23.5	0.541456
114.25	7.250135	23.75	0.540135
114.5	7.247685	24	0.537685
114.75	7.246828	24.25	0.536828
115	7.244075	24.5	0.534075
115.25	7.242929	24.75	0.532929
115.5	7.241992	25	0.531992
115.75	7.240992	25.25	0.530992
116	7.238583	25.5	0.528583
116.25	7.238248	25.75	0.528248
116.5	7.235954	26	0.525954
116.75	7.23451	26.25	0.52451
117	7.233219	26.5	0.523219
117.25	7.234584	26.75	0.524584
117.5	7.230612	27	0.520612
117.75	7.23033	27.25	0.52033
118	7.229528	27.5	0.519528
118.25	7.226291	27.75	0.516291
118.5	7.226362	28	0.516362
118.75	7.224275	28.25	0.514275
119	7.220738	28.5	0.510738
119.25	7.2211	28.75	0.5111
119.5	7.217304	29	0.507304
119.75	7.219373	29.25	0.509373
120	7.216342	29.5	0.506342
120.25	7.21493	29.75	0.50493
120.5	7.222037	30	0.512037
120.75	7.227643	30.25	0.517643
121	7.219972	30.5	0.509972
121.25	7.218237	30.75	0.508237
121.5	7.217932	31	0.507932
121.75	7.214198	31.25	0.504198
122	7.2126	31.5	0.5026
122.25	7.208367	31.75	0.498367

122.5	7.204249	32	0.494249
122.75	7.203611	32.25	0.493611
123	7.200863	32.5	0.490863
123.25	7.20051	32.75	0.49051
123.5	7.195525	33	0.485525
123.75	7.196674	33.25	0.486674
124	7.19719	33.5	0.48719
124.25	7.193666	33.75	0.483666
124.5	7.193223	34	0.483223
124.75	7.19013	34.25	0.48013
125	7.191483	34.5	0.481483
125.25	7.190201	34.75	0.480201
125.5	7.189109	35	0.479109
125.75	7.189271	35.25	0.479271
126	7.187686	35.5	0.477686
126.25	7.186153	35.75	0.476153
126.5	7.184154	36	0.474154
126.75	7.184581	36.25	0.474581
127	7.182282	36.5	0.472282
127.25	7.179552	36.75	0.469552
127.5	7.177306	37	0.467306
127.75	7.178091	37.25	0.468091
128	7.175218	37.5	0.465218
128.25	7.173545	37.75	0.463545
128.5	7.173545	38	0.463545
128.75	7.16918	38.25	0.45918
129	7.170162	38.5	0.460162
129.25	7.168881	38.75	0.458881
129.5	7.166569	39	0.456569
129.75	7.165781	39.25	0.455781
130	7.166066	39.5	0.456066
130.25	7.163319	39.75	0.453319
130.5	7.16346	40	0.45346
130.75	7.160945	40.25	0.450945
131	7.160443	40.5	0.450443
131.25	7.159148	40.75	0.449148
131.5	7.15799	41	0.44799
131.75	7.158298	41.25	0.448298
132	7.1544	41.5	0.4444
132.25	7.156277	41.75	0.446277
132.5	7.1544	42	0.4444
132.75	7.15108	42.25	0.44108
133	7.149789	42.5	0.439789
133.25	7.14927	42.75	0.43927
133.5	7.149789	43	0.439789
133.75	7.146033	43.25	0.436033
134	7.146178	43.5	0.436178

134.25	7.141726	43.75	0.431726
134.5	7.144302	44	0.434302
134.75	7.142708	44.25	0.432708
135	7.140198	44.5	0.430198
135.25	7.139339	44.75	0.429339
135.5	7.138256	45	0.428256
135.75	7.138691	45.25	0.428691
136	7.137525	45.5	0.427525
136.25	7.135159	45.75	0.425159
136.5	7.132773	46	0.422773
136.75	7.130989	46.25	0.420989
137	7.133869	46.5	0.423869
137.25	7.131777	46.75	0.421777
137.5	7.130051	47	0.420051
137.75	7.130483	47.25	0.420483
138	7.128184	47.5	0.418184
138.25	7.126382	47.75	0.416382
138.5	7.126091	48	0.416091
138.75	7.123263	48.25	0.413263
139	7.123263	48.5	0.413263
139.25	7.123415	48.75	0.413415
139.5	7.123185	49	0.413185
139.75	7.11937	49.25	0.40937
140	7.120115	49.5	0.410115
140.25	7.119847	49.75	0.409847
140.5	7.118384	50	0.408384
140.75	7.115412	50.25	0.405412
141	7.116491	50.5	0.406491
141.25	7.115464	50.75	0.405464
141.5	7.115258	51	0.405258
141.75	7.111744	51.25	0.401744
142	7.109806	51.5	0.399806
142.25	7.10966	51.75	0.39966
142.5	7.110162	52	0.400162
142.75	7.106863	52.25	0.396863
143	7.106863	52.5	0.396863
143.25	7.109929	52.75	0.399929
143.5	7.107872	53	0.397872
143.75	7.106604	53.25	0.396604
144	7.104737	53.5	0.394737
144.25	7.103861	53.75	0.393861
144.5	7.102989	54	0.392989
144.75	7.101465	54.25	0.391465
145	7.100389	54.5	0.390389
145.25	7.10046	54.75	0.39046
145.5	7.098364	55	0.388364
145.75	7.097373	55.25	0.387373

146	7.094356	55.5	0.384356
146.25	7.095282	55.75	0.385282
146.5	7.094696	56	0.384696
146.75	7.090662	56.25	0.380662
147	7.094145	56.5	0.384145
147.25	7.092695	56.75	0.382695
147.5	7.088376	57	0.378376
147.751	7.0896	57.251	0.3796
148	7.08982	57.5	0.37982
148.25	7.087707	57.75	0.377707
148.5	7.087208	58	0.377208
148.75	7.084755	58.25	0.374755
149	7.084117	58.5	0.374117
149.25	7.084316	58.75	0.374316
149.5	7.084316	59	0.374316
149.75	7.084117	59.25	0.374117
150	7.082919	59.5	0.372919
150.257	7.080502	59.757	0.370502
150.5	7.083174	60	0.373174
150.75	7.078347	60.25	0.368347
151	7.076969	60.5	0.366969
151.25	7.076771	60.75	0.366771
151.5	7.075322	61	0.365322
151.75	7.072517	61.25	0.362517
152	7.072367	61.5	0.362367
152.25	7.072081	61.75	0.362081
152.5	7.073014	62	0.363014
152.75	7.070548	62.25	0.360548
153	7.070768	62.5	0.360768
153.25	7.069843	62.75	0.359843
153.5	7.069112	63	0.359112
153.75	7.069213	63.25	0.359213
154	7.067818	63.5	0.357818
154.25	7.06673	63.75	0.35673
154.5	7.066967	64	0.356967
154.75	7.065294	64.25	0.355294
155	7.066338	64.5	0.356338
155.25	7.062375	64.75	0.352375
155.5	7.062726	65	0.352726
155.75	7.05978	65.25	0.34978
156	7.061128	65.5	0.351128
156.25	7.060644	65.75	0.350644
156.5	7.058063	66	0.348063
156.75	7.057971	66.25	0.347971
157	7.057825	66.5	0.347825
157.25	7.055892	66.75	0.345892
157.5	7.056032	67	0.346032

157.75	7.05532	67.25	0.34532
158	7.054949	67.5	0.344949
158.25	7.055182	67.75	0.345182
158.5	7.054157	68	0.344157
158.75	7.050408	68.25	0.340408
159	7.050488	68.5	0.340488
159.25	7.049682	68.75	0.339682
159.5	7.049475	69	0.339475
159.75	7.046295	69.25	0.336295
160	7.045512	69.5	0.335512
160.25	7.04696	69.75	0.33696
160.5	7.045146	70	0.335146
160.75	7.045217	70.25	0.335217
161	7.041411	70.5	0.331411
161.25	7.042345	70.75	0.332345
161.5	7.041988	71	0.331988
161.75	7.040095	71.25	0.330095
162	7.039892	71.5	0.329892
162.25	7.038733	71.75	0.328733
162.5	7.039733	72	0.329733
162.75	7.038813	72.25	0.328813
163	7.037285	72.5	0.327285
163.25	7.037585	72.75	0.327585
163.502	7.038535	73.002	0.328535
163.75	7.034831	73.25	0.324831
164	7.035907	73.5	0.325907
164.25	7.033321	73.75	0.323321
164.5	7.035206	74	0.325206
164.75	7.033123	74.25	0.323123
165	7.034422	74.5	0.324422
165.252	7.031185	74.752	0.321185
165.5	7.032255	75	0.322255
165.75	7.029648	75.25	0.319648
166	7.034484	75.5	0.324484
166.249	7.028869	75.749	0.318869
166.5	7.029173	76	0.319173
166.75	7.026772	76.25	0.316772
167	7.026641	76.5	0.316641
167.25	7.024989	76.75	0.314989
167.5	7.024989	77	0.314989
167.75	7.024399	77.25	0.314399
168	7.02398	77.5	0.31398
168.25	7.02209	77.75	0.31209
168.5	7.021518	78	0.311518
168.75	7.021223	78.25	0.311223
169	7.021597	78.5	0.311597
169.25	7.020664	78.75	0.310664

169.5	7.021316	79	0.311316
169.75	7.019286	79.25	0.309286
170	7.017194	79.5	0.307194
170.25	7.017268	79.75	0.307268
170.5	7.017713	80	0.307713
170.75	7.015397	80.25	0.305397
171	7.016131	80.5	0.306131
171.25	7.013155	80.75	0.303155
171.5	7.014966	81	0.304966
171.75	7.01264	81.25	0.30264
172	7.019131	81.5	0.309131
172.25	7.019862	81.75	0.309862
172.5	7.017124	82	0.307124
172.75	7.014746	82.25	0.304746
173	7.011636	82.5	0.301636
173.25	7.00913	82.75	0.29913
173.5	7.007544	83	0.297544
173.75	7.008033	83.25	0.298033
174	7.009847	83.5	0.299847
174.25	7.007007	83.75	0.297007
174.5	7.00466	84	0.29466
174.75	7.006523	84.25	0.296523
175	7.00355	84.5	0.29355
175.25	7.005946	84.75	0.295946
175.5	7.002136	85	0.292136
175.75	7.003664	85.25	0.293664
176	7.004946	85.5	0.294946
176.25	7.002929	85.75	0.292929
176.5	7.001617	86	0.291617
176.75	7.001915	86.25	0.291915
177	6.997733	86.5	0.287733
177.25	6.998164	86.75	0.288164
177.5	6.998767	87	0.288767
177.75	6.9986	87.25	0.2886
178	6.996288	87.5	0.286288
178.25	6.99542	87.75	0.28542
178.5	6.995857	88	0.285857
178.75	6.995297	88.25	0.285297
179	6.99571	88.5	0.28571
179.25	6.993332	88.75	0.283332
179.5	6.995068	89	0.285068
179.75	6.992254	89.25	0.282254
180	6.994341	89.5	0.284341
180.25	6.988933	89.75	0.278933
180.5	6.994856	90	0.284856
180.75	6.988431	90.25	0.278431
181	6.992553	90.5	0.282553

181.25	6.98851	90.75	0.27851
181.5	6.989069	91	0.279069
181.75	6.987929	91.25	0.277929
182	6.987506	91.5	0.277506
182.25	6.98671	91.75	0.27671
182.5	6.98671	92	0.27671
182.75	6.985419	92.25	0.275419
183	6.983247	92.5	0.273247
183.25	6.98311	92.75	0.27311
183.5	6.986124	93	0.276124
183.75	6.983393	93.25	0.273393
184	6.983441	93.5	0.273441
184.25	6.981667	93.75	0.271667
184.5	6.983758	94	0.273758
184.75	6.981081	94.25	0.271081
185	6.983393	94.5	0.273393
185.25	6.981231	94.75	0.271231
185.5	6.980874	95	0.270874
185.75	6.979284	95.25	0.269284
186	6.977756	95.5	0.267756
186.25	6.977324	95.75	0.267324
186.5	6.976196	96	0.266196
186.75	6.979429	96.25	0.269429
187	6.976677	96.5	0.266677
187.25	6.976967	96.75	0.266967
187.5	6.974294	97	0.264294
187.75	6.97495	97.25	0.26495
188	6.976254	97.5	0.266254
188.25	6.973003	97.75	0.263003
188.5	6.973925	98	0.263925
188.75	6.973154	98.25	0.263154
189	6.972224	98.5	0.262224
189.25	6.969697	98.75	0.259697
189.5	6.971559	99	0.261559
189.75	6.971436	99.25	0.261436
190	6.969463	99.5	0.259463
190.25	6.968032	99.75	0.258032
190.5	6.969692	100	0.259692
190.75	6.967882	100.25	0.257882
191	6.970418	100.5	0.260418
191.25	6.968384	100.75	0.258384
191.5	6.967604	101	0.257604
191.75	6.967006	101.25	0.257006
192	6.964566	101.5	0.254566
192.25	6.966741	101.75	0.256741
192.5	6.968401	102	0.258401
192.75	6.96682	102.25	0.25682

193	6.965147	102.5	0.255147
193.25	6.965363	102.75	0.255363
193.5	6.963773	103	0.253773
193.75	6.962985	103.25	0.252985
194	6.963773	103.5	0.253773
194.25	6.960888	103.75	0.250888
194.5	6.962602	104	0.252602
194.75	6.961809	104.25	0.251809
195	6.962263	104.5	0.252263
195.25	6.961201	104.75	0.251201
195.5	6.960959	105	0.250959
195.75	6.959593	105.25	0.249593
196	6.957863	105.5	0.247863
196.25	6.95814	105.75	0.24814
196.5	6.959734	106	0.249734
196.75	6.959955	106.25	0.249955
197	6.957361	106.5	0.247361
197.25	6.957647	106.75	0.247647
197.5	6.955832	107	0.245832
197.75	6.954251	107.25	0.244251
198	6.956859	107.5	0.246859
198.25	6.955832	107.75	0.245832
198.5	6.954599	108	0.244599
198.75	6.953243	108.25	0.243243
199	6.954317	108.5	0.244317
199.25	6.951371	108.75	0.241371
199.5	6.953454	109	0.243454
199.75	6.952442	109.25	0.242442
200	6.953825	109.5	0.243825
200.25	6.950944	109.75	0.240944
200.5	6.951587	110	0.241587
200.75	6.952217	110.25	0.242217
201	6.951961	110.5	0.241961
201.25	6.950786	110.75	0.240786
201.5	6.948985	111	0.238985
201.75	6.948394	111.25	0.238394
202	6.947752	111.5	0.237752
202.25	6.947752	111.75	0.237752
202.5	6.946827	112	0.236827
202.75	6.945757	112.25	0.235757
203	6.948262	112.5	0.238262
203.25	6.94595	112.75	0.23595
203.5	6.946827	113	0.236827
203.75	6.949565	113.25	0.239565
204	6.947694	113.5	0.237694
204.25	6.9485	113.75	0.2385
204.5	6.94798	114	0.23798

204.75	6.946175	114.25	0.236175
205	6.945096	114.5	0.235096
205.25	6.944593	114.75	0.234593
205.5	6.94329	115	0.23329
205.75	6.941287	115.25	0.231287
206	6.93911	115.5	0.22911
206.25	6.941709	115.75	0.231709
206.5	6.940349	116	0.230349
206.75	6.94207	116.25	0.23207
207	6.941128	116.5	0.231128
207.25	6.938397	116.75	0.228397
207.5	6.940903	117	0.230903
207.75	6.940048	117.25	0.230048
208	6.938758	117.5	0.228758
208.25	6.937878	117.75	0.227878
208.5	6.940048	118	0.230048
208.75	6.937455	118.25	0.227455
209	6.938678	118.5	0.228678
209.25	6.934984	118.75	0.224984
209.5	6.93601	119	0.22601
209.75	6.936592	119.25	0.226592
210	6.936869	119.5	0.226869
210.25	6.934772	119.75	0.224772
210.5	6.936648	120	0.226648
210.75	6.935138	120.25	0.225138
211	6.934557	120.5	0.224557
211.25	6.936068	120.75	0.226068
211.5	6.931743	121	0.221743
211.75	6.931113	121.25	0.221113
212	6.933478	121.5	0.223478
212.25	6.931685	121.75	0.221685
212.5	6.93383	122	0.22383
212.75	6.930149	122.25	0.220149
213	6.929585	122.5	0.219585
213.25	6.92921	122.75	0.21921
213.5	6.932037	123	0.222037
213.75	6.929801	123.25	0.219801
214	6.929303	123.5	0.219303
214.25	6.929069	123.75	0.219069
214.5	6.929303	124	0.219303
214.75	6.929585	124.25	0.219585
215	6.928127	124.5	0.218127
215.25	6.928871	124.75	0.218871
215.5	6.927929	125	0.217929
215.75	6.928347	125.25	0.218347
216	6.928215	125.5	0.218215
216.25	6.928215	125.75	0.218215

216.5	6.927849	126	0.217849
216.75	6.926691	126.25	0.216691
217	6.925674	126.5	0.215674
217.25	6.924454	126.75	0.214454
217.5	6.924749	127	0.214749
217.75	6.92511	127.25	0.21511
218	6.92459	127.5	0.21459
218.25	6.924894	127.75	0.214894
218.5	6.924824	128	0.214824
218.75	6.925326	128.25	0.215326
219	6.92149	128.5	0.21149
219.25	6.922137	128.75	0.212137
219.5	6.923446	129	0.213446
219.75	6.922666	129.25	0.212666
220	6.92042	129.5	0.21042
220.25	6.923446	129.75	0.213446
220.5	6.921138	130	0.211138
220.75	6.920657	130.25	0.210657
221	6.922239	130.5	0.212239
221.25	6.919631	130.75	0.209631
221.5	6.920786	131	0.210786
221.75	6.918905	131.25	0.208905
222	6.919768	131.5	0.209768
222.25	6.919768	131.75	0.209768
222.5	6.919116	132	0.209116
222.75	6.919631	132.25	0.209631
223	6.917531	132.5	0.207531
223.25	6.917531	132.75	0.207531
223.5	6.917025	133	0.207025
223.75	6.915936	133.25	0.205936
224	6.916593	133.5	0.206593
224.25	6.914069	133.75	0.204069
224.5	6.915659	134	0.205659
224.75	6.915003	134.25	0.205003
225	6.917113	134.5	0.207113
225.25	6.916677	134.75	0.206677
225.5	6.913638	135	0.203638
225.75	6.915804	135.25	0.205804
226	6.914206	135.5	0.204206
226.25	6.914717	135.75	0.204717
226.5	6.917469	136	0.207469
226.75	6.917249	136.25	0.207249
227	6.916981	136.5	0.206981
227.25	6.916303	136.75	0.206303
227.5	6.911982	137	0.201982
227.75	6.912493	137.25	0.202493
228	6.910181	137.5	0.200181

228.25	6.910604	137.75	0.200604
228.5	6.90786	138	0.19786
228.75	6.909881	138.25	0.199881
229	6.907357	138.5	0.197357
229.25	6.911255	138.75	0.201255
229.5	6.910542	139	0.200542
229.75	6.911308	139.25	0.201308
230	6.911048	139.5	0.201048
230.25	6.910675	139.75	0.200675
230.5	6.911048	140	0.201048
230.75	6.910449	140.25	0.200449
231	6.907216	140.5	0.197216
231.25	6.908432	140.75	0.198432
231.5	6.908934	141	0.198934
231.75	6.908067	141.25	0.198067
232	6.907736	141.5	0.197736
232.25	6.907221	141.75	0.197221
232.5	6.906921	142	0.196921
232.75	6.907221	142.25	0.197221
233	6.905556	142.5	0.195556
233.25	6.905129	142.75	0.195129
233.5	6.90793	143	0.19793
233.75	6.905045	143.25	0.195045
234	6.906573	143.5	0.196573
234.25	6.906635	143.75	0.196635
234.5	6.903751	144	0.193751
234.75	6.904261	144.25	0.194261
235	6.903971	144.5	0.193971
235.25	6.902394	144.75	0.192394
235.5	6.903751	145	0.193751
235.75	6.902813	145.25	0.192813
236	6.905257	145.5	0.195257
236.25	6.905319	145.75	0.195319
236.5	6.902077	146	0.192077
236.75	6.903676	146.25	0.193676
237	6.902743	146.5	0.192743
237.25	6.903971	146.75	0.193971
237.5	6.902976	147	0.192976
237.75	6.902734	147.25	0.192734
238	6.902077	147.5	0.192077
238.25	6.901575	147.75	0.191575
238.5	6.901932	148	0.191932
238.75	6.901804	148.25	0.191804
239	6.900637	148.5	0.190637
239.25	6.901932	148.75	0.191932
239.5	6.901721	149	0.191721
239.753	6.899941	149.253	0.189941

240	6.900927	149.5	0.190927
240.25	6.899267	149.75	0.189267
240.5	6.901721	150	0.191721
240.75	6.899267	150.25	0.189267
241	6.899853	150.5	0.189853
241.25	6.900774	150.75	0.190774
241.5	6.89847	151	0.18847
241.75	6.898611	151.25	0.188611
242	6.897827	151.5	0.187827
242.25	6.897911	151.75	0.187911
242.5	6.898611	152	0.188611
242.75	6.899558	152.25	0.189558
243	6.898986	152.5	0.188986
243.25	6.898695	152.75	0.188695
243.5	6.896299	153	0.186299
243.75	6.896752	153.25	0.186752
244	6.898611	153.5	0.188611
244.25	6.896299	153.75	0.186299
244.5	6.898251	154	0.188251
244.75	6.897383	154.25	0.187383
245	6.897748	154.5	0.187748
245.25	6.89847	154.75	0.18847
245.5	6.898611	155	0.188611
245.75	6.897259	155.25	0.187259
246	6.896814	155.5	0.186814
246.25	6.897039	155.75	0.187039
246.5	6.896894	156	0.186894
246.75	6.896176	156.25	0.186176
247	6.896176	156.5	0.186176
247.25	6.895741	156.75	0.185741
247.5	6.89659	157	0.18659
247.75	6.896894	157.25	0.186894
248	6.8971	157.5	0.1871
248.25	6.897982	157.75	0.187982
248.5	6.897259	158	0.187259
248.75	6.899708	158.25	0.189708
249	6.899189	158.5	0.189189
249.25	6.899478	158.75	0.189478
249.5	6.899642	159	0.189642
249.75	6.897748	159.25	0.187748
250	6.89127	159.5	0.18127
250.25	6.892846	159.75	0.182846
250.5	6.895234	160	0.185234
250.75	6.893415	160.25	0.183415
251	6.890543	160.5	0.180543
251.25	6.896374	160.75	0.186374
251.5	6.893198	161	0.183198

251.75	6.893934	161.25	0.183934
252	6.893569	161.5	0.183569
252.25	6.900056	161.75	0.190056
252.5	6.894938	162	0.184938
252.75	6.892217	162.25	0.182217
253	6.894581	162.5	0.184581
253.25	6.891411	162.75	0.181411
253.5	6.893934	163	0.183934
253.75	6.893859	163.25	0.183859
254	6.892273	163.5	0.182273
254.25	6.89326	163.75	0.18326
254.5	6.893198	164	0.183198
254.75	6.893057	164.25	0.183057
255	6.891108	164.5	0.181108
255.25	6.893859	164.75	0.183859
255.5	6.891679	165	0.181679
255.75	6.890975	165.25	0.180975
256	6.892344	165.5	0.182344
256.25	6.891534	165.75	0.181534
256.5	6.890231	166	0.180231
256.75	6.891485	166.25	0.181485
257	6.890028	166.5	0.180028
257.25	6.890886	166.75	0.180886
257.5	6.891485	167	0.181485
257.75	6.890671	167.25	0.180671
258	6.890107	167.5	0.180107
258.25	6.891108	167.75	0.181108
258.5	6.889812	168	0.179812
258.75	6.888434	168.25	0.178434
259	6.889161	168.5	0.179161
259.25	6.890886	168.75	0.180886
259.5	6.890389	169	0.180389
259.75	6.889103	169.25	0.179103
260	6.890107	169.5	0.180107
260.25	6.888668	169.75	0.178668
260.5	6.888668	170	0.178668
260.75	6.887711	170.25	0.177711
261	6.888385	170.5	0.178385
261.25	6.89046	170.75	0.18046
261.5	6.888729	171	0.178729
261.75	6.887148	171.25	0.177148
262	6.887491	171.5	0.177491
262.25	6.888011	171.75	0.178011
262.5	6.887359	172	0.177359
262.75	6.888385	172.25	0.178385
263	6.887077	172.5	0.177077
263.25	6.885989	172.75	0.175989

263.5	6.887491	173	0.177491
263.75	6.887659	173.25	0.177659
264	6.888668	173.5	0.178668
264.25	6.885545	173.75	0.175545
264.5	6.886417	174	0.176417
264.75	6.886562	174.25	0.176562
265	6.886724	174.5	0.176724
265.25	6.88425	174.75	0.17425
265.5	6.888385	175	0.178385
265.75	6.885703	175.25	0.175703
266	6.885989	175.5	0.175989
266.25	6.884201	175.75	0.174201
266.5	6.885703	176	0.175703
266.75	6.886364	176.25	0.176364
267	6.885703	176.5	0.175703
267.25	6.885906	176.75	0.175906
267.5	6.885703	177	0.175703
267.75	6.885192	177.25	0.175192
268	6.884628	177.5	0.174628
268.25	6.884694	177.75	0.174694
268.5	6.882171	178	0.172171
268.75	6.884761	178.25	0.174761
269	6.885108	178.5	0.175108
269.25	6.882955	178.75	0.172955
269.5	6.883558	179	0.173558
269.75	6.88425	179.25	0.17425
270	6.883409	179.5	0.173409
270.25	6.885686	179.75	0.175686
270.5	6.885615	180	0.175615
270.75	6.882669	180.25	0.172669
271	6.885412	180.5	0.175412
271.25	6.88344	180.75	0.17344
271.5	6.884752	181	0.174752
271.75	6.885615	181.25	0.175615
272	6.882078	181.5	0.172078
272.25	6.88576	181.75	0.17576
272.5	6.884325	182	0.174325
272.75	6.881211	182.25	0.171211
273	6.882506	182.5	0.172506
273.25	6.882228	182.75	0.172228
273.5	6.883519	183	0.173519
273.75	6.883642	183.25	0.173642
274	6.883809	183.5	0.173809
274.25	6.882717	183.75	0.172717
274.5	6.883809	184	0.173809
274.75	6.881576	184.25	0.171576
275	6.880044	184.5	0.170044

275.25	6.880502	184.75	0.170502
275.5	6.882444	185	0.172444
275.75	6.880859	185.25	0.170859
276	6.881718	185.5	0.171718
276.25	6.88092	185.75	0.17092
276.5	6.880868	186	0.170868
276.75	6.879973	186.25	0.169973
277	6.880559	186.5	0.170559
277.25	6.880704	186.75	0.170704
277.5	6.881858	187	0.171858
277.75	6.880625	187.25	0.170625
278	6.880137	187.5	0.170137
278.25	6.881647	187.75	0.171647
278.5	6.87926	188	0.16926
278.75	6.883012	188.25	0.173012
279	6.878819	188.5	0.168819
279.25	6.879546	188.75	0.169546
279.5	6.878383	189	0.168383
279.75	6.88034	189.25	0.17034
280	6.878608	189.5	0.168608
280.25	6.876657	189.75	0.166657
280.5	6.88092	190	0.17092
280.75	6.877886	190.25	0.167886
281	6.879203	190.5	0.169203
281.25	6.878181	190.75	0.168181
281.5	6.879203	191	0.169203
281.75	6.877384	191.25	0.167384
282	6.878982	191.5	0.168982
282.25	6.880559	191.75	0.170559
282.5	6.879405	192	0.169405
282.75	6.878608	192.25	0.168608
283	6.878697	192.5	0.168697
283.25	6.877886	192.75	0.167886
283.5	6.877974	193	0.167974
283.75	6.878608	193.25	0.168608
284	6.87934	193.5	0.16934
284.25	6.881647	193.75	0.171647
284.5	6.87853	194	0.16853
284.75	6.880859	194.25	0.170859
285	6.878819	194.5	0.168819
285.25	6.880278	194.75	0.170278
285.5	6.87926	195	0.16926
285.75	6.87934	195.25	0.16934
286	6.881281	195.5	0.171281
286.25	6.881793	195.75	0.171793
286.5	6.880401	196	0.170401
286.75	6.880982	196.25	0.170982

287	6.881202	196.5	0.171202
287.25	6.879203	196.75	0.169203
287.5	6.881647	197	0.171647
287.75	6.880625	197.25	0.170625
288	6.88115	197.5	0.17115
288.25	6.880859	197.75	0.170859
288.5	6.882796	198	0.172796
288.75	6.884325	198.25	0.174325
289	6.88344	198.5	0.17344
289.25	6.883567	198.75	0.173567
289.5	6.884439	199	0.174439
289.75	6.882717	199.25	0.172717
290	6.881758	199.5	0.171758
290.25	6.87867	199.75	0.16867
290.5	6.879454	200	0.169454
290.75	6.878939	200.25	0.168939
291	6.878806	200.5	0.168806
291.25	6.878264	200.75	0.168264
291.5	6.87786	201	0.16786
291.75	6.87767	201.25	0.16767
292	6.878309	201.5	0.168309
292.25	6.878155	201.75	0.168155
292.5	6.878939	202	0.168939
292.75	6.876336	202.25	0.166336
293	6.877384	202.5	0.167384
293.25	6.876005	202.75	0.166005
293.5	6.878436	203	0.168436
293.75	6.876631	203.25	0.166631
294	6.877714	203.5	0.167714
294.25	6.877502	203.75	0.167502
294.5	6.877811	204	0.167811
294.75	6.877296	204.25	0.167296
295	6.876525	204.5	0.166525
295.25	6.874988	204.75	0.164988
295.5	6.876209	205	0.166209
295.75	6.876209	205.25	0.166209
296	6.875257	205.5	0.165257
296.25	6.875851	205.75	0.165851
296.5	6.876794	206	0.166794
296.75	6.873975	206.25	0.163975
297	6.876494	206.5	0.166494
297.25	6.876287	206.75	0.166287
297.5	6.875491	207	0.165491
297.75	6.874183	207.25	0.164183
298	6.874323	207.5	0.164323
298.25	6.874257	207.75	0.164257
298.5	6.874125	208	0.164125

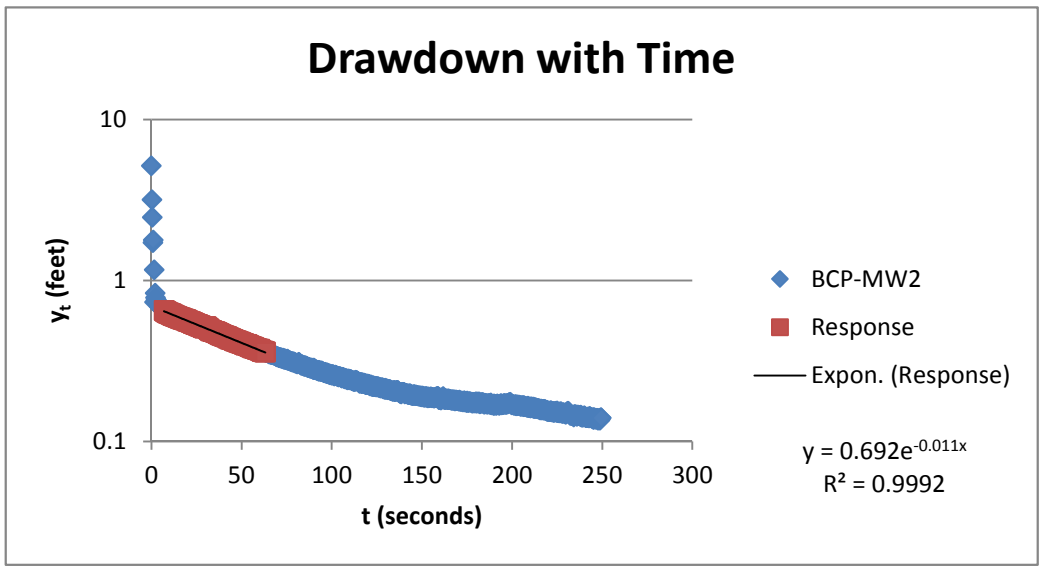
298.75	6.873337	208.25	0.163337
299	6.872672	208.5	0.162672
299.25	6.875195	208.75	0.165195
299.5	6.872672	209	0.162672
299.75	6.873614	209.25	0.163614
300	6.872011	209.5	0.162011
300.25	6.871584	209.75	0.161584
300.5	6.873029	210	0.163029
300.75	6.871297	210.25	0.161297
301	6.873689	210.5	0.163689
301.25	6.872381	210.75	0.162381
301.5	6.871584	211	0.161584
301.75	6.871958	211.25	0.161958
302	6.873104	211.5	0.163104
302.252	6.870513	211.752	0.160513
302.5	6.87298	212	0.16298
302.75	6.870434	212.25	0.160434
303	6.871655	212.5	0.161655
303.25	6.869624	212.75	0.159624
303.5	6.871958	213	0.161958
303.75	6.871095	213.25	0.161095
304	6.870434	213.5	0.160434
304.25	6.87028	213.75	0.16028
304.5	6.870144	214	0.160144
304.75	6.869924	214.25	0.159924
305	6.868986	214.5	0.158986
305.25	6.86884	214.75	0.15884
305.5	6.869562	215	0.159562
305.75	6.868048	215.25	0.158048
306	6.866824	215.5	0.156824
306.25	6.867916	215.75	0.157916
306.5	6.86884	216	0.15884
306.75	6.866541	216.25	0.156541
307	6.867916	216.5	0.157916
307.25	6.866616	216.75	0.156616
307.5	6.867616	217	0.157616
307.75	6.867035	217.25	0.157035
308	6.868339	217.5	0.158339
308.25	6.866026	217.75	0.156026
308.5	6.866885	218	0.156885
308.75	6.867766	218.25	0.157766
309	6.866026	218.5	0.156026
309.25	6.86618	218.75	0.15618
309.5	6.865736	219	0.155736
309.75	6.864083	219.25	0.154083
310	6.866026	219.5	0.156026
310.25	6.863357	219.75	0.153357

310.5	6.864441	220	0.154441
310.75	6.864083	220.25	0.154083
311	6.863811	220.5	0.153811
311.25	6.86278	220.75	0.15278
311.5	6.86422	221	0.15422
311.75	6.863423	221.25	0.153423
312	6.865449	221.5	0.155449
312.25	6.862935	221.75	0.152935
312.5	6.86271	222	0.15271
312.75	6.862199	222.25	0.152199
313	6.86278	222.5	0.15278
313.25	6.862935	222.75	0.152935
313.5	6.86135	223	0.15135
313.75	6.863221	223.25	0.153221
314	6.86182	223.5	0.15182
314.25	6.862481	223.75	0.152481
314.5	6.863644	224	0.153644
314.75	6.862362	224.25	0.152362
315	6.862996	224.5	0.152996
315.25	6.861195	224.75	0.151195
315.5	6.864432	225	0.154432
315.75	6.860768	225.25	0.150768
316	6.860693	225.5	0.150693
316.25	6.861833	225.75	0.151833
316.5	6.860252	226	0.150252
316.75	6.862247	226.25	0.152247
317	6.860106	226.5	0.150106
317.25	6.86061	226.75	0.15061
317.5	6.862824	227	0.152824
317.75	6.860481	227.25	0.150481
318	6.860252	227.5	0.150252
318.25	6.859711	227.75	0.149711
318.5	6.859182	228	0.149182
318.75	6.860592	228.25	0.150592
319	6.860645	228.5	0.150645
319.25	6.860076	228.75	0.150076
319.5	6.858851	229	0.148851
319.75	6.859455	229.25	0.149455
320	6.857698	229.5	0.147698
320.25	6.858574	229.75	0.148574
320.5	6.857725	230	0.147725
320.75	6.861477	230.25	0.151477
321	6.86182	230.5	0.15182
321.25	6.864115	230.75	0.154115
321.5	6.86135	231	0.15135
321.75	6.864115	231.25	0.154115
322	6.861596	231.5	0.151596

322.25	6.858851	231.75	0.148851
322.5	6.856985	232	0.146985
322.75	6.85517	232.25	0.14517
323	6.855391	232.5	0.145391
323.25	6.855977	232.75	0.145977
323.5	6.855632	233	0.145632
323.75	6.854378	233.25	0.144378
324	6.854523	233.5	0.144523
324.25	6.854747	233.75	0.144747
324.5	6.855465	234	0.145465
324.75	6.851925	234.25	0.141925
325	6.854523	234.5	0.144523
325.25	6.857068	234.75	0.147068
325.5	6.854875	235	0.144875
325.75	6.856034	235.25	0.146034
326	6.854817	235.5	0.144817
326.25	6.855632	235.75	0.145632
326.5	6.853008	236	0.143008
326.75	6.855823	236.25	0.145823
327	6.854242	236.5	0.144242
327.25	6.855823	236.75	0.145823
327.5	6.854875	237	0.144875
327.75	6.854378	237.25	0.144378
328	6.853744	237.5	0.143744
328.25	6.853373	237.75	0.143373
328.5	6.855536	238	0.145536
328.75	6.852282	238.25	0.142282
329	6.851925	238.5	0.141925
329.25	6.853426	238.75	0.143426
329.5	6.851277	239	0.141277
329.75	6.852	239.25	0.142
330	6.852	239.5	0.142
330.25	6.851559	239.75	0.141559
330.5	6.854307	240	0.144307
330.75	6.852377	240.25	0.142377
331	6.852377	240.5	0.142377
331.25	6.851198	240.75	0.141198
331.5	6.850406	241	0.140406
331.75	6.851057	241.25	0.141057
332	6.850841	241.5	0.140841
332.25	6.850048	241.75	0.140048
332.5	6.851352	242	0.141352
332.75	6.851198	242.25	0.141198
333	6.851559	242.5	0.141559
333.25	6.849815	242.75	0.139815
333.5	6.852651	243	0.142651
333.75	6.851352	243.25	0.141352

334	6.851057	243.5	0.141057
334.25	6.850775	243.75	0.140775
334.5	6.849713	244	0.139713
334.75	6.849608	244.25	0.139608
335	6.848155	244.5	0.138155
335.25	6.849713	244.75	0.139713
335.501	6.850406	245.001	0.140406
335.749	6.846578	245.249	0.136578
336	6.850564	245.5	0.140564
336.25	6.849247	245.75	0.139247
336.5	6.848974	246	0.138974
336.75	6.848824	246.25	0.138824
337	6.847243	246.5	0.137243
337.25	6.847093	246.75	0.137093
337.5	6.848824	247	0.138824
337.75	6.848115	247.25	0.138115
338	6.849045	247.5	0.139045
338.25	6.845569	247.75	0.135569
338.5	6.846736	248	0.136736
338.75	6.847811	248.25	0.137811
339	6.848869	248.5	0.138869
339.25	6.845209	248.75	0.135209
339.5	6.848327	249	0.138327
339.75	6.850255	249.25	0.140255
340	6.849533	249.5	0.139533

BCP MW2 **Bouwer and Rice Slug-Test Method**



r_s = 1 inches =	0.083333	feet	
n_g =	0.3		
r_w = 3.8 inches =	0.316667	feet	
r_c =	0.186934	feet	
L = 17.9 ft. bgs[1] - 11.64 ft. BTOC[2] + 0.26 ft.[3]	6.52	feet	
H =	6.52	feet	
D = 45 ft. bgs - 11.64 ft. BTOC + 0.26	33.62	feet	

K =	5.61E-05	ft/sec	
K =	4.845363	ft/day	
K =	**4.8**	**ft/day**	

$\ln[(D-H)/r_w]$ =			4.449439
L/r_w =			20.58947
A =	2	$\ln(R_e/r_w)$ =	1.902477
B =	0.3		
slope =	0.011	/sec	

[1] = Refer to well construction

[2] = Static water level before slug test

[3] = Elevation of ground surface minus elevation of top of casing

BCP MW3 Data

Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)*
6/26/2013 14:03	0	3.414946	16.459991	7.885003
6/26/2013 14:03	0.252	3.415133	16.476807	7.885436
6/26/2013 14:03	0.731	3.414907	16.472931	7.884915
6/26/2013 14:03	0.951	3.415226	16.480164	7.885651
6/26/2013 14:03	1.172	3.414392	16.488312	7.883727
6/26/2013 14:03	1.494	3.414881	16.483002	7.884854
6/26/2013 14:03	1.717	3.413698	16.487366	7.882124
6/26/2013 14:03	1.936	3.414392	16.491669	7.883727
6/26/2013 14:03	2.156	3.413488	16.491211	7.881639
6/26/2013 14:03	2.375	3.413698	16.492615	7.882124
6/26/2013 14:03	2.595	3.413826	16.493103	7.882419
6/26/2013 14:03	2.815	3.414095	16.490692	7.88304
6/26/2013 14:03	3.035	3.413971	16.486877	7.882753
6/26/2013 14:03	3.254	3.412733	16.485413	7.879895
6/26/2013 14:03	3.501	3.413321	16.480164	7.881251
6/26/2013 14:03	3.751	3.413424	16.478729	7.881489
6/26/2013 14:03	4.001	3.414068	16.472473	7.882978
6/26/2013 14:03	4.251	3.41329	16.467194	7.88118
6/26/2013 14:03	4.501	3.413857	16.463837	7.882489
6/26/2013 14:03	4.751	3.41357	16.459076	7.881828
6/26/2013 14:03	5.001	3.413231	16.456665	7.881044
6/26/2013 14:03	5.251	3.413731	16.452789	7.882199
6/26/2013 14:03	5.501	3.413946	16.44754	7.882696
6/26/2013 14:03	5.751	3.413355	16.446106	7.88133
6/26/2013 14:03	6.001	3.41329	16.439362	7.88118
6/26/2013 14:03	6.251	3.412819	16.436981	7.880093
6/26/2013 14:03	6.501	3.413355	16.43457	7.88133
6/26/2013 14:03	6.751	3.41316	16.430756	7.880882
6/26/2013 14:03	7.001	3.413473	16.4245	7.881604
6/26/2013 14:03	7.251	3.414253	16.421112	7.883405
6/26/2013 14:03	7.501	3.412601	16.416809	7.879591
6/26/2013 14:03	7.751	3.41357	16.410583	7.881828
6/26/2013 14:03	8.001	3.412794	16.408661	7.880036
6/26/2013 14:03	8.251	3.412943	16.407745	7.880379
6/26/2013 14:03	8.501	3.412159	16.402924	7.87857
6/26/2013 14:03	8.751	3.412413	16.400482	7.879155
6/26/2013 14:03	9.001	3.413755	16.394775	7.882256
6/26/2013 14:03	9.251	3.413101	16.389984	7.880745
6/26/2013 14:03	9.501	3.413731	16.387085	7.882199
6/26/2013 14:03	9.751	3.412504	16.383728	7.879366

6/26/2013 14:03	10.001	3.41247	16.37558	7.879287
6/26/2013 14:03	10.251	3.413473	16.37558	7.881604
6/26/2013 14:03	10.501	3.41263	16.369324	7.879657
6/26/2013 14:03	10.751	3.413198	16.367401	7.880969
6/26/2013 14:03	11.001	3.413198	16.364075	7.880969
6/26/2013 14:03	11.251	3.413101	16.360199	7.880745
6/26/2013 14:03	11.501	3.41288	16.354462	7.880234
6/26/2013 14:03	11.751	3.414007	16.348236	7.882836
6/26/2013 14:03	11.996	3.414253	16.347748	7.883405
6/26/2013 14:03	12.251	3.414165	16.345856	7.883203
6/26/2013 14:04	12.501	3.41666	16.338165	7.888963
6/26/2013 14:04	12.751	3.423155	16.335297	7.903958
6/26/2013 14:04	13.001	3.416567	16.334808	7.888747
6/26/2013 14:04	13.251	3.415791	16.328064	7.886955
6/26/2013 14:04	13.501	3.419027	16.325684	7.894428
6/26/2013 14:04	13.751	3.417246	16.32135	7.890315
6/26/2013 14:04	14.001	3.416126	16.318481	7.88773
6/26/2013 14:04	14.251	3.416687	16.314667	7.889024
6/26/2013 14:04	14.501	3.417408	16.309845	7.89069
6/26/2013 14:04	14.751	3.415529	16.308411	7.886351
6/26/2013 14:04	15.001	3.424957	16.303619	7.908121
6/26/2013 14:04	15.251	3.423113	16.298859	7.903862
6/26/2013 14:04	15.501	3.419565	16.291168	7.89567
6/26/2013 14:04	15.751	3.446775	16.288788	7.958498
6/26/2013 14:04	16.001	3.728615	16.287811	8.609256
6/26/2013 14:04	16.251	3.43104	16.283936	7.922164
6/26/2013 14:04	16.501	3.769062	16.279175	8.702648
6/26/2013 14:04	16.751	4.265577	16.273865	9.849086
6/26/2013 14:04	17.001	4.673273	16.269104	10.790443
6/26/2013 14:04	17.251	4.297066	16.270538	9.921792
6/26/2013 14:04	17.501	4.108707	16.263824	9.486878
6/26/2013 14:04	17.751	4.397516	16.259521	10.153728
6/26/2013 14:04	18.001	4.096813	16.257111	9.459414
6/26/2013 14:04	18.251	4.244486	16.2547	9.800386
6/26/2013 14:04	18.501	4.31813	16.250885	9.970429
6/26/2013 14:04	18.751	2.978004	16.244171	6.876119
6/26/2013 14:04	19.001	3.690071	16.243683	8.52026
6/26/2013 14:04	19.251	3.841528	16.238892	8.869968
6/26/2013 14:04	19.501	3.778204	16.236511	8.723756
6/26/2013 14:04	19.751	3.775583	16.232178	8.717705
6/26/2013 14:04	20.001	3.766539	16.228821	8.69682
6/26/2013 14:04	20.251	3.756458	16.225494	8.673545
6/26/2013 14:04	20.501	3.749432	16.22113	8.657322
6/26/2013 14:04	20.751	3.743088	16.216339	8.642673
6/26/2013 14:04	21.001	3.737476	16.216339	8.629717
6/26/2013 14:04	21.251	3.731209	16.21347	8.615246

6/26/2013 14:04	21.501	3.724247	16.204865	8.599171
6/26/2013 14:04	21.751	3.71825	16.201477	8.585325
6/26/2013 14:04	22.001	3.713636	16.200989	8.574671
6/26/2013 14:04	22.251	3.707829	16.19812	8.561261
6/26/2013 14:04	22.501	3.703957	16.196716	8.55232
6/26/2013 14:04	22.751	3.698687	16.192352	8.540153
6/26/2013 14:04	23.001	3.695066	16.185181	8.531794
6/26/2013 14:04	23.251	3.686108	16.181793	8.511108
6/26/2013 14:04	23.501	3.735922	16.180389	8.626128
6/26/2013 14:04	23.751	3.696896	16.174622	8.536018
6/26/2013 14:04	24.001	3.700619	16.172729	8.544614
6/26/2013 14:04	24.251	3.672373	16.165527	8.479395
6/26/2013 14:04	24.501	3.700029	16.170349	8.543254
6/26/2013 14:04	24.751	3.67943	16.163574	8.49569
6/26/2013 14:04	25.001	3.68355	16.161713	8.505202
6/26/2013 14:04	25.251	3.66123	16.158813	8.453667
6/26/2013 14:04	25.501	3.656366	16.148743	8.442436
6/26/2013 14:04	25.751	3.640507	16.147766	8.405817
6/26/2013 14:04	26.001	3.636131	16.143005	8.395714
6/26/2013 14:04	26.251	3.632145	16.142517	8.38651
6/26/2013 14:04	26.501	3.62874	16.137726	8.378649
6/26/2013 14:04	26.751	3.622446	16.135834	8.364116
6/26/2013 14:04	27.001	3.61875	16.133423	8.355581
6/26/2013 14:04	27.251	3.613846	16.12619	8.344257
6/26/2013 14:04	27.501	3.610203	16.121887	8.335847
6/26/2013 14:04	27.751	3.605461	16.122375	8.324899
6/26/2013 14:04	28.001	3.599936	16.11853	8.31214
6/26/2013 14:04	28.251	3.59622	16.111359	8.30356
6/26/2013 14:04	28.501	3.592009	16.111359	8.293837
6/26/2013 14:04	28.751	3.588322	16.109924	8.285323
6/26/2013 14:04	29.001	3.584703	16.10318	8.276969
6/26/2013 14:04	29.251	3.580706	16.1008	8.267738
6/26/2013 14:04	29.501	3.577272	16.097443	8.25981
6/26/2013 14:04	29.751	3.573744	16.09314	8.251664
6/26/2013 14:04	30.001	3.570688	16.090759	8.244608
6/26/2013 14:04	30.251	3.568287	16.087372	8.239064
6/26/2013 14:04	30.501	3.565222	16.084015	8.231987
6/26/2013 14:04	30.751	3.560856	16.079224	8.221907
6/26/2013 14:04	31.001	3.558884	16.073486	8.217352
6/26/2013 14:04	31.251	3.555738	16.074951	8.21009
6/26/2013 14:04	31.501	3.553486	16.070587	8.204888
6/26/2013 14:04	31.751	3.551342	16.068207	8.199939
6/26/2013 14:04	32.001	3.549183	16.063904	8.194953
6/26/2013 14:04	32.251	3.545443	16.059113	8.186317
6/26/2013 14:04	32.501	3.544247	16.054321	8.183556
6/26/2013 14:04	32.751	3.541948	16.050995	8.178248
6/26/2013 14:04	33.001	3.539946	16.048584	8.173625

6/26/2013 14:04	33.251	3.539349	16.048096	8.172246
6/26/2013 14:04	33.501	3.536444	16.040924	8.165539
6/26/2013 14:04	33.751	3.534483	16.038971	8.161012
6/26/2013 14:04	34.001	3.532711	16.038483	8.15692
6/26/2013 14:04	34.251	3.530832	16.032776	8.152582
6/26/2013 14:04	34.501	3.53042	16.030334	8.15163
6/26/2013 14:04	34.751	3.528927	16.025574	8.148183
6/26/2013 14:04	35.001	3.52865	16.023651	8.147544
6/26/2013 14:04	35.251	3.528522	16.020752	8.147249
6/26/2013 14:04	35.501	3.523901	16.015503	8.136579
6/26/2013 14:04	35.751	3.520283	16.013092	8.128223
6/26/2013 14:04	36.001	3.518969	16.009735	8.12519
6/26/2013 14:04	36.251	3.518936	16.005432	8.125114
6/26/2013 14:04	36.501	3.516699	16.002563	8.119948
6/26/2013 14:04	36.751	3.516317	15.997284	8.119067
6/26/2013 14:04	37.01	3.51457	15.994904	8.115033
6/26/2013 14:04	37.251	3.513607	15.993958	8.112809
6/26/2013 14:04	37.501	3.512764	15.991058	8.110864
6/26/2013 14:04	37.751	3.511795	15.988647	8.108626
6/26/2013 14:04	38.001	3.510725	15.98291	8.106155
6/26/2013 14:04	38.251	3.509392	15.981476	8.103077
6/26/2013 14:04	38.501	3.508112	15.975739	8.100121
6/26/2013 14:04	38.751	3.506607	15.973816	8.096647
6/26/2013 14:04	39.001	3.506428	15.970459	8.096232
6/26/2013 14:04	39.251	3.506399	15.96759	8.096167
6/26/2013 14:04	39.501	3.505209	15.960876	8.093419
6/26/2013 14:04	39.751	3.502888	15.960419	8.088059
6/26/2013 14:04	40.001	3.502422	15.95752	8.086985
6/26/2013 14:04	40.251	3.502119	15.955109	8.086285
6/26/2013 14:04	40.501	3.500076	15.949371	8.081568
6/26/2013 14:04	40.751	3.500551	15.943634	8.082664
6/26/2013 14:04	41.001	3.4995	15.946045	8.080238
6/26/2013 14:04	41.251	3.497675	15.939758	8.076023
6/26/2013 14:04	41.501	3.496767	15.937897	8.073927
6/26/2013 14:04	41.751	3.496437	15.935974	8.073165
6/26/2013 14:04	42.001	3.495808	15.932098	8.071712
6/26/2013 14:04	42.251	3.496029	15.927826	8.072223
6/26/2013 14:04	42.501	3.494158	15.925415	8.067902
6/26/2013 14:04	42.751	3.493841	15.921112	8.067171
6/26/2013 14:04	43.001	3.493372	15.916779	8.066088
6/26/2013 14:04	43.251	3.493563	15.914886	8.066527
6/26/2013 14:04	43.501	3.491848	15.911041	8.062569
6/26/2013 14:04	43.751	3.490721	15.905792	8.059966
6/26/2013 14:04	44.001	3.48979	15.902893	8.057817
6/26/2013 14:04	44.251	3.489975	15.899994	8.058245
6/26/2013 14:04	44.501	3.489826	15.896667	8.0579
6/26/2013 14:04	44.751	3.487377	15.893768	8.052246

6/26/2013 14:04	45.001	3.487511	15.891907	8.052554
6/26/2013 14:04	45.251	3.48744	15.886597	8.052391
6/26/2013 14:04	45.501	3.486292	15.887085	8.049741
6/26/2013 14:04	45.751	3.486534	15.880859	8.0503
6/26/2013 14:04	46.001	3.48539	15.877991	8.047656
6/26/2013 14:04	46.251	3.484936	15.87561	8.046609
6/26/2013 14:04	46.501	3.483473	15.872223	8.043232
6/26/2013 14:04	46.751	3.483637	15.870331	8.04361
6/26/2013 14:04	47.001	3.483019	15.863586	8.042183
6/26/2013 14:04	47.251	3.482504	15.861694	8.040994
6/26/2013 14:04	47.501	3.481884	15.858826	8.039562
6/26/2013 14:04	47.751	3.481112	15.855469	8.037779
6/26/2013 14:04	48.001	3.480787	15.852112	8.03703
6/26/2013 14:04	48.251	3.481701	15.849701	8.039139
6/26/2013 14:04	48.501	3.478794	15.846375	8.032429
6/26/2013 14:04	48.751	3.479546	15.842529	8.034163
6/26/2013 14:04	49.001	3.479057	15.839661	8.033035
6/26/2013 14:04	49.251	3.478228	15.83728	8.031119
6/26/2013 14:04	49.501	3.480915	15.831543	8.037325
6/26/2013 14:04	49.751	3.477516	15.82962	8.029477
6/26/2013 14:04	50.001	3.477047	15.825745	8.028394
6/26/2013 14:04	50.251	3.47718	15.823883	8.028702
6/26/2013 14:04	50.501	3.475677	15.819519	8.025232
6/26/2013 14:04	50.751	3.475571	15.817139	8.024984
6/26/2013 14:04	51.001	3.474461	15.812347	8.022422
6/26/2013 14:04	51.251	3.474897	15.810913	8.023431
6/26/2013 14:04	51.501	3.475021	15.805634	8.023717
6/26/2013 14:04	51.751	3.473642	15.803711	8.020534
6/26/2013 14:04	52.001	3.473812	15.800385	8.020925
6/26/2013 14:04	52.251	3.472744	15.797974	8.018458
6/26/2013 14:04	52.501	3.472586	15.795593	8.018093
6/26/2013 14:04	52.751	3.472586	15.792236	8.018093
6/26/2013 14:04	53.001	3.472115	15.785553	8.017005
6/26/2013 14:04	53.251	3.472057	15.782654	8.016873
6/26/2013 14:04	53.501	3.47196	15.781677	8.016649
6/26/2013 14:04	53.751	3.471405	15.777405	8.015367
6/26/2013 14:04	54.001	3.469933	15.774994	8.011968
6/26/2013 14:04	54.251	3.46965	15.771667	8.011315
6/26/2013 14:04	54.501	3.469528	15.76828	8.011032
6/26/2013 14:04	54.751	3.469469	15.76828	8.010897
6/26/2013 14:04	55.001	3.469398	15.764008	8.010734
6/26/2013 14:04	55.251	3.468346	15.760132	8.008303
6/26/2013 14:04	55.501	3.46809	15.755859	8.007712
6/26/2013 14:04	55.751	3.467848	15.75296	8.007153
6/26/2013 14:04	56.001	3.46772	15.749634	8.006858
6/26/2013 14:04	56.251	3.468029	15.747223	8.007572
6/26/2013 14:04	56.501	3.467813	15.742432	8.007073

6/26/2013 14:04	56.751	3.467405	15.741974	8.006131
6/26/2013 14:04	57.001	3.467022	15.736237	8.005246
6/26/2013 14:04	57.251	3.466093	15.733826	8.003101
6/26/2013 14:04	57.501	3.465845	15.731415	8.002528
6/26/2013 14:04	57.751	3.467093	15.725677	8.005409
6/26/2013 14:04	58.001	3.465099	15.725189	8.000807
6/26/2013 14:04	58.251	3.464537	15.721863	7.999508
6/26/2013 14:04	58.501	3.465721	15.71994	8.002243
6/26/2013 14:04	58.751	3.465403	15.715149	8.001507
6/26/2013 14:04	59.001	3.46525	15.713715	8.001156
6/26/2013 14:04	59.251	3.464342	15.710327	7.999058
6/26/2013 14:04	59.501	3.46385	15.70459	7.997922
6/26/2013 14:04	59.751	3.462938	15.703644	7.995818
6/26/2013 14:04	60.001	3.463728	15.699341	7.99764
6/26/2013 14:04	60.251	3.46356	15.700317	7.997253
6/26/2013 14:04	60.501	3.464342	15.692627	7.999058
6/26/2013 14:04	60.751	3.463034	15.693604	7.996037
6/26/2013 14:04	61.001	3.46319	15.687347	7.996399
6/26/2013 14:04	61.251	3.462784	15.681152	7.99546
6/26/2013 14:04	61.501	3.462784	15.683044	7.99546
6/26/2013 14:04	61.751	3.462194	15.67923	7.9941
6/26/2013 14:04	62.001	3.462128	15.676331	7.993946
6/26/2013 14:04	62.251	3.460661	15.673462	7.990559
6/26/2013 14:04	62.501	3.462442	15.670593	7.994672
6/26/2013 14:04	62.751	3.461004	15.668671	7.991351
6/26/2013 14:04	63.001	3.461351	15.664398	7.992153
6/26/2013 14:04	63.251	3.460972	15.659149	7.991277
6/26/2013 14:04	63.501	3.460541	15.65625	7.990281
6/26/2013 14:04	63.751	3.460724	15.655762	7.990704
6/26/2013 14:04	64.001	3.460882	15.651947	7.99107
6/26/2013 14:04	64.251	3.460472	15.650024	7.990123
6/26/2013 14:04	64.501	3.459921	15.649048	7.98885
6/26/2013 14:04	64.751	3.460508	15.645264	7.990207
6/26/2013 14:04	65.001	3.459822	15.64093	7.988621
6/26/2013 14:04	65.251	3.459948	15.640411	7.988912
6/26/2013 14:04	65.501	3.460009	15.633301	7.989052
6/26/2013 14:04	65.751	3.459105	15.633301	7.986965
6/26/2013 14:04	66.001	3.458666	15.633301	7.985952
6/26/2013 14:04	66.251	3.458508	15.626556	7.985587
6/26/2013 14:04	66.501	3.458639	15.624664	7.98589
6/26/2013 14:04	66.751	3.459139	15.621765	7.987044
6/26/2013 14:04	67.001	3.458757	15.618408	7.986165
6/26/2013 14:04	67.251	3.457924	15.617004	7.98424
6/26/2013 14:04	67.501	3.458605	15.614594	7.985812
6/26/2013 14:04	67.751	3.457298	15.609802	7.982795
6/26/2013 14:04	68.001	3.457607	15.610291	7.983508
6/26/2013 14:04	68.251	3.457924	15.604065	7.98424

6/26/2013 14:04	68.501	3.456766	15.604553	7.981566
6/26/2013 14:04	68.751	3.456514	15.601654	7.980985
6/26/2013 14:04	69.001	3.457144	15.598297	7.982438
6/26/2013 14:04	69.251	3.456766	15.592102	7.981566
6/26/2013 14:04	69.501	3.457079	15.591644	7.982288
6/26/2013 14:04	69.751	3.455175	15.590179	7.977893
6/26/2013 14:04	70.001	3.456388	15.586792	7.980694
6/26/2013 14:04	70.251	3.455917	15.58252	7.979606
6/26/2013 14:04	70.501	3.45673	15.579681	7.981483
6/26/2013 14:04	70.751	3.455263	15.578674	7.978095
6/26/2013 14:04	71.001	3.455637	15.575806	7.978959
6/26/2013 14:04	71.251	3.45545	15.572479	7.978528
6/26/2013 14:04	71.501	3.455393	15.571045	7.978395
6/26/2013 14:04	71.751	3.455235	15.571045	7.978029
6/26/2013 14:04	72.001	3.455175	15.564331	7.977893
6/26/2013 14:04	72.251	3.453604	15.563873	7.974264
6/26/2013 14:05	72.501	3.455338	15.558594	7.978267
6/26/2013 14:05	72.751	3.454292	15.560028	7.975853
6/26/2013 14:05	73.001	3.454798	15.556671	7.977021
6/26/2013 14:05	73.251	3.454832	15.552368	7.9771
6/26/2013 14:05	73.501	3.454336	15.546143	7.975955
6/26/2013 14:05	73.751	3.453733	15.546143	7.974564
6/26/2013 14:05	74.001	3.453266	15.543762	7.973484
6/26/2013 14:05	74.251	3.453604	15.543762	7.974264
6/26/2013 14:05	74.501	3.454487	15.540405	7.976303
6/26/2013 14:05	74.751	3.456453	15.538483	7.980844
6/26/2013 14:05	75.001	3.453022	15.532745	7.972921
6/26/2013 14:05	75.251	3.453831	15.531769	7.974788
6/26/2013 14:05	75.501	3.453428	15.531311	7.973859
6/26/2013 14:05	75.751	3.453245	15.527008	7.973436
6/26/2013 14:05	76.001	3.453896	15.524139	7.974938
6/26/2013 14:05	76.251	3.451492	15.521271	7.969389
6/26/2013 14:05	76.501	3.452114	15.518402	7.970824
6/26/2013 14:05	76.751	3.451336	15.51358	7.969028
6/26/2013 14:05	77.001	3.452578	15.514069	7.971894
6/26/2013 14:05	77.251	3.45262	15.51358	7.971992
6/26/2013 14:05	77.501	3.452925	15.507385	7.972696
6/26/2013 14:05	77.751	3.452335	15.505463	7.971336
6/26/2013 14:05	78.001	3.451365	15.501648	7.969094
6/26/2013 14:05	78.251	3.451584	15.501648	7.9696
6/26/2013 14:05	78.501	3.452152	15.496826	7.970913
6/26/2013 14:05	78.751	3.451429	15.496826	7.969244
6/26/2013 14:05	79.001	3.449995	15.493988	7.965931
6/26/2013 14:05	79.251	3.451555	15.492554	7.969534
6/26/2013 14:05	79.501	3.450806	15.486328	7.967803
6/26/2013 14:05	79.751	3.451151	15.486816	7.968601
6/26/2013 14:05	80.001	3.451555	15.484406	7.969534

6/26/2013 14:05	80.251	3.45118	15.480591	7.968666
6/26/2013 14:05	80.501	3.451269	15.478668	7.968873
6/26/2013 14:05	80.751	3.450493	15.4758	7.967081
6/26/2013 14:05	81.001	3.450775	15.475311	7.967733
6/26/2013 14:05	81.251	3.451019	15.474365	7.968297
6/26/2013 14:05	81.501	3.450493	15.47052	7.967081
6/26/2013 14:05	81.751	3.449995	15.466705	7.965931
6/26/2013 14:05	82.001	3.450871	15.467194	7.967953
6/26/2013 14:05	82.251	3.451336	15.463348	7.969028
6/26/2013 14:05	82.501	3.450367	15.46048	7.966791
6/26/2013 14:05	82.751	3.451429	15.453308	7.969244
6/26/2013 14:05	83.001	3.450367	15.456146	7.966791
6/26/2013 14:05	83.251	3.449865	15.453796	7.965632
6/26/2013 14:05	83.501	3.450521	15.449463	7.967147
6/26/2013 14:05	83.751	3.449741	15.447571	7.965346
6/26/2013 14:05	84.001	3.448212	15.446106	7.961813
6/26/2013 14:05	84.251	3.448679	15.444702	7.962893
6/26/2013 14:05	84.501	3.449305	15.442749	7.964337
6/26/2013 14:05	84.751	3.449532	15.440857	7.964861
6/26/2013 14:05	85.001	3.449215	15.435608	7.96413
6/26/2013 14:05	85.251	3.44943	15.43512	7.964628
6/26/2013 14:05	85.501	3.448492	15.430359	7.962461
6/26/2013 14:05	85.751	3.449398	15.430817	7.964553
6/26/2013 14:05	86.001	3.448212	15.429382	7.961813
6/26/2013 14:05	86.251	3.448584	15.42746	7.962673
6/26/2013 14:05	86.501	3.448933	15.423645	7.963479
6/26/2013 14:05	86.751	3.448811	15.421722	7.963196
6/26/2013 14:05	87.001	3.448771	15.421234	7.963104
6/26/2013 14:05	87.251	3.448492	15.416931	7.962461
6/26/2013 14:05	87.501	3.448679	15.414032	7.962893
6/26/2013 14:05	87.751	3.448092	15.409271	7.961536
6/26/2013 14:05	88.001	3.447933	15.410248	7.961171
6/26/2013 14:05	88.251	3.448212	15.407349	7.961813
6/26/2013 14:05	88.501	3.447123	15.405457	7.959299
6/26/2013 14:05	88.751	3.448303	15.401611	7.962025
6/26/2013 14:05	89.001	3.448212	15.403046	7.961813
6/26/2013 14:05	89.251	3.447561	15.39682	7.960312
6/26/2013 14:05	89.501	3.447901	15.39444	7.961097
6/26/2013 14:05	89.751	3.44803	15.390137	7.961396
6/26/2013 14:05	90.001	3.44771	15.39444	7.960656
6/26/2013 14:05	90.251	3.446966	15.391083	7.958938
6/26/2013 14:05	90.501	3.44734	15.387268	7.959802
6/26/2013 14:05	90.751	3.446558	15.385834	7.957996
6/26/2013 14:05	91.001	3.446402	15.381042	7.957635
6/26/2013 14:05	91.251	3.447184	15.378662	7.95944
6/26/2013 14:05	91.501	3.446531	15.37915	7.957933
6/26/2013 14:05	91.751	3.446621	15.374359	7.958141

6/26/2013 14:05	92.001	3.447123	15.374359	7.959299
6/26/2013 14:05	92.251	3.446621	15.372925	7.958141
6/26/2013 14:05	92.501	3.446245	15.370056	7.957273
6/26/2013 14:05	92.751	3.447062	15.366699	7.959158
6/26/2013 14:05	93.001	3.448839	15.365723	7.963263
6/26/2013 14:05	93.251	3.447062	15.364777	7.959158
6/26/2013 14:05	93.501	3.445372	15.361938	7.955256
6/26/2013 14:05	93.751	3.446308	15.359497	7.957419
6/26/2013 14:05	94.001	3.445313	15.356201	7.95512
6/26/2013 14:05	94.251	3.447027	15.35376	7.959079
6/26/2013 14:05	94.501	3.445812	15.355225	7.956274
6/26/2013 14:05	94.751	3.445251	15.349945	7.954979
6/26/2013 14:05	95.001	3.445438	15.348022	7.95541
6/26/2013 14:05	95.251	3.445503	15.34613	7.95556
6/26/2013 14:05	95.501	3.446121	15.34613	7.956987
6/26/2013 14:05	95.751	3.445372	15.341339	7.955256
6/26/2013 14:05	96.001	3.444098	15.338959	7.952314
6/26/2013 14:05	96.251	3.446056	15.340851	7.956838
6/26/2013 14:05	96.501	3.444874	15.335114	7.954107
6/26/2013 14:05	96.751	3.445898	15.331299	7.956472
6/26/2013 14:05	97.001	3.445124	15.333649	7.954683
6/26/2013 14:05	97.251	3.444967	15.330811	7.954323
6/26/2013 14:05	97.501	3.445963	15.329865	7.956622
6/26/2013 14:05	97.751	3.445124	15.327911	7.954683
6/26/2013 14:05	98.001	3.444658	15.322662	7.953609
6/26/2013 14:05	98.251	3.445282	15.322662	7.95505
6/26/2013 14:05	98.501	3.444715	15.317413	7.953742
6/26/2013 14:05	98.751	3.443403	15.317413	7.950711
6/26/2013 14:05	99.001	3.444098	15.316925	7.952314
6/26/2013 14:05	99.251	3.444407	15.315033	7.953027
6/26/2013 14:05	99.501	3.444473	15.312164	7.953182
6/26/2013 14:05	99.751	3.443811	15.311676	7.951653
6/26/2013 14:05	100.001	3.444494	15.307861	7.95323
6/26/2013 14:05	100.251	3.444252	15.30545	7.952672
6/26/2013 14:05	100.501	3.44375	15.302124	7.951512
6/26/2013 14:05	100.751	3.445124	15.304016	7.954683
6/26/2013 14:05	101.001	3.443779	15.30069	7.951579
6/26/2013 14:05	101.251	3.443874	15.300201	7.951799
6/26/2013 14:05	101.501	3.443502	15.297333	7.950941
6/26/2013 14:05	101.751	3.44416	15.297333	7.95246
6/26/2013 14:05	102.001	3.443811	15.292542	7.951653
6/26/2013 14:05	102.251	3.444002	15.291595	7.952094
6/26/2013 14:05	102.501	3.444252	15.290619	7.952672
6/26/2013 14:05	102.753	3.44397	15.288727	7.952019
6/26/2013 14:05	103.026	3.444599	15.283966	7.953473
6/26/2013 14:05	103.25	3.443874	15.284912	7.951799
6/26/2013 14:05	103.501	3.443348	15.283966	7.950584

6/26/2013 14:05	103.751	3.443779	15.277252	7.951579
6/26/2013 14:05	104.001	3.443558	15.279144	7.951068
6/26/2013 14:05	104.251	3.442625	15.27533	7.948915
6/26/2013 14:05	104.501	3.443348	15.270538	7.950584
6/26/2013 14:05	104.751	3.443779	15.271027	7.951579
6/26/2013 14:05	105.001	3.442781	15.268127	7.949275
6/26/2013 14:05	105.248	3.44413	15.268616	7.952389
6/26/2013 14:05	105.503	3.444967	15.269104	7.954323
6/26/2013 14:05	105.769	3.443403	15.261444	7.950711
6/26/2013 14:05	106.001	3.443371	15.263367	7.950636
6/26/2013 14:05	106.251	3.442781	15.262878	7.949275
6/26/2013 14:05	106.501	3.443129	15.259552	7.950077
6/26/2013 14:05	106.751	3.443371	15.257629	7.950636
6/26/2013 14:05	107.001	3.44272	15.255707	7.949134
6/26/2013 14:05	107.251	3.444002	15.254303	7.952094
6/26/2013 14:05	107.501	3.446308	15.253326	7.957419
6/26/2013 14:05	107.751	3.443651	15.254303	7.951284
6/26/2013 14:05	108.001	3.44241	15.249481	7.948416
6/26/2013 14:05	108.251	3.44397	15.248566	7.952019
6/26/2013 14:05	108.501	3.443285	15.247589	7.950438
6/26/2013 14:05	108.751	3.443348	15.245178	7.950584
6/26/2013 14:05	109.001	3.443251	15.24234	7.950359

*** Depth recorded by sensor does not represent depth to groundwater from top of well casing.**

BCP MW3 **Bouwer and Rice Slug-Test Method**

Static water level = 7.88 feet (measured by transducer)
Maximum depth of water in well = 10.79 feet, occurs at 17.001 seconds

y_0 = Maximum depth - Static water level

y_0 = 2.91 feet

Elapsed Time	Depth	t	y_t
Seconds	Feet	Seconds	Feet
17.001	10.79044	0	2.910443
17.251	9.921792	0.25	2.041792
17.501	9.486878	0.5	1.606878
17.751	10.15373	0.75	2.273728
18.001	9.459414	1	1.579414
18.251	9.800386	1.25	1.920386
18.501	9.970429	1.5	2.090429
18.751	6.876119	1.75	-1.00388
19.001	8.52026	2	0.64026
19.251	8.869968	2.25	0.989968
19.501	8.723756	2.5	0.843756
19.751	8.717705	2.75	0.837705
20.001	8.69682	3	0.81682
20.251	8.673545	3.25	0.793545
20.501	8.657322	3.5	0.777322
20.751	8.642673	3.75	0.762673
21.001	8.629717	4	0.749717
21.251	8.615246	4.25	0.735246
21.501	8.599171	4.5	0.719171
21.751	8.585325	4.75	0.705325
22.001	8.574671	5	0.694671
22.251	8.561261	5.25	0.681261
22.501	8.55232	5.5	0.67232
22.751	8.540153	5.75	0.660153
23.001	8.531794	6	0.651794
23.251	8.511108	6.25	0.631108
23.501	8.626128	6.5	0.746128
23.751	8.536018	6.75	0.656018
24.001	8.544614	7	0.664614
24.251	8.479395	7.25	0.599395
24.501	8.543254	7.5	0.663254
24.751	8.49569	7.75	0.61569
25.001	8.505202	8	0.625202
25.251	8.453667	8.25	0.573667

25.501	8.442436	8.5	0.562436
25.751	8.405817	8.75	0.525817
26.001	8.395714	9	0.515714
26.251	8.38651	9.25	0.50651
26.501	8.378649	9.5	0.498649
26.751	8.364116	9.75	0.484116
27.001	8.355581	10	0.475581
27.251	8.344257	10.25	0.464257
27.501	8.335847	10.5	0.455847
27.751	8.324899	10.75	0.444899
28.001	8.31214	11	0.43214
28.251	8.30356	11.25	0.42356
28.501	8.293837	11.5	0.413837
28.751	8.285323	11.75	0.405323
29.001	8.276969	12	0.396969
29.251	8.267738	12.25	0.387738
29.501	8.25981	12.5	0.37981
29.751	8.251664	12.75	0.371664
30.001	8.244608	13	0.364608
30.251	8.239064	13.25	0.359064
30.501	8.231987	13.5	0.351987
30.751	8.221907	13.75	0.341907
31.001	8.217352	14	0.337352
31.251	8.21009	14.25	0.33009
31.501	8.204888	14.5	0.324888
31.751	8.199939	14.75	0.319939
32.001	8.194953	15	0.314953
32.251	8.186317	15.25	0.306317
32.501	8.183556	15.5	0.303556
32.751	8.178248	15.75	0.298248
33.001	8.173625	16	0.293625
33.251	8.172246	16.25	0.292246
33.501	8.165539	16.5	0.285539
33.751	8.161012	16.75	0.281012
34.001	8.15692	17	0.27692
34.251	8.152582	17.25	0.272582
34.501	8.15163	17.5	0.27163
34.751	8.148183	17.75	0.268183
35.001	8.147544	18	0.267544
35.251	8.147249	18.25	0.267249
35.501	8.136579	18.5	0.256579
35.751	8.128223	18.75	0.248223
36.001	8.12519	19	0.24519
36.251	8.125114	19.25	0.245114
36.501	8.119948	19.5	0.239948
36.751	8.119067	19.75	0.239067

37.01	8.115033	20.009	0.235033
37.251	8.112809	20.25	0.232809
37.501	8.110864	20.5	0.230864
37.751	8.108626	20.75	0.228626
38.001	8.106155	21	0.226155
38.251	8.103077	21.25	0.223077
38.501	8.100121	21.5	0.220121
38.751	8.096647	21.75	0.216647
39.001	8.096232	22	0.216232
39.251	8.096167	22.25	0.216167
39.501	8.093419	22.5	0.213419
39.751	8.088059	22.75	0.208059
40.001	8.086985	23	0.206985
40.251	8.086285	23.25	0.206285
40.501	8.081568	23.5	0.201568
40.751	8.082664	23.75	0.202664
41.001	8.080238	24	0.200238
41.251	8.076023	24.25	0.196023
41.501	8.073927	24.5	0.193927
41.751	8.073165	24.75	0.193165
42.001	8.071712	25	0.191712
42.251	8.072223	25.25	0.192223
42.501	8.067902	25.5	0.187902
42.751	8.067171	25.75	0.187171
43.001	8.066088	26	0.186088
43.251	8.066527	26.25	0.186527
43.501	8.062569	26.5	0.182569
43.751	8.059966	26.75	0.179966
44.001	8.057817	27	0.177817
44.251	8.058245	27.25	0.178245
44.501	8.0579	27.5	0.1779
44.751	8.052246	27.75	0.172246
45.001	8.052554	28	0.172554
45.251	8.052391	28.25	0.172391
45.501	8.049741	28.5	0.169741
45.751	8.0503	28.75	0.1703
46.001	8.047656	29	0.167656
46.251	8.046609	29.25	0.166609
46.501	8.043232	29.5	0.163232
46.751	8.04361	29.75	0.16361
47.001	8.042183	30	0.162183
47.251	8.040994	30.25	0.160994
47.501	8.039562	30.5	0.159562
47.751	8.037779	30.75	0.157779
48.001	8.03703	31	0.15703
48.251	8.039139	31.25	0.159139
48.501	8.032429	31.5	0.152429

48.751	8.034163	31.75	0.154163
49.001	8.033035	32	0.153035
49.251	8.031119	32.25	0.151119
49.501	8.037325	32.5	0.157325
49.751	8.029477	32.75	0.149477
50.001	8.028394	33	0.148394
50.251	8.028702	33.25	0.148702
50.501	8.025232	33.5	0.145232
50.751	8.024984	33.75	0.144984
51.001	8.022422	34	0.142422
51.251	8.023431	34.25	0.143431
51.501	8.023717	34.5	0.143717
51.751	8.020534	34.75	0.140534
52.001	8.020925	35	0.140925
52.251	8.018458	35.25	0.138458
52.501	8.018093	35.5	0.138093
52.751	8.018093	35.75	0.138093
53.001	8.017005	36	0.137005
53.251	8.016873	36.25	0.136873
53.501	8.016649	36.5	0.136649
53.751	8.015367	36.75	0.135367
54.001	8.011968	37	0.131968
54.251	8.011315	37.25	0.131315
54.501	8.011032	37.5	0.131032
54.751	8.010897	37.75	0.130897
55.001	8.010734	38	0.130734
55.251	8.008303	38.25	0.128303
55.501	8.007712	38.5	0.127712
55.751	8.007153	38.75	0.127153
56.001	8.006858	39	0.126858
56.251	8.007572	39.25	0.127572
56.501	8.007073	39.5	0.127073
56.751	8.006131	39.75	0.126131
57.001	8.005246	40	0.125246
57.251	8.003101	40.25	0.123101
57.501	8.002528	40.5	0.122528
57.751	8.005409	40.75	0.125409
58.001	8.000807	41	0.120807
58.251	7.999508	41.25	0.119508
58.501	8.002243	41.5	0.122243
58.751	8.001507	41.75	0.121507
59.001	8.001156	42	0.121156
59.251	7.999058	42.25	0.119058
59.501	7.997922	42.5	0.117922
59.751	7.995818	42.75	0.115818
60.001	7.99764	43	0.11764
60.251	7.997253	43.25	0.117253

60.501	7.999058	43.5	0.119058
60.751	7.996037	43.75	0.116037
61.001	7.996399	44	0.116399
61.251	7.99546	44.25	0.11546
61.501	7.99546	44.5	0.11546
61.751	7.9941	44.75	0.1141
62.001	7.993946	45	0.113946
62.251	7.990559	45.25	0.110559
62.501	7.994672	45.5	0.114672
62.751	7.991351	45.75	0.111351
63.001	7.992153	46	0.112153
63.251	7.991277	46.25	0.111277
63.501	7.990281	46.5	0.110281
63.751	7.990704	46.75	0.110704
64.001	7.99107	47	0.11107
64.251	7.990123	47.25	0.110123
64.501	7.98885	47.5	0.10885
64.751	7.990207	47.75	0.110207
65.001	7.988621	48	0.108621
65.251	7.988912	48.25	0.108912
65.501	7.989052	48.5	0.109052
65.751	7.986965	48.75	0.106965
66.001	7.985952	49	0.105952
66.251	7.985587	49.25	0.105587
66.501	7.98589	49.5	0.10589
66.751	7.987044	49.75	0.107044
67.001	7.986165	50	0.106165
67.251	7.98424	50.25	0.10424
67.501	7.985812	50.5	0.105812
67.751	7.982795	50.75	0.102795
68.001	7.983508	51	0.103508
68.251	7.98424	51.25	0.10424
68.501	7.981566	51.5	0.101566
68.751	7.980985	51.75	0.100985
69.001	7.982438	52	0.102438
69.251	7.981566	52.25	0.101566
69.501	7.982288	52.5	0.102288
69.751	7.977893	52.75	0.097893
70.001	7.980694	53	0.100694
70.251	7.979606	53.25	0.099606
70.501	7.981483	53.5	0.101483
70.751	7.978095	53.75	0.098095
71.001	7.978959	54	0.098959
71.251	7.978528	54.25	0.098528
71.501	7.978395	54.5	0.098395
71.751	7.978029	54.75	0.098029
72.001	7.977893	55	0.097893

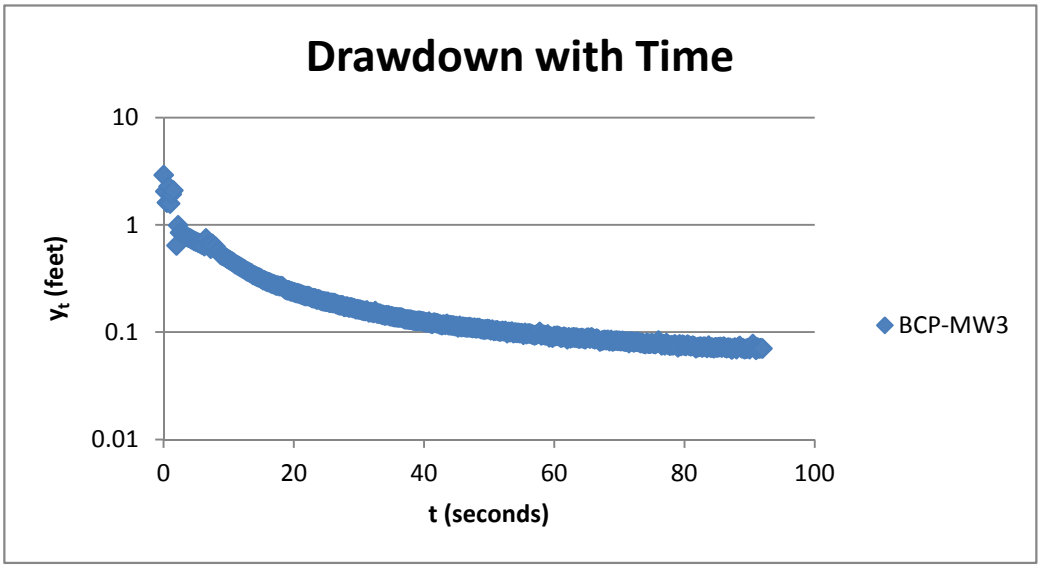
72.251	7.974264	55.25	0.094264
72.501	7.978267	55.5	0.098267
72.751	7.975853	55.75	0.095853
73.001	7.977021	56	0.097021
73.251	7.9771	56.25	0.0971
73.501	7.975955	56.5	0.095955
73.751	7.974564	56.75	0.094564
74.001	7.973484	57	0.093484
74.251	7.974264	57.25	0.094264
74.501	7.976303	57.5	0.096303
74.751	7.980844	57.75	0.100844
75.001	7.972921	58	0.092921
75.251	7.974788	58.25	0.094788
75.501	7.973859	58.5	0.093859
75.751	7.973436	58.75	0.093436
76.001	7.974938	59	0.094938
76.251	7.969389	59.25	0.089389
76.501	7.970824	59.5	0.090824
76.751	7.969028	59.75	0.089028
77.001	7.971894	60	0.091894
77.251	7.971992	60.25	0.091992
77.501	7.972696	60.5	0.092696
77.751	7.971336	60.75	0.091336
78.001	7.969094	61	0.089094
78.251	7.9696	61.25	0.0896
78.501	7.970913	61.5	0.090913
78.751	7.969244	61.75	0.089244
79.001	7.965931	62	0.085931
79.251	7.969534	62.25	0.089534
79.501	7.967803	62.5	0.087803
79.751	7.968601	62.75	0.088601
80.001	7.969534	63	0.089534
80.251	7.968666	63.25	0.088666
80.501	7.968873	63.5	0.088873
80.751	7.967081	63.75	0.087081
81.001	7.967733	64	0.087733
81.251	7.968297	64.25	0.088297
81.501	7.967081	64.5	0.087081
81.751	7.965931	64.75	0.085931
82.001	7.967953	65	0.087953
82.251	7.969028	65.25	0.089028
82.501	7.966791	65.5	0.086791
82.751	7.969244	65.75	0.089244
83.001	7.966791	66	0.086791
83.251	7.965632	66.25	0.085632
83.501	7.967147	66.5	0.087147
83.751	7.965346	66.75	0.085346

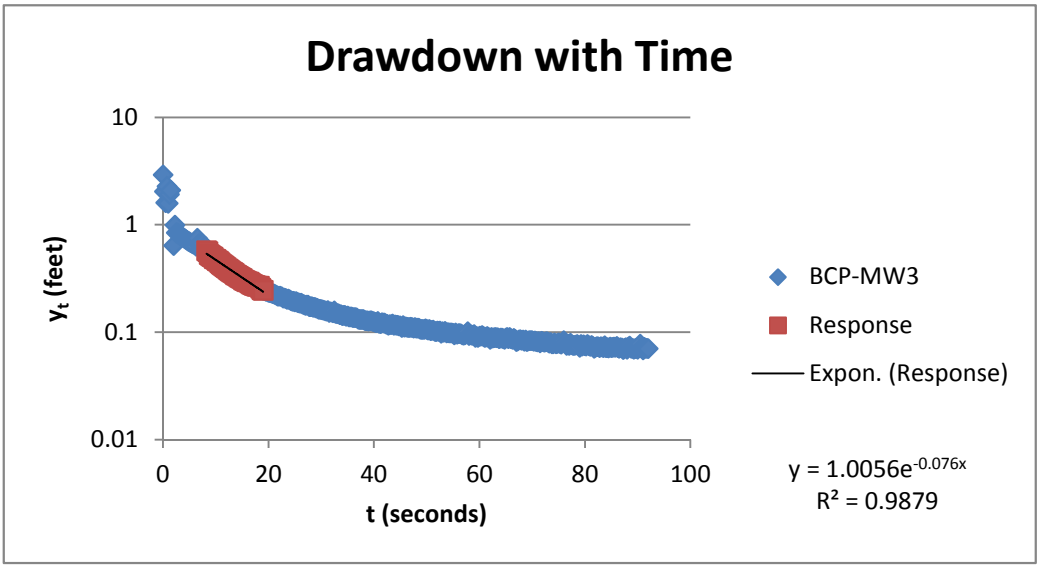
84.001	7.961813	67	0.081813
84.251	7.962893	67.25	0.082893
84.501	7.964337	67.5	0.084337
84.751	7.964861	67.75	0.084861
85.001	7.96413	68	0.08413
85.251	7.964628	68.25	0.084628
85.501	7.962461	68.5	0.082461
85.751	7.964553	68.75	0.084553
86.001	7.961813	69	0.081813
86.251	7.962673	69.25	0.082673
86.501	7.963479	69.5	0.083479
86.751	7.963196	69.75	0.083196
87.001	7.963104	70	0.083104
87.251	7.962461	70.25	0.082461
87.501	7.962893	70.5	0.082893
87.751	7.961536	70.75	0.081536
88.001	7.961171	71	0.081171
88.251	7.961813	71.25	0.081813
88.501	7.959299	71.5	0.079299
88.751	7.962025	71.75	0.082025
89.001	7.961813	72	0.081813
89.251	7.960312	72.25	0.080312
89.501	7.961097	72.5	0.081097
89.751	7.961396	72.75	0.081396
90.001	7.960656	73	0.080656
90.251	7.958938	73.25	0.078938
90.501	7.959802	73.5	0.079802
90.751	7.957996	73.75	0.077996
91.001	7.957635	74	0.077635
91.251	7.95944	74.25	0.07944
91.501	7.957933	74.5	0.077933
91.751	7.958141	74.75	0.078141
92.001	7.959299	75	0.079299
92.251	7.958141	75.25	0.078141
92.501	7.957273	75.5	0.077273
92.751	7.959158	75.75	0.079158
93.001	7.963263	76	0.083263
93.251	7.959158	76.25	0.079158
93.501	7.955256	76.5	0.075256
93.751	7.957419	76.75	0.077419
94.001	7.95512	77	0.07512
94.251	7.959079	77.25	0.079079
94.501	7.956274	77.5	0.076274
94.751	7.954979	77.75	0.074979
95.001	7.95541	78	0.07541
95.251	7.95556	78.25	0.07556
95.501	7.956987	78.5	0.076987

95.751	7.955256	78.75	0.075256
96.001	7.952314	79	0.072314
96.251	7.956838	79.25	0.076838
96.501	7.954107	79.5	0.074107
96.751	7.956472	79.75	0.076472
97.001	7.954683	80	0.074683
97.251	7.954323	80.25	0.074323
97.501	7.956622	80.5	0.076622
97.751	7.954683	80.75	0.074683
98.001	7.953609	81	0.073609
98.251	7.95505	81.25	0.07505
98.501	7.953742	81.5	0.073742
98.751	7.950711	81.75	0.070711
99.001	7.952314	82	0.072314
99.251	7.953027	82.25	0.073027
99.501	7.953182	82.5	0.073182
99.751	7.951653	82.75	0.071653
100.001	7.95323	83	0.07323
100.251	7.952672	83.25	0.072672
100.501	7.951512	83.5	0.071512
100.751	7.954683	83.75	0.074683
101.001	7.951579	84	0.071579
101.251	7.951799	84.25	0.071799
101.501	7.950941	84.5	0.070941
101.751	7.95246	84.75	0.07246
102.001	7.951653	85	0.071653
102.251	7.952094	85.25	0.072094
102.501	7.952672	85.5	0.072672
102.753	7.952019	85.752	0.072019
103.026	7.953473	86.025	0.073473
103.25	7.951799	86.249	0.071799
103.501	7.950584	86.5	0.070584
103.751	7.951579	86.75	0.071579
104.001	7.951068	87	0.071068
104.251	7.948915	87.25	0.068915
104.501	7.950584	87.5	0.070584
104.751	7.951579	87.75	0.071579
105.001	7.949275	88	0.069275
105.248	7.952389	88.247	0.072389
105.503	7.954323	88.502	0.074323
105.769	7.950711	88.768	0.070711
106.001	7.950636	89	0.070636
106.251	7.949275	89.25	0.069275
106.501	7.950077	89.5	0.070077
106.751	7.950636	89.75	0.070636
107.001	7.949134	90	0.069134
107.251	7.952094	90.25	0.072094

107.501	7.957419	90.5	0.077419
107.751	7.951284	90.75	0.071284
108.001	7.948416	91	0.068416
108.251	7.952019	91.25	0.072019
108.501	7.950438	91.5	0.070438
108.751	7.950584	91.75	0.070584
109.001	7.950359	92	0.070359

BCP MW3 **Bouwer and Rice Slug-Test Method**





r_s = 1 inches =	0.083333	feet	
n_g =	0.3		
r_w = 3.8 inches =	0.316667	feet	
r_c =	0.186934	feet	
L = 17.9 ft. bgs[1] - 10.30 ft. BTOC[2] + 0.20 ft.[3]	7.8	feet	
H =	7.8	feet	
D = 45 ft. bgs - 10.30 ft. bgs + 0.20 ft.	34.9	feet	

K =	0.000331	ft/sec	
K =	28.57022	ft/day	
K =	**29**	**ft/day**	

$\ln[(D-H)/r_w]$ =			4.449439
L/r_w =			24.63158
A =	2	$\ln(R_e/r_w)$ =	1.942373
B =	0.5		
slope =	0.076 /sec		

[1] = Refer to well construction

[2] = Static water level before slug test

[3] = Elevation of ground surface minus elevation of top of casing

BCP MW4 Data

Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)*
6/26/2013 14:14	0	3.595154	24.691101	8.301098
6/26/2013 14:14	0.251	3.594229	24.688629	8.298963
6/26/2013 14:14	0.73	3.595049	24.65625	8.300857
6/26/2013 14:14	0.95	3.595129	24.655304	8.301042
6/26/2013 14:14	1.172	3.593433	24.651337	8.297126
6/26/2013 14:14	1.541	3.595142	24.618469	8.301072
6/26/2013 14:14	1.761	3.592436	24.60965	8.294823
6/26/2013 14:14	1.985	3.593851	24.604736	8.298091
6/26/2013 14:14	2.204	3.593742	24.590027	8.297839
6/26/2013 14:14	2.424	3.593742	24.580719	8.297839
6/26/2013 14:14	2.643	3.593355	24.565979	8.296946
6/26/2013 14:14	2.862	3.593946	24.553223	8.298311
6/26/2013 14:14	3.081	3.593586	24.538971	8.297479
6/26/2013 14:14	3.3	3.59207	24.52475	8.293978
6/26/2013 14:14	3.519	3.593634	24.509033	8.297589
6/26/2013 14:14	3.751	3.59164	24.495331	8.292987
6/26/2013 14:14	4.001	3.593836	24.473236	8.298056
6/26/2013 14:14	4.251	3.591908	24.455597	8.293603
6/26/2013 14:14	4.501	3.593008	24.434509	8.296144
6/26/2013 14:14	4.751	3.592461	24.419312	8.294881
6/26/2013 14:14	5.001	3.592632	24.398712	8.295277
6/26/2013 14:14	5.251	3.593067	24.382019	8.296281
6/26/2013 14:14	5.501	3.592607	24.363892	8.29522
6/26/2013 14:14	5.751	3.592262	24.346741	8.294423
6/26/2013 14:14	6.001	3.592257	24.325653	8.29441
6/26/2013 14:14	6.251	3.591841	24.307983	8.293449
6/26/2013 14:14	6.501	3.59189	24.288879	8.293564
6/26/2013 14:14	6.751	3.592958	24.273682	8.29603
6/26/2013 14:14	7.001	3.593254	24.255524	8.296712
6/26/2013 14:14	7.251	3.591625	24.238373	8.292952
6/26/2013 14:14	7.501	3.591036	24.219757	8.291591
6/26/2013 14:14	7.751	3.592512	24.204559	8.294998
6/26/2013 14:14	8.001	3.591396	24.182983	8.292422
6/26/2013 14:14	8.251	3.591303	24.164368	8.292207
6/26/2013 14:14	8.501	3.591618	24.147217	8.292933
6/26/2013 14:14	8.751	3.591337	24.129089	8.292287
6/26/2013 14:14	9.001	3.595337	24.110992	8.301521
6/26/2013 14:14	9.251	3.592743	24.094788	8.295532
6/26/2013 14:14	9.501	3.59123	24.077148	8.29204
6/26/2013 14:14	9.751	3.592169	24.060028	8.294207

6/26/2013 14:14	10.001	3.591522	24.042358	8.292713
6/26/2013 14:14	10.251	3.590998	24.022278	8.291503
6/26/2013 14:14	10.501	3.589998	24.007111	8.289194
6/26/2013 14:14	10.751	3.591011	23.985016	8.291533
6/26/2013 14:14	11.001	3.591568	23.972321	8.292819
6/26/2013 14:14	11.251	3.590698	23.951263	8.290811
6/26/2013 14:14	11.501	3.591295	23.935089	8.29219
6/26/2013 14:14	11.751	3.59095	23.918427	8.291392
6/26/2013 14:14	11.998	3.59156	23.90033	8.292802
6/26/2013 14:14	12.251	3.589674	23.883698	8.288446
6/26/2013 14:14	12.501	3.590714	23.866028	8.290846
6/26/2013 14:14	12.751	3.59041	23.850372	8.290146
6/26/2013 14:14	13.001	3.589972	23.828827	8.289133
6/26/2013 14:14	13.251	3.589436	23.810211	8.287895
6/26/2013 14:14	13.501	3.58926	23.795044	8.287491
6/26/2013 14:14	13.751	3.589598	23.776428	8.28827
6/26/2013 14:14	14.001	3.59042	23.760284	8.290168
6/26/2013 14:14	14.251	3.590733	23.740234	8.290891
6/26/2013 14:14	14.501	3.58902	23.724579	8.286936
6/26/2013 14:14	14.751	3.589651	23.708893	8.288394
6/26/2013 14:14	15.001	3.589298	23.691772	8.287579
6/26/2013 14:14	15.251	3.589754	23.67218	8.28863
6/26/2013 14:14	15.501	3.589373	23.657013	8.28775
6/26/2013 14:14	15.751	3.58922	23.639404	8.287397
6/26/2013 14:14	16.001	3.590464	23.620819	8.290269
6/26/2013 14:14	16.251	3.588852	23.604187	8.286549
6/26/2013 14:14	16.501	3.589067	23.588501	8.287045
6/26/2013 14:14	16.751	3.588135	23.571899	8.284891
6/26/2013 14:14	17.001	3.58938	23.555725	8.287767
6/26/2013 14:14	17.251	3.587854	23.538116	8.284245
6/26/2013 14:14	17.501	3.588551	23.518097	8.285852
6/26/2013 14:14	17.751	3.588264	23.503876	8.285192
6/26/2013 14:14	18.001	3.588636	23.484283	8.28605
6/26/2013 14:14	18.251	3.587742	23.467194	8.283984
6/26/2013 14:14	18.501	3.588179	23.450073	8.284993
6/26/2013 14:14	18.751	3.588398	23.435883	8.2855
6/26/2013 14:14	19.001	3.589369	23.415833	8.287742
6/26/2013 14:14	19.251	3.588869	23.402618	8.286588
6/26/2013 14:14	19.501	3.587339	23.381134	8.283055
6/26/2013 14:14	19.751	3.588144	23.367462	8.284913
6/26/2013 14:14	20.001	3.588778	23.351318	8.286376
6/26/2013 14:14	20.251	3.588221	23.335632	8.28509
6/26/2013 14:14	20.501	3.587437	23.319519	8.283279
6/26/2013 14:14	20.751	3.588655	23.30191	8.286095
6/26/2013 14:14	21.001	3.588312	23.286255	8.285301
6/26/2013 14:14	21.251	3.587318	23.266235	8.283008
6/26/2013 14:14	21.501	3.587004	23.253052	8.282281

6/26/2013 14:15	21.751	3.58707	23.233978	8.282434
6/26/2013 14:15	22.001	3.587444	23.220276	8.283298
6/26/2013 14:15	22.251	3.587824	23.19928	8.284174
6/26/2013 14:15	22.501	3.587444	23.183655	8.283298
6/26/2013 14:15	22.751	3.586674	23.168488	8.281519
6/26/2013 14:15	23.001	3.586729	23.150421	8.281646
6/26/2013 14:15	23.251	3.586452	23.134277	8.281008
6/26/2013 14:15	23.501	3.587551	23.11911	8.283545
6/26/2013 14:15	23.751	3.587385	23.103973	8.283161
6/26/2013 14:15	24.001	3.585581	23.083466	8.278996
6/26/2013 14:15	24.251	3.586304	23.071228	8.280663
6/26/2013 14:15	24.501	3.587229	23.057587	8.2828
6/26/2013 14:15	24.751	3.587454	23.040985	8.283319
6/26/2013 14:15	25.001	3.58602	23.023865	8.280007
6/26/2013 14:15	25.251	3.586515	23.006256	8.281154
6/26/2013 14:15	25.501	3.58646	22.992126	8.281026
6/26/2013 14:15	25.751	3.586515	22.975525	8.281154
6/26/2013 14:15	26.001	3.586578	22.957428	8.281298
6/26/2013 14:15	26.251	3.586054	22.941315	8.280087
6/26/2013 14:15	26.501	3.585808	22.92572	8.279519
6/26/2013 14:15	26.751	3.585623	22.909576	8.279092
6/26/2013 14:15	27.001	3.585211	22.893951	8.278141
6/26/2013 14:15	27.251	3.585405	22.874908	8.278589
6/26/2013 14:15	27.501	3.585091	22.860718	8.277863
6/26/2013 14:15	27.751	3.585777	22.844635	8.279449
6/26/2013 14:15	28.001	3.585932	22.831482	8.279805
6/26/2013 14:15	28.251	3.585434	22.813843	8.278656
6/26/2013 14:15	28.501	3.584726	22.796814	8.277021
6/26/2013 14:15	28.751	3.584906	22.785553	8.277436
6/26/2013 14:15	29.001	3.585661	22.766541	8.27918
6/26/2013 14:15	29.251	3.584251	22.749939	8.275925
6/26/2013 14:15	29.501	3.585033	22.734772	8.277731
6/26/2013 14:15	29.751	3.584312	22.71817	8.276066
6/26/2013 14:15	30.001	3.584906	22.704071	8.277436
6/26/2013 14:15	30.251	3.584877	22.688446	8.277369
6/26/2013 14:15	30.501	3.584627	22.674286	8.276793
6/26/2013 14:15	30.751	3.584469	22.659149	8.276428
6/26/2013 14:15	31.001	3.585125	22.644501	8.277943
6/26/2013 14:15	31.251	3.584906	22.628418	8.277436
6/26/2013 14:15	31.501	3.58375	22.611816	8.274768
6/26/2013 14:15	31.751	3.584288	22.595734	8.276009
6/26/2013 14:15	32.001	3.58316	22.580109	8.273406
6/26/2013 14:15	32.251	3.584223	22.566925	8.27586
6/26/2013 14:15	32.501	3.583849	22.549347	8.274997
6/26/2013 14:15	32.751	3.58375	22.534729	8.274768
6/26/2013 14:15	33.001	3.583725	22.51767	8.27471
6/26/2013 14:15	33.251	3.583286	22.504486	8.273697

6/26/2013 14:15	33.501	3.583538	22.488403	8.274279
6/26/2013 14:15	33.751	3.582445	22.476685	8.271755
6/26/2013 14:15	34.001	3.584011	22.456238	8.275371
6/26/2013 14:15	34.251	3.582851	22.445007	8.272693
6/26/2013 14:15	34.501	3.582949	22.430389	8.272918
6/26/2013 14:15	34.751	3.582766	22.413757	8.272495
6/26/2013 14:15	35.001	3.582573	22.399139	8.27205
6/26/2013 14:15	35.251	3.582699	22.38501	8.27234
6/26/2013 14:15	35.501	3.582983	22.369873	8.272997
6/26/2013 14:15	35.751	3.582851	22.358185	8.272693
6/26/2013 14:15	36.001	3.582541	22.340637	8.271975
6/26/2013 14:15	36.251	3.582611	22.323578	8.272138
6/26/2013 14:15	36.501	3.583324	22.308929	8.273785
6/26/2013 14:15	36.751	3.581671	22.296783	8.269966
6/26/2013 14:15	37.001	3.581264	22.281189	8.269029
6/26/2013 14:15	37.248	3.582424	22.266052	8.271707
6/26/2013 14:15	37.501	3.581141	22.250946	8.268743
6/26/2013 14:15	37.751	3.583073	22.234863	8.273204
6/26/2013 14:15	38.001	3.58201	22.219757	8.270751
6/26/2013 14:15	38.251	3.581959	22.207092	8.270632
6/26/2013 14:15	38.501	3.580399	22.192963	8.26703
6/26/2013 14:15	38.751	3.581917	22.17688	8.270535
6/26/2013 14:15	39.001	3.581141	22.16272	8.268743
6/26/2013 14:15	39.251	3.581987	22.150543	8.270698
6/26/2013 14:15	39.501	3.581299	22.132538	8.269108
6/26/2013 14:15	39.751	3.580421	22.119843	8.267082
6/26/2013 14:15	40.001	3.580929	22.101807	8.268253
6/26/2013 14:15	40.251	3.581453	22.087677	8.269464
6/26/2013 14:15	40.501	3.581516	22.0755	8.26961
6/26/2013 14:15	40.751	3.581079	22.058472	8.268602
6/26/2013 14:15	41.001	3.580486	22.0448	8.267232
6/26/2013 14:15	41.251	3.581207	22.034607	8.268897
6/26/2013 14:15	41.501	3.580894	22.019012	8.268174
6/26/2013 14:15	41.751	3.581274	22.002441	8.269051
6/26/2013 14:15	42.001	3.581238	21.992218	8.268968
6/26/2013 14:15	42.251	3.580894	21.975647	8.268174
6/26/2013 14:15	42.501	3.580338	21.960083	8.266889
6/26/2013 14:15	42.751	3.581146	21.948395	8.268756
6/26/2013 14:15	43.001	3.581055	21.931335	8.268545
6/26/2013 14:15	43.251	3.579338	21.915771	8.264582
6/26/2013 14:15	43.501	3.579994	21.904083	8.266095
6/26/2013 14:15	43.751	3.58009	21.889465	8.266316
6/26/2013 14:15	44.001	3.580368	21.877319	8.266959
6/26/2013 14:15	44.251	3.579742	21.864624	8.265514
6/26/2013 14:15	44.501	3.579641	21.849548	8.265281
6/26/2013 14:15	44.751	3.579927	21.835419	8.265942
6/26/2013 14:15	45.001	3.579994	21.821747	8.266095

6/26/2013 14:15	45.251	3.580025	21.80719	8.266166
6/26/2013 14:15	45.501	3.58009	21.796967	8.266316
6/26/2013 14:15	45.751	3.58024	21.778931	8.266664
6/26/2013 14:15	46.001	3.580183	21.766785	8.266532
6/26/2013 14:15	46.251	3.579742	21.752167	8.265514
6/26/2013 14:15	46.501	3.579275	21.739502	8.264435
6/26/2013 14:15	46.751	3.579559	21.721985	8.265092
6/26/2013 14:15	47.001	3.578583	21.705933	8.262836
6/26/2013 14:15	47.251	3.57856	21.697174	8.262784
6/26/2013 14:15	47.501	3.579521	21.681122	8.265004
6/26/2013 14:15	47.751	3.579275	21.667969	8.264435
6/26/2013 14:15	48.001	3.57946	21.655792	8.264863
6/26/2013 14:15	48.251	3.579338	21.641205	8.264582
6/26/2013 14:15	48.501	3.579025	21.628082	8.263859
6/26/2013 14:15	48.751	3.578592	21.615906	8.262858
6/26/2013 14:15	49.001	3.578909	21.600311	8.26359
6/26/2013 14:15	49.251	3.578808	21.587219	8.263356
6/26/2013 14:15	49.501	3.578281	21.575531	8.262141
6/26/2013 14:15	49.751	3.578312	21.559967	8.262211
6/26/2013 14:15	50.001	3.578403	21.550201	8.262424
6/26/2013 14:15	50.251	3.577559	21.534149	8.260471
6/26/2013 14:15	50.501	3.578663	21.522034	8.263021
6/26/2013 14:15	50.751	3.578375	21.505005	8.262357
6/26/2013 14:15	51.001	3.578032	21.494293	8.261564
6/26/2013 14:15	51.251	3.57762	21.479706	8.260612
6/26/2013 14:15	51.501	3.57762	21.467072	8.260612
6/26/2013 14:15	51.751	3.578215	21.454407	8.261987
6/26/2013 14:15	52.001	3.578556	21.443237	8.262774
6/26/2013 14:15	52.251	3.577755	21.428162	8.260925
6/26/2013 14:15	52.501	3.578344	21.415985	8.262286
6/26/2013 14:15	52.751	3.577221	21.40094	8.259692
6/26/2013 14:15	53.001	3.577938	21.386322	8.261348
6/26/2013 14:15	53.251	3.57762	21.371765	8.260612
6/26/2013 14:15	53.501	3.577528	21.361542	8.260402
6/26/2013 14:15	53.751	3.578032	21.350342	8.261564
6/26/2013 14:15	54.001	3.578154	21.3367	8.261846
6/26/2013 14:15	54.251	3.57687	21.324097	8.258882
6/26/2013 14:15	54.501	3.577042	21.310974	8.259279
6/26/2013 14:15	54.751	3.577595	21.29837	8.260555
6/26/2013 14:15	55.001	3.577248	21.28421	8.259753
6/26/2013 14:15	55.251	3.577847	21.272552	8.261137
6/26/2013 14:15	55.501	3.577248	21.261383	8.259753
6/26/2013 14:15	55.751	3.577433	21.246796	8.260181
6/26/2013 14:15	56.001	3.577135	21.235138	8.259494
6/26/2013 14:15	56.251	3.577717	21.220093	8.260838
6/26/2013 14:15	56.501	3.577847	21.206451	8.261137
6/26/2013 14:15	56.751	3.576071	21.194305	8.257037

6/26/2013 14:15	57.001	3.577869	21.183105	8.261189
6/26/2013 14:15	57.251	3.577255	21.172943	8.259771
6/26/2013 14:15	57.501	3.577312	21.157867	8.259904
6/26/2013 14:15	57.751	3.576813	21.146667	8.25875
6/26/2013 14:15	58.001	3.576101	21.134552	8.257108
6/26/2013 14:15	58.251	3.577061	21.116577	8.259322
6/26/2013 14:15	58.501	3.576155	21.106354	8.25723
6/26/2013 14:15	58.751	3.576241	21.095673	8.257428
6/26/2013 14:15	59.001	3.576414	21.080627	8.25783
6/26/2013 14:15	59.251	3.578878	21.069427	8.263519
6/26/2013 14:15	59.501	3.575813	21.05777	8.256442
6/26/2013 14:15	59.751	3.575529	21.043213	8.255785
6/26/2013 14:15	60.001	3.576324	21.03299	8.257623
6/26/2013 14:15	60.251	3.577353	21.019867	8.259996
6/26/2013 14:15	60.501	3.576878	21.00824	8.2589
6/26/2013 14:15	60.751	3.576948	20.99411	8.259062
6/26/2013 14:15	61.001	3.58132	20.983917	8.269156
6/26/2013 14:15	61.251	3.581787	20.970825	8.270236
6/26/2013 14:15	61.501	4.598616	20.960632	10.618061
6/26/2013 14:15	61.751	5.70846	20.947052	13.180656
6/26/2013 14:15	62.001	4.434681	20.937317	10.239541
6/26/2013 14:15	62.251	4.205618	20.923737	9.710641
6/26/2013 14:15	62.497	4.390047	20.908203	10.136483
6/26/2013 14:15	62.751	4.317272	20.898468	9.968449
6/26/2013 14:15	63.001	4.518511	20.885345	10.433102
6/26/2013 14:15	63.251	4.158527	20.872223	9.601911
6/26/2013 14:15	63.501	4.235731	20.862549	9.780172
6/26/2013 14:15	63.751	4.143335	20.850891	9.566833
6/26/2013 14:15	64.001	3.622044	20.836334	8.363187
6/26/2013 14:15	64.251	4.021124	20.826599	9.284651
6/26/2013 14:15	64.501	3.824438	20.812561	8.830509
6/26/2013 14:15	64.751	3.872231	20.801849	8.94086
6/26/2013 14:15	65.001	3.853832	20.791168	8.898379
6/26/2013 14:15	65.251	3.853111	20.778564	8.896714
6/26/2013 14:15	65.501	3.846138	20.766907	8.880613
6/26/2013 14:15	65.751	3.842207	20.753296	8.871536
6/26/2013 14:15	66.001	3.838268	20.74118	8.862443
6/26/2013 14:15	66.251	3.835524	20.730988	8.856105
6/26/2013 14:15	66.501	3.832336	20.717377	8.848746
6/26/2013 14:15	66.751	3.829493	20.705231	8.842179
6/26/2013 14:15	67.001	3.826023	20.696045	8.834168
6/26/2013 14:15	67.251	3.823399	20.680969	8.828109
6/26/2013 14:15	67.501	3.820715	20.66983	8.821912
6/26/2013 14:15	67.751	3.818645	20.658661	8.817135
6/26/2013 14:15	68.001	3.814938	20.645569	8.808573
6/26/2013 14:15	68.251	3.812374	20.633881	8.802653
6/26/2013 14:15	68.501	3.811155	20.622284	8.79984

6/26/2013 14:15	68.751	3.809067	20.610168	8.795017
6/26/2013 14:15	69.001	3.80715	20.598511	8.790591
6/26/2013 14:15	69.251	3.805593	20.587341	8.786998
6/26/2013 14:15	69.501	3.802813	20.574249	8.780576
6/26/2013 14:15	69.751	3.80245	20.56308	8.779739
6/26/2013 14:15	70.001	3.801104	20.549988	8.77663
6/26/2013 14:15	70.251	3.799118	20.534485	8.772045
6/26/2013 14:15	70.501	3.796856	20.525238	8.766824
6/26/2013 14:15	70.751	3.795433	20.513611	8.763537
6/26/2013 14:15	71.001	3.79434	20.49762	8.761014
6/26/2013 14:15	71.251	3.793159	20.490326	8.758287
6/26/2013 14:15	71.501	3.792379	20.47821	8.756486
6/26/2013 14:15	71.751	3.790661	20.464111	8.752519
6/26/2013 14:15	72.001	3.789661	20.454895	8.750211
6/26/2013 14:15	72.251	3.78878	20.441315	8.748177
6/26/2013 14:15	72.501	3.787125	20.429657	8.744353
6/26/2013 14:15	72.751	3.786913	20.417114	8.743865
6/26/2013 14:15	73.001	3.785631	20.405945	8.740905
6/26/2013 14:15	73.251	3.783636	20.392365	8.736299
6/26/2013 14:15	73.501	3.783195	20.384094	8.735281
6/26/2013 14:15	73.751	3.782854	20.36908	8.734493
6/26/2013 14:15	74.001	3.781443	20.359863	8.731235
6/26/2013 14:15	74.251	3.780888	20.348236	8.729952
6/26/2013 14:15	74.501	3.779854	20.336578	8.727565
6/26/2013 14:15	74.751	3.778824	20.323517	8.725187
6/26/2013 14:15	75.001	3.777626	20.31427	8.722422
6/26/2013 14:15	75.251	3.777357	20.301727	8.721801
6/26/2013 14:15	75.501	3.776882	20.291016	8.720704
6/26/2013 14:15	75.751	3.775763	20.279388	8.718119
6/26/2013 14:15	76.001	3.774818	20.26535	8.715939
6/26/2013 14:15	76.251	3.772882	20.254181	8.71147
6/26/2013 14:15	76.501	3.772949	20.241089	8.711622
6/26/2013 14:15	76.751	3.772322	20.228485	8.710174
6/26/2013 14:15	77.001	3.771734	20.219757	8.708817
6/26/2013 14:15	77.251	3.769642	20.209625	8.703986
6/26/2013 14:15	77.501	3.769302	20.196991	8.703202
6/26/2013 14:15	77.751	3.769543	20.183411	8.703757
6/26/2013 14:15	78.001	3.768887	20.172791	8.702242
6/26/2013 14:15	78.251	3.767952	20.161133	8.700084
6/26/2013 14:15	78.501	3.766731	20.152405	8.697266
6/26/2013 14:15	78.751	3.766396	20.138824	8.69649
6/26/2013 14:15	79.001	3.765509	20.126251	8.694443
6/26/2013 14:15	79.251	3.765209	20.11557	8.693751
6/26/2013 14:15	79.501	3.764078	20.103943	8.69114
6/26/2013 14:15	79.751	3.763573	20.092804	8.689973
6/26/2013 14:15	80.001	3.763264	20.082642	8.689259
6/26/2013 14:15	80.251	3.762764	20.070038	8.688106

6/26/2013 14:15	80.501	3.761763	20.060364	8.685793
6/26/2013 14:15	80.751	3.761736	20.045807	8.685732
6/26/2013 14:15	81.001	3.760925	20.038544	8.68386
6/26/2013 14:15	81.251	3.760242	20.025482	8.682283
6/26/2013 14:15	81.501	3.759956	20.01239	8.681623
6/26/2013 14:16	81.751	3.758928	20.002686	8.679249
6/26/2013 14:16	82.001	3.758112	19.989624	8.677364
6/26/2013 14:16	82.251	3.758675	19.978485	8.678663
6/26/2013 14:16	82.501	3.757957	19.968811	8.677008
6/26/2013 14:16	82.751	3.757111	19.955719	8.675052
6/26/2013 14:16	83.001	3.755247	19.946014	8.67075
6/26/2013 14:16	83.251	3.756176	19.93631	8.672894
6/26/2013 14:16	83.501	3.755583	19.924255	8.671525
6/26/2013 14:16	83.751	3.754055	19.914093	8.667997
6/26/2013 14:16	84.001	3.7549	19.901947	8.669948
6/26/2013 14:16	84.251	3.753494	19.891296	8.666702
6/26/2013 14:16	84.501	3.752586	19.880188	8.664606
6/26/2013 14:16	84.751	3.752237	19.869995	8.663799
6/26/2013 14:16	85.001	3.75206	19.858856	8.66339
6/26/2013 14:16	85.251	3.751245	19.848694	8.66151
6/26/2013 14:16	85.501	3.751617	19.837097	8.662368
6/26/2013 14:16	85.751	3.750431	19.825958	8.65963
6/26/2013 14:16	86.001	3.75112	19.814301	8.661219
6/26/2013 14:16	86.251	3.750307	19.805603	8.659343
6/26/2013 14:16	86.501	3.749805	19.796875	8.658185
6/26/2013 14:16	86.751	3.750219	19.785767	8.659141
6/26/2013 14:16	87.001	3.755247	19.774658	8.67075
6/26/2013 14:16	87.251	3.752365	19.763	8.664095
6/26/2013 14:16	87.501	3.750401	19.751373	8.659558
6/26/2013 14:16	87.748	3.750895	19.742676	8.6607
6/26/2013 14:16	88.001	3.747274	19.731079	8.65234
6/26/2013 14:16	88.251	3.746218	19.71991	8.6499
6/26/2013 14:16	88.501	3.745277	19.707367	8.647729
6/26/2013 14:16	88.751	3.745934	19.699615	8.649244
6/26/2013 14:16	89.001	3.74494	19.688934	8.64695
6/26/2013 14:16	89.251	3.745564	19.677795	8.64839
6/26/2013 14:16	89.501	3.744598	19.666199	8.646161
6/26/2013 14:16	89.751	3.745029	19.65509	8.647158
6/26/2013 14:16	90.001	3.744278	19.647339	8.645421
6/26/2013 14:16	90.251	3.745182	19.637665	8.64751
6/26/2013 14:16	90.501	3.745655	19.625092	8.648602
6/26/2013 14:16	90.751	3.746248	19.615875	8.649971
6/26/2013 14:16	91.001	3.743629	19.605743	8.643925
6/26/2013 14:16	91.251	3.743095	19.594604	8.642692
6/26/2013 14:16	91.501	3.743813	19.583923	8.644347
6/26/2013 14:16	91.751	3.744127	19.576691	8.645074
6/26/2013 14:16	92.001	3.743465	19.564606	8.643546

6/26/2013 14:16	92.251	3.74419	19.554901	8.645219
6/26/2013 14:16	92.501	3.74044	19.545746	8.63656
6/26/2013 14:16	92.751	3.740688	19.535095	8.637134
6/26/2013 14:16	93.001	3.74103	19.524445	8.637921
6/26/2013 14:16	93.251	3.741846	19.51767	8.639807
6/26/2013 14:16	93.501	3.742846	19.506042	8.642115
6/26/2013 14:16	93.751	3.742975	19.494934	8.642414
6/26/2013 14:16	94.001	3.738602	19.484283	8.632316
6/26/2013 14:16	94.251	3.739164	19.472687	8.633615
6/26/2013 14:16	94.501	3.739384	19.463013	8.634121
6/26/2013 14:16	94.751	3.73954	19.451874	8.634482
6/26/2013 14:16	95.001	3.739569	19.443665	8.634548
6/26/2013 14:16	95.251	3.74041	19.433472	8.63649
6/26/2013 14:16	95.501	3.740826	19.423859	8.637451
6/26/2013 14:16	95.751	3.74007	19.416107	8.635706
6/26/2013 14:16	96.001	3.739447	19.40451	8.634266
6/26/2013 14:16	96.251	3.73826	19.394806	8.631528
6/26/2013 14:16	96.501	3.738413	19.38562	8.631879
6/26/2013 14:16	96.751	3.738352	19.378387	8.631739
6/26/2013 14:16	97.001	3.738287	19.362396	8.631589
6/26/2013 14:16	97.251	3.738567	19.352722	8.632236
6/26/2013 14:16	97.501	3.736414	19.345032	8.627264
6/26/2013 14:16	97.751	3.736635	19.332428	8.627775
6/26/2013 14:16	98.001	3.736385	19.324219	8.627198
6/26/2013 14:16	98.251	3.734854	19.31311	8.623662
6/26/2013 14:16	98.501	3.735538	19.308258	8.625243
6/26/2013 14:16	98.751	3.735329	19.298096	8.624759
6/26/2013 14:16	99.001	3.734413	19.287964	8.622644
6/26/2013 14:16	99.251	3.734224	19.281647	8.622209
6/26/2013 14:16	99.501	3.734701	19.269104	8.623309
6/26/2013 14:16	99.751	3.734224	19.25943	8.622209
6/26/2013 14:16	100.001	3.733761	19.246368	8.621138
6/26/2013 14:16	100.251	3.733604	19.239624	8.620777
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6/26/2013 14:16	100.751	3.733913	19.221741	8.62149
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6/26/2013 14:16	101.501	3.732452	19.191772	8.618116
6/26/2013 14:16	101.751	3.732477	19.184052	8.618175
6/26/2013 14:16	102.001	3.731825	19.173401	8.616668
6/26/2013 14:16	102.251	3.732016	19.163757	8.617108
6/26/2013 14:16	102.501	3.731415	19.156494	8.615721
6/26/2013 14:16	102.751	3.730665	19.144897	8.613991
6/26/2013 14:16	103.001	3.730173	19.136658	8.612854
6/26/2013 14:16	103.251	3.730427	19.127991	8.61344
6/26/2013 14:16	103.501	3.729984	19.118774	8.612418
6/26/2013 14:16	103.751	3.729984	19.107178	8.612418

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6/26/2013 14:16	104.251	3.730051	19.089783	8.612572
6/26/2013 14:16	104.501	3.728394	19.082092	8.608745
6/26/2013 14:16	104.751	3.728516	19.071442	8.609028
6/26/2013 14:16	105.001	3.729267	19.063232	8.610763
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6/26/2013 14:16	105.501	3.728516	19.046295	8.609028
6/26/2013 14:16	105.751	3.728994	19.036163	8.610132
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6/26/2013 14:16	106.251	3.727428	19.015381	8.606518
6/26/2013 14:16	106.501	3.727243	19.010101	8.60609
6/26/2013 14:16	106.751	3.727303	18.999939	8.606226
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6/26/2013 14:16	107.501	3.726986	18.9729	8.605494
6/26/2013 14:16	107.751	3.727522	18.965149	8.606732
6/26/2013 14:16	108.001	3.725992	18.95694	8.6032
6/26/2013 14:16	108.251	3.726397	18.94635	8.604135
6/26/2013 14:16	108.501	3.726112	18.939087	8.603478
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6/26/2013 14:16	109.751	3.724844	18.891266	8.600549
6/26/2013 14:16	110.001	3.724394	18.884003	8.59951
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6/26/2013 14:16	110.501	3.724394	18.86615	8.59951
6/26/2013 14:16	110.751	3.724272	18.858429	8.599228
6/26/2013 14:16	111.001	3.724331	18.848267	8.599364
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6/26/2013 14:16	111.751	3.723768	18.823181	8.598065
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6/26/2013 14:16	112.251	3.72212	18.806274	8.59426
6/26/2013 14:16	112.501	3.721556	18.795197	8.592957
6/26/2013 14:16	112.751	3.722086	18.790344	8.594181
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6/26/2013 14:16	114.251	3.720341	18.738678	8.590152
6/26/2013 14:16	114.501	3.720524	18.731476	8.590574
6/26/2013 14:16	114.751	3.719809	18.720367	8.588923
6/26/2013 14:16	115.001	3.72028	18.714569	8.590011
6/26/2013 14:16	115.251	3.719311	18.707794	8.587774
6/26/2013 14:16	115.501	3.719425	18.699615	8.588037

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6/26/2013 14:16	116.251	3.718721	18.673065	8.586412
6/26/2013 14:16	116.501	3.718872	18.662903	8.586761
6/26/2013 14:16	116.751	3.717934	18.653748	8.584594
6/26/2013 14:16	117.001	3.718088	18.649414	8.58495
6/26/2013 14:16	117.251	3.717777	18.640717	8.584232
6/26/2013 14:16	117.501	3.717852	18.630096	8.584404
6/26/2013 14:16	117.751	3.717272	18.62381	8.583066
6/26/2013 14:16	118.001	3.715652	18.616608	8.579327
6/26/2013 14:16	118.251	3.716032	18.605988	8.580203
6/26/2013 14:16	118.501	3.715717	18.596832	8.579476
6/26/2013 14:16	118.751	3.716368	18.591034	8.580978
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6/26/2013 14:16	119.501	3.715845	18.569763	8.579771
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6/26/2013 14:16	120.001	3.715536	18.549042	8.579059
6/26/2013 14:16	120.251	3.714844	18.545197	8.577459
6/26/2013 14:16	120.501	3.714687	18.538422	8.577098
6/26/2013 14:16	120.751	3.71447	18.52829	8.576595
6/26/2013 14:16	121.001	3.714029	18.521057	8.575579
6/26/2013 14:16	121.251	3.713284	18.509949	8.573856
6/26/2013 14:16	121.501	3.713528	18.50174	8.574421
6/26/2013 14:16	121.751	3.713661	18.495972	8.574729
6/26/2013 14:16	122.001	3.712437	18.487305	8.571901
6/26/2013 14:16	122.251	3.71269	18.481995	8.572487
6/26/2013 14:16	122.501	3.712595	18.472321	8.572267
6/26/2013 14:16	122.751	3.712	18.465576	8.570893
6/26/2013 14:16	123.001	3.711414	18.458344	8.569541
6/26/2013 14:16	123.251	3.711691	18.447235	8.570179
6/26/2013 14:16	123.501	3.711323	18.441956	8.569329
6/26/2013 14:16	123.751	3.711573	18.435181	8.569906
6/26/2013 14:16	124.001	3.711222	18.425537	8.569097
6/26/2013 14:16	124.251	3.710789	18.419769	8.568096
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6/26/2013 14:16	124.751	3.711264	18.400452	8.569193
6/26/2013 14:16	125.001	3.709509	18.394684	8.565142
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6/26/2013 14:16	125.501	3.70904	18.380707	8.564057
6/26/2013 14:16	125.751	3.709002	18.374939	8.56397
6/26/2013 14:16	126.001	3.708792	18.367188	8.563485
6/26/2013 14:16	126.251	3.708633	18.356567	8.563119
6/26/2013 14:16	126.501	3.708006	18.352234	8.56167
6/26/2013 14:16	126.751	3.708572	18.342133	8.562979
6/26/2013 14:16	127.001	3.708664	18.336334	8.56319
6/26/2013 14:16	127.251	3.707386	18.327637	8.560239

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6/26/2013 14:16	128.001	3.706923	18.305939	8.559169
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6/26/2013 14:16	128.501	3.706945	18.29245	8.559221
6/26/2013 14:16	128.751	3.706573	18.282318	8.558364
6/26/2013 14:16	129.001	3.70595	18.277008	8.556923
6/26/2013 14:16	129.251	3.706421	18.266876	8.558011
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6/26/2013 14:16	130.251	3.705576	18.239441	8.55606
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6/26/2013 14:16	131.001	3.704668	18.217712	8.553964
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6/26/2013 14:16	131.751	3.703579	18.197937	8.551449
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6/26/2013 14:16	133.001	3.702513	18.162323	8.548987
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6/26/2013 14:16	133.751	3.701578	18.138672	8.546829
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6/26/2013 14:16	137.001	3.699858	18.050995	8.542857
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6/26/2013 14:16	137.751	3.698921	18.028839	8.540694
6/26/2013 14:16	138.001	3.69886	18.023529	8.540553
6/26/2013 14:16	138.251	3.698082	18.017761	8.538756
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6/26/2013 14:16	138.751	3.698236	18.000885	8.539113
6/26/2013 14:16	139.001	3.697273	17.995117	8.536889

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6/26/2013 14:16	139.751	3.697393	17.977264	8.537168
6/26/2013 14:16	140.001	3.696426	17.967651	8.534934
6/26/2013 14:16	140.251	3.696835	17.963318	8.535876
6/26/2013 14:16	140.501	3.696682	17.956085	8.535524
6/26/2013 14:16	140.751	3.696646	17.94693	8.53544
6/26/2013 14:16	141.001	3.695826	17.940643	8.533546
6/26/2013 14:16	141.251	3.695429	17.935364	8.53263
6/26/2013 14:16	141.501	3.696894	17.927673	8.536014
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6/26/2013 14:17	142.001	3.695236	17.917053	8.532186
6/26/2013 14:17	142.251	3.695337	17.909851	8.532419
6/26/2013 14:17	142.501	3.694771	17.90213	8.531111
6/26/2013 14:17	142.751	3.695362	17.897308	8.532477
6/26/2013 14:17	143.001	3.694345	17.891052	8.530129
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6/26/2013 14:17	144.001	3.693275	17.86261	8.527658
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6/26/2013 14:17	145.001	3.693213	17.83902	8.527514
6/26/2013 14:17	145.251	3.693623	17.830383	8.528461
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6/26/2013 14:17	163.251	3.681719	17.411194	8.500975
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6/26/2013 14:17	163.751	3.68191	17.399139	8.501415
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6/26/2013 14:17	164.751	3.681065	17.377991	8.499464
6/26/2013 14:17	165.001	3.681101	17.375122	8.499548
6/26/2013 14:17	165.251	3.680698	17.369324	8.498619
6/26/2013 14:17	165.501	3.680103	17.362122	8.497245
6/26/2013 14:17	165.751	3.680162	17.359222	8.49738
6/26/2013 14:17	166.001	3.679913	17.354919	8.496804
6/26/2013 14:17	166.251	3.67985	17.348663	8.496658
6/26/2013 14:17	166.501	3.67985	17.343353	8.496658
6/26/2013 14:17	166.751	3.679504	17.336151	8.495861
6/26/2013 14:17	167.001	3.679634	17.332764	8.496161
6/26/2013 14:17	167.251	3.681814	17.32605	8.501195
6/26/2013 14:17	167.501	3.683191	17.323181	8.504375
6/26/2013 14:17	167.751	3.683777	17.31546	8.505727
6/26/2013 14:17	168.001	3.681377	17.31546	8.500186
6/26/2013 14:17	168.251	3.680971	17.304901	8.499249
6/26/2013 14:17	168.501	3.678907	17.301544	8.494482
6/26/2013 14:17	168.751	3.679287	17.294769	8.49536
6/26/2013 14:17	169.001	3.677511	17.293335	8.491259
6/26/2013 14:17	169.251	3.677847	17.289032	8.492034
6/26/2013 14:17	169.501	3.678543	17.282806	8.493642
6/26/2013 14:17	169.751	3.677572	17.275574	8.4914
6/26/2013 14:17	170.001	3.677881	17.272186	8.492113
6/26/2013 14:17	170.251	3.67679	17.265442	8.489594
6/26/2013 14:17	170.501	3.677443	17.262115	8.491101
6/26/2013 14:17	170.751	3.677666	17.256805	8.491616
6/26/2013 14:17	171.001	3.677191	17.253937	8.490519
6/26/2013 14:17	171.251	3.677847	17.246246	8.492034
6/26/2013 14:17	171.501	3.676201	17.242371	8.488234
6/26/2013 14:17	171.751	3.676081	17.237122	8.487956
6/26/2013 14:17	172.001	3.676254	17.233246	8.488358
6/26/2013 14:17	172.251	3.67598	17.226501	8.487723
6/26/2013 14:17	172.501	3.676537	17.224121	8.489009
6/26/2013 14:17	172.751	3.675764	17.216431	8.487226
6/26/2013 14:17	173.001	3.675379	17.211609	8.486336
6/26/2013 14:17	173.251	3.675512	17.206329	8.486644
6/26/2013 14:17	173.501	3.675232	17.203461	8.485997
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6/26/2013 14:17	174.001	3.675314	17.19046	8.486186
6/26/2013 14:17	174.251	3.674952	17.187561	8.48535

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6/26/2013 14:17	174.751	3.674675	17.176514	8.484711
6/26/2013 14:17	175.001	3.67445	17.171234	8.484191
6/26/2013 14:17	175.251	3.674486	17.166901	8.484275
6/26/2013 14:17	175.501	3.674381	17.163086	8.484032
6/26/2013 14:17	175.751	3.674795	17.157776	8.484988
6/26/2013 14:17	176.001	3.673948	17.158722	8.483033
6/26/2013 14:17	176.251	3.673666	17.153473	8.482381
6/26/2013 14:17	176.501	3.6737	17.147675	8.48246
6/26/2013 14:17	176.751	3.673607	17.141907	8.482244
6/26/2013 14:17	177.001	3.673389	17.136658	8.481743
6/26/2013 14:17	177.251	3.674343	17.130859	8.483945
6/26/2013 14:17	177.501	3.673389	17.125549	8.481743
6/26/2013 14:17	177.751	3.67251	17.122223	8.479712
6/26/2013 14:17	178.001	3.672447	17.115479	8.479567
6/26/2013 14:17	178.251	3.672703	17.111145	8.480157
6/26/2013 14:17	178.501	3.67251	17.104889	8.479712
6/26/2013 14:17	178.751	3.672672	17.102997	8.480086
6/26/2013 14:17	179.001	3.672203	17.096252	8.479003
6/26/2013 14:17	179.251	3.671982	17.093842	8.478493
6/26/2013 14:17	179.501	3.672295	17.087585	8.479215
6/26/2013 14:17	179.751	3.672014	17.083282	8.478567
6/26/2013 14:17	180.001	3.671982	17.078979	8.478493
6/26/2013 14:17	180.251	3.670832	17.072693	8.475837
6/26/2013 14:17	180.501	3.672203	17.069336	8.479003
6/26/2013 14:17	180.751	3.671227	17.063599	8.476748
6/26/2013 14:17	181.001	3.671448	17.060211	8.477259
6/26/2013 14:17	181.251	3.671295	17.055389	8.476907
6/26/2013 14:17	181.501	3.670546	17.052032	8.475176
6/26/2013 14:17	181.751	3.670609	17.045807	8.475322
6/26/2013 14:17	182.001	3.670483	17.043396	8.475031
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6/26/2013 14:17	182.501	3.670141	17.033264	8.474243
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6/26/2013 14:17	183.251	3.670685	17.018402	8.475497
6/26/2013 14:17	183.501	3.670238	17.014557	8.474467
6/26/2013 14:17	183.751	3.670141	17.012177	8.474243
6/26/2013 14:17	184.001	3.669233	17.006378	8.472146
6/26/2013 14:17	184.251	3.669989	17.00061	8.47389
6/26/2013 14:17	184.501	3.668951	16.99823	8.471494
6/26/2013 14:17	184.751	3.670259	16.994843	8.474516
6/26/2013 14:17	185.001	3.669052	16.988617	8.471727
6/26/2013 14:17	185.251	3.669935	16.984772	8.473767
6/26/2013 14:17	185.501	3.668547	16.979462	8.470561
6/26/2013 14:17	185.751	3.668547	16.974213	8.470561
6/26/2013 14:17	186.001	3.668518	16.973236	8.470494

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6/26/2013 14:17	186.501	3.66848	16.962219	8.470407
6/26/2013 14:17	186.751	3.668049	16.958832	8.469411
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6/26/2013 14:17	187.251	3.667271	16.946838	8.467614
6/26/2013 14:17	187.501	3.667677	16.943939	8.468553
6/26/2013 14:17	187.751	3.666988	16.941528	8.466963
6/26/2013 14:17	188.001	3.66643	16.936707	8.465672
6/26/2013 14:17	188.251	3.667496	16.933868	8.468135
6/26/2013 14:17	188.501	3.666866	16.926147	8.466681
6/26/2013 14:17	188.746	3.667704	16.927124	8.468614
6/26/2013 14:17	189.001	3.666491	16.918488	8.465814
6/26/2013 14:17	189.251	3.666307	16.915619	8.46539
6/26/2013 14:17	189.501	3.666525	16.910309	8.465893
6/26/2013 14:17	189.751	3.666456	16.906921	8.465734
6/26/2013 14:17	190.001	3.666643	16.903137	8.466166
6/26/2013 14:17	190.251	3.666054	16.895905	8.464805
6/26/2013 14:17	190.501	3.665775	16.894928	8.464162
6/26/2013 14:17	190.751	3.665457	16.892548	8.463427
6/26/2013 14:17	191.001	3.664867	16.885834	8.462066
6/26/2013 14:17	191.251	3.664932	16.883423	8.462214
6/26/2013 14:17	191.501	3.665052	16.876678	8.462493
6/26/2013 14:17	191.751	3.665239	16.871429	8.462924
6/26/2013 14:17	192.001	3.665457	16.86853	8.463427
6/26/2013 14:17	192.251	3.665361	16.866119	8.463205
6/26/2013 14:17	192.501	3.664461	16.858459	8.461127
6/26/2013 14:17	192.751	3.66437	16.856995	8.460916
6/26/2013 14:17	193.001	3.66449	16.850739	8.461193
6/26/2013 14:17	193.251	3.663933	16.848328	8.459908
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6/26/2013 14:17	193.751	3.664461	16.839691	8.461127
6/26/2013 14:17	194.001	3.6639	16.835358	8.459832
6/26/2013 14:17	194.251	3.6639	16.833954	8.459832
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6/26/2013 14:17	195.751	3.663652	16.809448	8.459259
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6/26/2013 14:17	196.251	3.663145	16.802734	8.458089
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6/26/2013 14:17	198.501	3.661398	16.765259	8.454055
6/26/2013 14:17	198.751	3.661774	16.760956	8.454922
6/26/2013 14:17	199.001	3.662373	16.756134	8.456305
6/26/2013 14:17	199.251	3.660742	16.753235	8.452539
6/26/2013 14:17	199.501	3.661556	16.749908	8.45442
6/26/2013 14:17	199.751	3.660812	16.744629	8.452703
6/26/2013 14:17	200.001	3.660837	16.74173	8.452759
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6/26/2013 14:17	200.501	3.661053	16.735992	8.453258
6/26/2013 14:17	200.751	3.660645	16.728302	8.452315
6/26/2013 14:17	201.001	3.660872	16.724976	8.452839
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6/26/2013 14:18	201.751	3.660463	16.717255	8.451897
6/26/2013 14:18	202.001	3.660378	16.713379	8.451698
6/26/2013 14:18	202.251	3.660181	16.70813	8.451245
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6/26/2013 14:18	202.751	3.658962	16.699493	8.44843
6/26/2013 14:18	203.001	3.659595	16.697113	8.449892
6/26/2013 14:18	203.251	3.65881	16.693726	8.448078
6/26/2013 14:18	203.501	3.659136	16.688446	8.448831
6/26/2013 14:18	203.751	3.660172	16.684143	8.451222
6/26/2013 14:18	204.001	3.658869	16.678833	8.448215
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6/26/2013 14:18	204.501	3.659025	16.675018	8.448576
6/26/2013 14:18	204.751	3.65881	16.670197	8.448078
6/26/2013 14:18	205.001	3.65831	16.66684	8.446925
6/26/2013 14:18	205.251	3.658522	16.662537	8.447412
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6/26/2013 14:18	205.751	3.658623	16.656281	8.447647
6/26/2013 14:18	206.001	3.658438	16.651947	8.44722
6/26/2013 14:18	206.251	3.657841	16.649597	8.445841
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6/26/2013 14:18	206.751	3.657339	16.642822	8.444683
6/26/2013 14:18	207.001	3.657537	16.636597	8.445141
6/26/2013 14:18	207.251	3.657841	16.634216	8.445841
6/26/2013 14:18	207.501	3.657776	16.629852	8.445691
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6/26/2013 14:18	208.001	3.657776	16.623169	8.445691
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6/26/2013 14:18	208.751	3.657433	16.61261	8.444899
6/26/2013 14:18	209.001	3.657061	16.607788	8.44404
6/26/2013 14:18	209.251	3.656935	16.603027	8.443749
6/26/2013 14:18	209.501	3.656401	16.603027	8.442516

6/26/2013 14:18	209.751	3.656626	16.598206	8.443035
6/26/2013 14:18	210.001	3.656565	16.595795	8.442894
6/26/2013 14:18	210.251	3.655931	16.592438	8.441433
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6/26/2013 14:18	211.001	3.655569	16.580933	8.440596
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6/26/2013 14:18	213.001	3.655033	16.553589	8.439359
6/26/2013 14:18	213.251	3.654594	16.550201	8.438345
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6/26/2013 14:18	213.751	3.654985	16.543518	8.439248
6/26/2013 14:18	214.001	3.654285	16.539642	8.437632
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6/26/2013 14:18	214.751	3.654123	16.526672	8.437258
6/26/2013 14:18	215.001	3.653439	16.526672	8.435677
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6/26/2013 14:18	216.751	3.652697	16.502716	8.433964
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6/26/2013 14:18	219.501	3.651815	16.463348	8.431928
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6/26/2013 14:18	221.751	3.651197	16.436035	8.430502
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6/26/2013 14:18	222.751	3.649538	16.4216	8.42667
6/26/2013 14:18	223.001	3.649733	16.420166	8.427119
6/26/2013 14:18	223.251	3.650438	16.417786	8.428748
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6/26/2013 14:18	223.751	3.649569	16.408661	8.426741
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6/26/2013 14:18	224.251	3.650511	16.407227	8.428917
6/26/2013 14:18	224.501	3.648233	16.402435	8.423657
6/26/2013 14:18	224.751	3.649538	16.40097	8.42667
6/26/2013 14:18	225.001	3.649233	16.397156	8.425966
6/26/2013 14:18	225.251	3.649733	16.389008	8.427119
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6/26/2013 14:18	225.751	3.649195	16.387085	8.425878
6/26/2013 14:18	226.003	3.648794	16.382294	8.424953
6/26/2013 14:18	226.251	3.648888	16.379425	8.425169
6/26/2013 14:18	226.501	3.648474	16.381805	8.424213
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6/26/2013 14:18	227.501	3.649271	16.365509	8.426054
6/26/2013 14:18	227.751	3.648127	16.361176	8.423411
6/26/2013 14:18	228.001	3.648666	16.359711	8.424658
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6/26/2013 14:18	228.501	3.648493	16.352051	8.424257
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6/26/2013 14:18	229.251	3.647104	16.342957	8.421051
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6/26/2013 14:18	230.001	3.647255	16.333832	8.421399
6/26/2013 14:18	230.251	3.646975	16.334808	8.420751
6/26/2013 14:18	230.501	3.647356	16.330933	8.421632
6/26/2013 14:18	230.751	3.647322	16.324249	8.421553
6/26/2013 14:18	231.001	3.646801	16.322327	8.420351
6/26/2013 14:18	231.251	3.647861	16.31897	8.4228
6/26/2013 14:18	231.501	3.647043	16.316589	8.42091
6/26/2013 14:18	231.751	3.646105	16.31369	8.418743
6/26/2013 14:18	232.001	3.646572	16.310303	8.419822
6/26/2013 14:18	232.251	3.646416	16.307007	8.419461
6/26/2013 14:18	232.501	3.64645	16.30603	8.41954
6/26/2013 14:18	232.751	3.646223	16.299774	8.419016
6/26/2013 14:18	233.001	3.646416	16.297882	8.419461

6/26/2013 14:18	233.251	3.646383	16.296906	8.419385
6/26/2013 14:18	233.501	3.645916	16.292084	8.418306
6/26/2013 14:18	233.751	3.646105	16.288788	8.418743
6/26/2013 14:18	234.001	3.64595	16.2883	8.418386
6/26/2013 14:18	234.251	3.645296	16.283478	8.416875
6/26/2013 14:18	234.501	3.645695	16.281097	8.417796
6/26/2013 14:18	234.751	3.645576	16.277252	8.417522
6/26/2013 14:18	235.001	3.645576	16.273865	8.417522
6/26/2013 14:18	235.251	3.645605	16.274353	8.417589
6/26/2013 14:18	235.501	3.645611	16.268127	8.417603
6/26/2013 14:18	235.751	3.644638	16.264771	8.415356
6/26/2013 14:18	236.001	3.644758	16.26239	8.415634
6/26/2013 14:18	236.251	3.643944	16.26001	8.413754
6/26/2013 14:18	236.501	3.647612	16.257599	8.422222
6/26/2013 14:18	236.751	3.648005	16.253754	8.423129
6/26/2013 14:18	237.001	3.647188	16.251373	8.421245
6/26/2013 14:18	237.251	3.64595	16.249451	8.418386
6/26/2013 14:18	237.501	3.643801	16.246552	8.413424
6/26/2013 14:18	237.751	3.642672	16.242737	8.410815
6/26/2013 14:18	238.001	3.643478	16.241302	8.412679
6/26/2013 14:18	238.251	3.64674	16.238892	8.420209
6/26/2013 14:18	238.501	3.648256	16.237427	8.423711
6/26/2013 14:18	238.751	3.642139	16.232666	8.409587
6/26/2013 14:18	239.001	3.643801	16.228333	8.413424
6/26/2013 14:18	239.251	3.643232	16.230743	8.41211
6/26/2013 14:18	239.501	3.643291	16.222107	8.412247
6/26/2013 14:18	239.751	3.642483	16.223572	8.410379
6/26/2013 14:18	240.001	3.643478	16.217804	8.412679
6/26/2013 14:18	240.251	3.643734	16.216339	8.413269
6/26/2013 14:18	240.501	3.642761	16.212524	8.411023
6/26/2013 14:18	240.751	3.641668	16.213013	8.4085
6/26/2013 14:18	241.001	3.643404	16.207214	8.412507
6/26/2013 14:18	241.251	3.642042	16.206787	8.409363
6/26/2013 14:18	241.501	3.642769	16.202911	8.41104
6/26/2013 14:18	241.751	3.641832	16.198608	8.408878
6/26/2013 14:18	242.001	3.642233	16.19812	8.409802
6/26/2013 14:18	242.251	3.642075	16.192841	8.409438
6/26/2013 14:18	242.501	3.640926	16.191895	8.406786
6/26/2013 14:18	242.751	3.640865	16.19043	8.406646
6/26/2013 14:18	243.001	3.641605	16.187103	8.408354
6/26/2013 14:18	243.251	3.642113	16.181793	8.409526
6/26/2013 14:18	243.501	3.642269	16.181366	8.409886
6/26/2013 14:18	243.751	3.642233	16.177032	8.409802
6/26/2013 14:18	244.001	3.642326	16.17511	8.410018
6/26/2013 14:18	244.251	3.642233	16.173187	8.409802
6/26/2013 14:18	244.501	3.641953	16.167938	8.409156
6/26/2013 14:18	244.751	3.640865	16.166473	8.406646

6/26/2013 14:18	245.001	3.641521	16.166962	8.40816
6/26/2013 14:18	245.251	3.641859	16.15979	8.408939
6/26/2013 14:18	245.501	3.641354	16.160736	8.407773
6/26/2013 14:18	245.751	3.641668	16.156891	8.4085
6/26/2013 14:18	246.001	3.641354	16.15448	8.407773
6/26/2013 14:18	246.251	3.64032	16.150665	8.405386
6/26/2013 14:18	246.501	3.640581	16.148743	8.405989
6/26/2013 14:18	246.751	3.640547	16.145416	8.40591
6/26/2013 14:18	247.001	3.64032	16.141571	8.405386
6/26/2013 14:18	247.251	3.64089	16.140594	8.406703
6/26/2013 14:18	247.501	3.641605	16.137726	8.408354
6/26/2013 14:18	247.751	3.640547	16.133911	8.40591
6/26/2013 14:18	248.001	3.640358	16.133911	8.405474
6/26/2013 14:18	248.251	3.640394	16.132446	8.405558
6/26/2013 14:18	248.501	3.641205	16.128113	8.407429
6/26/2013 14:18	248.751	3.640984	16.128632	8.406918
6/26/2013 14:18	249.001	3.63961	16.123352	8.403748
6/26/2013 14:18	249.251	3.640358	16.12381	8.405474
6/26/2013 14:18	249.501	3.640144	16.117615	8.404981
6/26/2013 14:18	249.751	3.639799	16.113739	8.404183
6/26/2013 14:18	250.001	3.63961	16.11087	8.403748
6/26/2013 14:18	250.251	3.63961	16.112335	8.403748
6/26/2013 14:18	250.501	3.63933	16.107513	8.4031
6/26/2013 14:18	250.751	3.640394	16.104645	8.405558
6/26/2013 14:18	251.001	3.641489	16.105591	8.408086
6/26/2013 14:18	251.251	3.63973	16.100342	8.404025
6/26/2013 14:18	251.501	3.640455	16.094574	8.405698
6/26/2013 14:18	251.753	3.639864	16.094116	8.404333
6/26/2013 14:18	252.001	3.639265	16.09314	8.40295
6/26/2013 14:18	252.251	3.639677	16.087372	8.403902
6/26/2013 14:18	252.501	3.639242	16.084015	8.402897
6/26/2013 14:18	252.751	3.639009	16.083557	8.402361
6/26/2013 14:18	253.001	3.638763	16.083099	8.401792
6/26/2013 14:18	253.258	3.638584	16.076843	8.401378
6/26/2013 14:18	253.501	3.639046	16.075439	8.402444
6/26/2013 14:18	253.751	3.638763	16.075439	8.401792
6/26/2013 14:18	254.001	3.63933	16.073975	8.4031
6/26/2013 14:18	254.251	3.638386	16.069153	8.400921
6/26/2013 14:18	254.501	3.638271	16.067719	8.400655
6/26/2013 14:18	254.751	3.638208	16.067291	8.400511
6/26/2013 14:18	255.001	3.638676	16.061005	8.40159
6/26/2013 14:18	255.251	3.638075	16.059601	8.400203
6/26/2013 14:18	255.501	3.6383	16.055756	8.400723
6/26/2013 14:18	255.751	3.638676	16.055756	8.40159
6/26/2013 14:18	256.001	3.63842	16.052399	8.400999
6/26/2013 14:18	256.278	3.639181	16.048096	8.402757
6/26/2013 14:18	256.5	3.638615	16.048584	8.401448

6/26/2013 14:18	256.751	3.637825	16.04425	8.399625
6/26/2013 14:18	257.001	3.637825	16.043732	8.399625
6/26/2013 14:18	257.251	3.637426	16.041382	8.398705
6/26/2013 14:18	257.501	3.637281	16.039948	8.398371
6/26/2013 14:18	257.751	3.637899	16.035156	8.399796
6/26/2013 14:18	258.001	3.636801	16.032288	8.397261
6/26/2013 14:18	258.251	3.637175	16.030334	8.398123
6/26/2013 14:18	258.501	3.637281	16.029388	8.398371
6/26/2013 14:18	258.751	3.638403	16.022217	8.40096
6/26/2013 14:18	259.007	3.63887	16.024628	8.402039
6/26/2013 14:18	259.251	3.637053	16.021729	8.397841
6/26/2013 14:18	259.501	3.637201	16.016937	8.398185
6/26/2013 14:18	259.751	3.636333	16.016937	8.396182
6/26/2013 14:18	260.001	3.635798	16.017395	8.394943
6/26/2013 14:18	260.251	3.636393	16.012634	8.396317
6/26/2013 14:18	260.501	3.6373	16.0112	8.398415
6/26/2013 14:18	260.751	3.63673	16.005432	8.397098
6/26/2013 14:18	261.001	3.635771	16.006866	8.394881
6/26/2013 14:18	261.251	3.635933	16.003967	8.395257

*** Depth recorded by sensor does not represent depth to groundwater from top of well casing.**

BCP MW4 **Bouwer and Rice Slug-Test Method**

Static water level = 8.29 feet (measured by transducer)
Maximum depth of water in well = 13.18 feet, occurs at 61.751 seconds

y_0 = Maximum depth - Static water level

y_0 = 4.89 feet

Elapsed Time	Depth	t	y_t
Seconds	Feet	Seconds	Feet
61.751	13.18066	0	4.890656
62.001	10.23954	0.25	1.949541
62.251	9.710641	0.5	1.420641
62.497	10.13648	0.746	1.846483
62.751	9.968449	1	1.678449
63.001	10.4331	1.25	2.143102
63.251	9.601911	1.5	1.311911
63.501	9.780172	1.75	1.490172
63.751	9.566833	2	1.276833
64.001	8.363187	2.25	0.073187
64.251	9.284651	2.5	0.994651
64.501	8.830509	2.75	0.540509
64.751	8.94086	3	0.65086
65.001	8.898379	3.25	0.608379
65.251	8.896714	3.5	0.606714
65.501	8.880613	3.75	0.590613
65.751	8.871536	4	0.581536
66.001	8.862443	4.25	0.572443
66.251	8.856105	4.5	0.566105
66.501	8.848746	4.75	0.558746
66.751	8.842179	5	0.552179
67.001	8.834168	5.25	0.544168
67.251	8.828109	5.5	0.538109
67.501	8.821912	5.75	0.531912
67.751	8.817135	6	0.527135
68.001	8.808573	6.25	0.518573
68.251	8.802653	6.5	0.512653
68.501	8.79984	6.75	0.50984
68.751	8.795017	7	0.505017
69.001	8.790591	7.25	0.500591
69.251	8.786998	7.5	0.496998
69.501	8.780576	7.75	0.490576
69.751	8.779739	8	0.489739
70.001	8.77663	8.25	0.48663

70.251	8.772045	8.5	0.482045
70.501	8.766824	8.75	0.476824
70.751	8.763537	9	0.473537
71.001	8.761014	9.25	0.471014
71.251	8.758287	9.5	0.468287
71.501	8.756486	9.75	0.466486
71.751	8.752519	10	0.462519
72.001	8.750211	10.25	0.460211
72.251	8.748177	10.5	0.458177
72.501	8.744353	10.75	0.454353
72.751	8.743865	11	0.453865
73.001	8.740905	11.25	0.450905
73.251	8.736299	11.5	0.446299
73.501	8.735281	11.75	0.445281
73.751	8.734493	12	0.444493
74.001	8.731235	12.25	0.441235
74.251	8.729952	12.5	0.439952
74.501	8.727565	12.75	0.437565
74.751	8.725187	13	0.435187
75.001	8.722422	13.25	0.432422
75.251	8.721801	13.5	0.431801
75.501	8.720704	13.75	0.430704
75.751	8.718119	14	0.428119
76.001	8.715939	14.25	0.425939
76.251	8.71147	14.5	0.42147
76.501	8.711622	14.75	0.421622
76.751	8.710174	15	0.420174
77.001	8.708817	15.25	0.418817
77.251	8.703986	15.5	0.413986
77.501	8.703202	15.75	0.413202
77.751	8.703757	16	0.413757
78.001	8.702242	16.25	0.412242
78.251	8.700084	16.5	0.410084
78.501	8.697266	16.75	0.407266
78.751	8.69649	17	0.40649
79.001	8.694443	17.25	0.404443
79.251	8.693751	17.5	0.403751
79.501	8.69114	17.75	0.40114
79.751	8.689973	18	0.399973
80.001	8.689259	18.25	0.399259
80.251	8.688106	18.5	0.398106
80.501	8.685793	18.75	0.395793
80.751	8.685732	19	0.395732
81.001	8.68386	19.25	0.39386
81.251	8.682283	19.5	0.392283
81.501	8.681623	19.75	0.391623
81.751	8.679249	20	0.389249

82.001	8.677364	20.25	0.387364
82.251	8.678663	20.5	0.388663
82.501	8.677008	20.75	0.387008
82.751	8.675052	21	0.385052
83.001	8.67075	21.25	0.38075
83.251	8.672894	21.5	0.382894
83.501	8.671525	21.75	0.381525
83.751	8.667997	22	0.377997
84.001	8.669948	22.25	0.379948
84.251	8.666702	22.5	0.376702
84.501	8.664606	22.75	0.374606
84.751	8.663799	23	0.373799
85.001	8.66339	23.25	0.37339
85.251	8.66151	23.5	0.37151
85.501	8.662368	23.75	0.372368
85.751	8.65963	24	0.36963
86.001	8.661219	24.25	0.371219
86.251	8.659343	24.5	0.369343
86.501	8.658185	24.75	0.368185
86.751	8.659141	25	0.369141
87.001	8.67075	25.25	0.38075
87.251	8.664095	25.5	0.374095
87.501	8.659558	25.75	0.369558
87.748	8.6607	25.997	0.3707
88.001	8.65234	26.25	0.36234
88.251	8.6499	26.5	0.3599
88.501	8.647729	26.75	0.357729
88.751	8.649244	27	0.359244
89.001	8.64695	27.25	0.35695
89.251	8.64839	27.5	0.35839
89.501	8.646161	27.75	0.356161
89.751	8.647158	28	0.357158
90.001	8.645421	28.25	0.355421
90.251	8.64751	28.5	0.35751
90.501	8.648602	28.75	0.358602
90.751	8.649971	29	0.359971
91.001	8.643925	29.25	0.353925
91.251	8.642692	29.5	0.352692
91.501	8.644347	29.75	0.354347
91.751	8.645074	30	0.355074
92.001	8.643546	30.25	0.353546
92.251	8.645219	30.5	0.355219
92.501	8.63656	30.75	0.34656
92.751	8.637134	31	0.347134
93.001	8.637921	31.25	0.347921
93.251	8.639807	31.5	0.349807
93.501	8.642115	31.75	0.352115

93.751	8.642414	32	0.352414
94.001	8.632316	32.25	0.342316
94.251	8.633615	32.5	0.343615
94.501	8.634121	32.75	0.344121
94.751	8.634482	33	0.344482
95.001	8.634548	33.25	0.344548
95.251	8.63649	33.5	0.34649
95.501	8.637451	33.75	0.347451
95.751	8.635706	34	0.345706
96.001	8.634266	34.25	0.344266
96.251	8.631528	34.5	0.341528
96.501	8.631879	34.75	0.341879
96.751	8.631739	35	0.341739
97.001	8.631589	35.25	0.341589
97.251	8.632236	35.5	0.342236
97.501	8.627264	35.75	0.337264
97.751	8.627775	36	0.337775
98.001	8.627198	36.25	0.337198
98.251	8.623662	36.5	0.333662
98.501	8.625243	36.75	0.335243
98.751	8.624759	37	0.334759
99.001	8.622644	37.25	0.332644
99.251	8.622209	37.5	0.332209
99.501	8.623309	37.75	0.333309
99.751	8.622209	38	0.332209
100.001	8.621138	38.25	0.331138
100.251	8.620777	38.5	0.330777
100.501	8.620777	38.75	0.330777
100.751	8.62149	39	0.33149
101.001	8.619069	39.25	0.329069
101.251	8.619702	39.5	0.329702
101.501	8.618116	39.75	0.328116
101.751	8.618175	40	0.328175
102.001	8.616668	40.25	0.326668
102.251	8.617108	40.5	0.327108
102.501	8.615721	40.75	0.325721
102.751	8.613991	41	0.323991
103.001	8.612854	41.25	0.322854
103.251	8.61344	41.5	0.32344
103.501	8.612418	41.75	0.322418
103.751	8.612418	42	0.322418
104.001	8.611978	42.25	0.321978
104.251	8.612572	42.5	0.322572
104.501	8.608745	42.75	0.318745
104.751	8.609028	43	0.319028
105.001	8.610763	43.25	0.320763
105.251	8.607962	43.5	0.317962

105.501	8.609028	43.75	0.319028
105.751	8.610132	44	0.320132
106.001	8.608825	44.25	0.318825
106.251	8.606518	44.5	0.316518
106.501	8.60609	44.75	0.31609
106.751	8.606226	45	0.316226
107.001	8.605064	45.25	0.315064
107.251	8.605707	45.5	0.315707
107.501	8.605494	45.75	0.315494
107.751	8.606732	46	0.316732
108.001	8.6032	46.25	0.3132
108.251	8.604135	46.5	0.314135
108.501	8.603478	46.75	0.313478
108.751	8.603478	47	0.313478
109.001	8.604059	47.25	0.314059
109.251	8.601605	47.5	0.311605
109.501	8.602042	47.75	0.312042
109.751	8.600549	48	0.310549
110.001	8.59951	48.25	0.30951
110.251	8.600237	48.5	0.310237
110.501	8.59951	48.75	0.30951
110.751	8.599228	49	0.309228
111.001	8.599364	49.25	0.309364
111.251	8.598435	49.5	0.308435
111.501	8.598225	49.75	0.308225
111.751	8.598065	50	0.308065
112.001	8.596704	50.25	0.306704
112.251	8.59426	50.5	0.30426
112.501	8.592957	50.75	0.302957
112.751	8.594181	51	0.304181
113.001	8.593596	51.25	0.303596
113.251	8.592957	51.5	0.302957
113.501	8.592816	51.75	0.302816
113.751	8.593186	52	0.303186
114.001	8.592381	52.25	0.302381
114.251	8.590152	52.5	0.300152
114.501	8.590574	52.75	0.300574
114.751	8.588923	53	0.298923
115.001	8.590011	53.25	0.300011
115.251	8.587774	53.5	0.297774
115.501	8.588037	53.75	0.298037
115.751	8.586179	54	0.296179
116.001	8.586237	54.25	0.296237
116.251	8.586412	54.5	0.296412
116.501	8.586761	54.75	0.296761
116.751	8.584594	55	0.294594
117.001	8.58495	55.25	0.29495

117.251	8.584232	55.5	0.294232
117.501	8.584404	55.75	0.294404
117.751	8.583066	56	0.293066
118.001	8.579327	56.25	0.289327
118.251	8.580203	56.5	0.290203
118.501	8.579476	56.75	0.289476
118.751	8.580978	57	0.290978
119.001	8.580128	57.25	0.290128
119.251	8.57912	57.5	0.28912
119.501	8.579771	57.75	0.289771
119.751	8.578181	58	0.288181
120.001	8.579059	58.25	0.289059
120.251	8.577459	58.5	0.287459
120.501	8.577098	58.75	0.287098
120.751	8.576595	59	0.286595
121.001	8.575579	59.25	0.285579
121.251	8.573856	59.5	0.283856
121.501	8.574421	59.75	0.284421
121.751	8.574729	60	0.284729
122.001	8.571901	60.25	0.281901
122.251	8.572487	60.5	0.282487
122.501	8.572267	60.75	0.282267
122.751	8.570893	61	0.280893
123.001	8.569541	61.25	0.279541
123.251	8.570179	61.5	0.280179
123.501	8.569329	61.75	0.279329
123.751	8.569906	62	0.279906
124.001	8.569097	62.25	0.279097
124.251	8.568096	62.5	0.278096
124.501	8.566225	62.75	0.276225
124.751	8.569193	63	0.279193
125.001	8.565142	63.25	0.275142
125.251	8.56599	63.5	0.27599
125.501	8.564057	63.75	0.274057
125.751	8.56397	64	0.27397
126.001	8.563485	64.25	0.273485
126.251	8.563119	64.5	0.273119
126.501	8.56167	64.75	0.27167
126.751	8.562979	65	0.272979
127.001	8.56319	65.25	0.27319
127.251	8.560239	65.5	0.270239
127.501	8.56046	65.75	0.27046
127.751	8.561592	66	0.271592
128.001	8.559169	66.25	0.269169
128.251	8.559221	66.5	0.269221
128.501	8.559221	66.75	0.269221
128.751	8.558364	67	0.268364

129.001	8.556923	67.25	0.266923
129.251	8.558011	67.5	0.268011
129.501	8.555557	67.75	0.265557
129.751	8.554184	68	0.264184
130.001	8.555342	68.25	0.265342
130.251	8.55606	68.5	0.26606
130.501	8.554482	68.75	0.264482
130.751	8.555836	69	0.265836
131.001	8.553964	69.25	0.263964
131.251	8.552889	69.5	0.262889
131.501	8.549701	69.75	0.259701
131.751	8.551449	70	0.261449
132.001	8.55015	70.25	0.26015
132.251	8.551797	70.5	0.261797
132.501	8.550282	70.75	0.260282
132.751	8.551	71	0.261
133.001	8.548987	71.25	0.258987
133.251	8.549114	71.5	0.259114
133.501	8.548406	71.75	0.258406
133.751	8.546829	72	0.256829
134.001	8.548406	72.25	0.258406
134.251	8.547613	72.5	0.257613
134.501	8.547415	72.75	0.257415
134.751	8.547331	73	0.257331
135.001	8.544028	73.25	0.254028
135.251	8.545024	73.5	0.255024
135.501	8.54279	73.75	0.25279
135.751	8.545103	74	0.255103
136.001	8.544161	74.25	0.254161
136.251	8.542729	74.5	0.252729
136.501	8.541646	74.75	0.251646
136.751	8.54335	75	0.25335
137.001	8.542857	75.25	0.252857
137.251	8.539558	75.5	0.249558
137.501	8.538537	75.75	0.248537
137.751	8.540694	76	0.250694
138.001	8.540553	76.25	0.250553
138.251	8.538756	76.5	0.248756
138.501	8.538484	76.75	0.248484
138.751	8.539113	77	0.249113
139.001	8.536889	77.25	0.246889
139.251	8.538329	77.5	0.248329
139.501	8.538818	77.75	0.248818
139.751	8.537168	78	0.247168
140.001	8.534934	78.25	0.244934
140.251	8.535876	78.5	0.245876
140.501	8.535524	78.75	0.245524

140.751	8.53544	79	0.24544
141.001	8.533546	79.25	0.243546
141.251	8.53263	79.5	0.24263
141.501	8.536014	79.75	0.246014
141.751	8.532477	80	0.242477
142.001	8.532186	80.25	0.242186
142.251	8.532419	80.5	0.242419
142.501	8.531111	80.75	0.241111
142.751	8.532477	81	0.242477
143.001	8.530129	81.25	0.240129
143.251	8.530671	81.5	0.240671
143.501	8.528535	81.75	0.238535
143.751	8.529883	82	0.239883
144.001	8.527658	82.25	0.237658
144.251	8.527514	82.5	0.237514
144.501	8.526575	82.75	0.236575
144.751	8.52621	83	0.23621
145.001	8.527514	83.25	0.237514
145.251	8.528461	83.5	0.238461
145.501	8.525986	83.75	0.235986
145.751	8.52592	84	0.23592
146.001	8.525633	84.25	0.235633
146.251	8.523911	84.5	0.233911
146.501	8.523911	84.75	0.233911
146.751	8.525853	85	0.235853
147.001	8.523461	85.25	0.233461
147.251	8.523616	85.5	0.233616
147.501	8.522664	85.75	0.232664
147.751	8.522268	86	0.232268
148.001	8.523114	86.25	0.233114
148.251	8.522664	86.5	0.232664
148.501	8.521449	86.75	0.231449
148.751	8.521382	87	0.231382
149.001	8.521449	87.25	0.231449
149.251	8.520031	87.5	0.230031
149.501	8.519595	87.75	0.229595
149.751	8.519427	88	0.229427
150.001	8.516851	88.25	0.226851
150.251	8.518868	88.5	0.228868
150.501	8.51778	88.75	0.22778
150.751	8.519071	89	0.229071
151.001	8.517715	89.25	0.227715
151.251	8.517137	89.5	0.227137
151.501	8.516481	89.75	0.226481
151.751	8.516979	90	0.226979
152.001	8.517265	90.25	0.227265
152.251	8.518433	90.5	0.228433

152.501	8.51567	90.75	0.22567
152.751	8.517216	91	0.227216
153.001	8.51567	91.25	0.22567
153.251	8.514108	91.5	0.224108
153.501	8.515543	91.75	0.225543
153.751	8.515821	92	0.225821
154.001	8.516191	92.25	0.226191
154.251	8.515253	92.5	0.225253
154.501	8.515614	92.75	0.225614
154.751	8.51431	93	0.22431
155.001	8.515046	93.25	0.225046
155.251	8.515046	93.5	0.225046
155.501	8.514605	93.75	0.224605
155.751	8.5138	94	0.2238
156.001	8.513676	94.25	0.223676
156.251	8.513455	94.5	0.223455
156.501	8.512289	94.75	0.222289
156.751	8.512012	95	0.222012
157.001	8.511645	95.25	0.221645
157.251	8.508986	95.5	0.218986
157.501	8.511853	95.75	0.221853
157.751	8.51055	96	0.22055
158.001	8.510223	96.25	0.220223
158.251	8.509779	96.5	0.219779
158.501	8.507545	96.75	0.217545
158.751	8.509333	97	0.219333
159.001	8.508131	97.25	0.218131
159.251	8.506743	97.5	0.216743
159.501	8.507603	97.75	0.217603
159.751	8.508395	98	0.218395
160.001	8.506462	98.25	0.216462
160.251	8.50703	98.5	0.21703
160.501	8.505466	98.75	0.215466
160.751	8.505163	99	0.215163
161.001	8.504664	99.25	0.214664
161.251	8.504886	99.5	0.214886
161.501	8.504375	99.75	0.214375
161.751	8.502067	100	0.212067
162.001	8.504085	100.25	0.214085
162.251	8.503071	100.5	0.213071
162.501	8.502926	100.75	0.212926
162.751	8.503014	101	0.213014
163.001	8.502433	101.25	0.212433
163.251	8.500975	101.5	0.210975
163.501	8.500186	101.75	0.210186
163.751	8.501415	102	0.211415
164.001	8.501124	102.25	0.211124

164.251	8.499548	102.5	0.209548
164.501	8.499107	102.75	0.209107
164.751	8.499464	103	0.209464
165.001	8.499548	103.25	0.209548
165.251	8.498619	103.5	0.208619
165.501	8.497245	103.75	0.207245
165.751	8.49738	104	0.20738
166.001	8.496804	104.25	0.206804
166.251	8.496658	104.5	0.206658
166.501	8.496658	104.75	0.206658
166.751	8.495861	105	0.205861
167.001	8.496161	105.25	0.206161
167.251	8.501195	105.5	0.211195
167.501	8.504375	105.75	0.214375
167.751	8.505727	106	0.215727
168.001	8.500186	106.25	0.210186
168.251	8.499249	106.5	0.209249
168.501	8.494482	106.75	0.204482
168.751	8.49536	107	0.20536
169.001	8.491259	107.25	0.201259
169.251	8.492034	107.5	0.202034
169.501	8.493642	107.75	0.203642
169.751	8.4914	108	0.2014
170.001	8.492113	108.25	0.202113
170.251	8.489594	108.5	0.199594
170.501	8.491101	108.75	0.201101
170.751	8.491616	109	0.201616
171.001	8.490519	109.25	0.200519
171.251	8.492034	109.5	0.202034
171.501	8.488234	109.75	0.198234
171.751	8.487956	110	0.197956
172.001	8.488358	110.25	0.198358
172.251	8.487723	110.5	0.197723
172.501	8.489009	110.75	0.199009
172.751	8.487226	111	0.197226
173.001	8.486336	111.25	0.196336
173.251	8.486644	111.5	0.196644
173.501	8.485997	111.75	0.195997
173.751	8.483676	112	0.193676
174.001	8.486186	112.25	0.196186
174.251	8.48535	112.5	0.19535
174.501	8.484755	112.75	0.194755
174.751	8.484711	113	0.194711
175.001	8.484191	113.25	0.194191
175.251	8.484275	113.5	0.194275
175.501	8.484032	113.75	0.194032
175.751	8.484988	114	0.194988

176.001	8.483033	114.25	0.193033
176.251	8.482381	114.5	0.192381
176.501	8.48246	114.75	0.19246
176.751	8.482244	115	0.192244
177.001	8.481743	115.25	0.191743
177.251	8.483945	115.5	0.193945
177.501	8.481743	115.75	0.191743
177.751	8.479712	116	0.189712
178.001	8.479567	116.25	0.189567
178.251	8.480157	116.5	0.190157
178.501	8.479712	116.75	0.189712
178.751	8.480086	117	0.190086
179.001	8.479003	117.25	0.189003
179.251	8.478493	117.5	0.188493
179.501	8.479215	117.75	0.189215
179.751	8.478567	118	0.188567
180.001	8.478493	118.25	0.188493
180.251	8.475837	118.5	0.185837
180.501	8.479003	118.75	0.189003
180.751	8.476748	119	0.186748
181.001	8.477259	119.25	0.187259
181.251	8.476907	119.5	0.186907
181.501	8.475176	119.75	0.185176
181.751	8.475322	120	0.185322
182.001	8.475031	120.25	0.185031
182.251	8.474379	120.5	0.184379
182.501	8.474243	120.75	0.184243
182.751	8.474964	121	0.184964
183.001	8.474964	121.25	0.184964
183.251	8.475497	121.5	0.185497
183.501	8.474467	121.75	0.184467
183.751	8.474243	122	0.184243
184.001	8.472146	122.25	0.182146
184.251	8.47389	122.5	0.18389
184.501	8.471494	122.75	0.181494
184.751	8.474516	123	0.184516
185.001	8.471727	123.25	0.181727
185.251	8.473767	123.5	0.183767
185.501	8.470561	123.75	0.180561
185.751	8.470561	124	0.180561
186.001	8.470494	124.25	0.180494
186.251	8.471441	124.5	0.181441
186.501	8.470407	124.75	0.180407
186.751	8.469411	125	0.179411
187.001	8.466033	125.25	0.176033
187.251	8.467614	125.5	0.177614
187.501	8.468553	125.75	0.178553

187.751	8.466963	126	0.176963
188.001	8.465672	126.25	0.175672
188.251	8.468135	126.5	0.178135
188.501	8.466681	126.75	0.176681
188.746	8.468614	126.995	0.178614
189.001	8.465814	127.25	0.175814
189.251	8.46539	127.5	0.17539
189.501	8.465893	127.75	0.175893
189.751	8.465734	128	0.175734
190.001	8.466166	128.25	0.176166
190.251	8.464805	128.5	0.174805
190.501	8.464162	128.75	0.174162
190.751	8.463427	129	0.173427
191.001	8.462066	129.25	0.172066
191.251	8.462214	129.5	0.172214
191.501	8.462493	129.75	0.172493
191.751	8.462924	130	0.172924
192.001	8.463427	130.25	0.173427
192.251	8.463205	130.5	0.173205
192.501	8.461127	130.75	0.171127
192.751	8.460916	131	0.170916
193.001	8.461193	131.25	0.171193
193.251	8.459908	131.5	0.169908
193.501	8.460268	131.75	0.170268
193.751	8.461127	132	0.171127
194.001	8.459832	132.25	0.169832
194.251	8.459832	132.5	0.169832
194.501	8.460198	132.75	0.170198
194.751	8.461048	133	0.171048
195.001	8.460198	133.25	0.170198
195.251	8.459599	133.5	0.169599
195.501	8.459529	133.75	0.169529
195.751	8.459259	134	0.169259
196.001	8.45744	134.25	0.16744
196.251	8.458089	134.5	0.168089
196.501	8.455565	134.75	0.165565
196.751	8.460586	135	0.170586
197.001	8.455808	135.25	0.165808
197.251	8.456499	135.5	0.166499
197.501	8.455221	135.75	0.165221
197.751	8.456587	136	0.166587
198.001	8.455565	136.25	0.165565
198.251	8.45442	136.5	0.16442
198.501	8.454055	136.75	0.164055
198.751	8.454922	137	0.164922
199.001	8.456305	137.25	0.166305
199.251	8.452539	137.5	0.162539

199.501	8.45442	137.75	0.16442
199.751	8.452703	138	0.162703
200.001	8.452759	138.25	0.162759
200.251	8.452403	138.5	0.162403
200.501	8.453258	138.75	0.163258
200.751	8.452315	139	0.162315
201.001	8.452839	139.25	0.162839
201.251	8.452116	139.5	0.162116
201.501	8.450514	139.75	0.160514
201.751	8.451897	140	0.161897
202.001	8.451698	140.25	0.161698
202.251	8.451245	140.5	0.161245
202.501	8.450667	140.75	0.160667
202.751	8.44843	141	0.15843
203.001	8.449892	141.25	0.159892
203.251	8.448078	141.5	0.158078
203.501	8.448831	141.75	0.158831
203.751	8.451222	142	0.161222
204.001	8.448215	142.25	0.158215
204.251	8.449096	142.5	0.159096
204.501	8.448576	142.75	0.158576
204.751	8.448078	143	0.158078
205.001	8.446925	143.25	0.156925
205.251	8.447412	143.5	0.157412
205.501	8.446925	143.75	0.156925
205.751	8.447647	144	0.157647
206.001	8.44722	144.25	0.15722
206.251	8.445841	144.5	0.155841
206.501	8.447286	144.75	0.157286
206.751	8.444683	145	0.154683
207.001	8.445141	145.25	0.155141
207.251	8.445841	145.5	0.155841
207.501	8.445691	145.75	0.155691
207.751	8.4434	146	0.1534
208.001	8.445691	146.25	0.155691
208.251	8.443035	146.5	0.153035
208.501	8.444613	146.75	0.154613
208.751	8.444899	147	0.154899
209.001	8.44404	147.25	0.15404
209.251	8.443749	147.5	0.153749
209.501	8.442516	147.75	0.152516
209.751	8.443035	148	0.153035
210.001	8.442894	148.25	0.152894
210.251	8.441433	148.5	0.151433
210.501	8.441895	148.75	0.151895
210.751	8.440151	149	0.150151
211.001	8.440596	149.25	0.150596

211.251	8.440429	149.5	0.150429
211.501	8.441085	149.75	0.151085
211.751	8.440653	150	0.150653
212.001	8.43942	150.25	0.14942
212.251	8.439573	150.5	0.149573
212.501	8.438772	150.75	0.148772
212.751	8.442459	151	0.152459
213.001	8.439359	151.25	0.149359
213.251	8.438345	151.5	0.148345
213.501	8.439573	151.75	0.149573
213.751	8.439248	152	0.149248
214.001	8.437632	152.25	0.147632
214.251	8.437258	152.5	0.147258
214.501	8.436769	152.75	0.146769
214.751	8.437258	153	0.147258
215.001	8.435677	153.25	0.145677
215.251	8.43561	153.5	0.14561
215.501	8.436835	153.75	0.146835
215.751	8.437192	154	0.147192
216.001	8.435404	154.25	0.145404
216.251	8.436187	154.5	0.146187
216.501	8.43433	154.75	0.14433
216.751	8.433964	155	0.143964
217.001	8.434883	155.25	0.144883
217.251	8.431928	155.5	0.141928
217.501	8.435236	155.75	0.145236
217.751	8.434016	156	0.144016
218.001	8.434236	156.25	0.144236
218.251	8.432796	156.5	0.142796
218.501	8.432524	156.75	0.142524
218.751	8.431928	157	0.141928
219.001	8.432651	157.25	0.142651
219.251	8.431849	157.5	0.141849
219.501	8.431928	157.75	0.141928
219.751	8.431995	158	0.141995
220.001	8.431562	158.25	0.141562
220.251	8.428845	158.5	0.138845
220.501	8.429978	158.75	0.139978
220.751	8.430854	159	0.140854
221.001	8.428608	159.25	0.138608
221.251	8.432524	159.5	0.142524
221.501	8.428106	159.75	0.138106
221.751	8.430502	160	0.140502
222.001	8.430268	160.25	0.140268
222.251	8.428917	160.5	0.138917
222.501	8.429493	160.75	0.139493
222.751	8.42667	161	0.13667

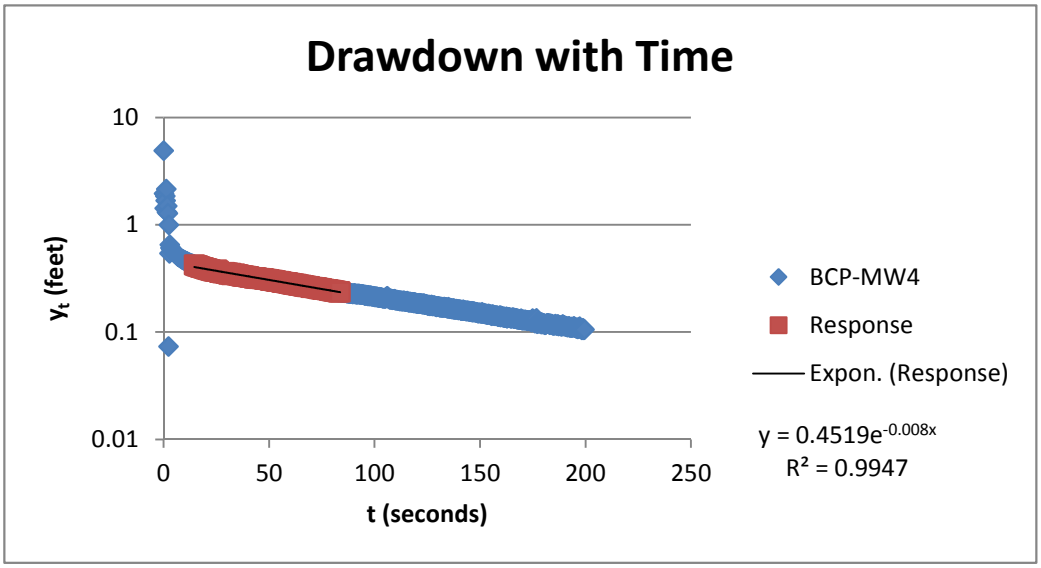
223.001	8.427119	161.25	0.137119
223.251	8.428748	161.5	0.138748
223.501	8.426037	161.75	0.136037
223.751	8.426741	162	0.136741
224.001	8.426534	162.25	0.136534
224.251	8.428917	162.5	0.138917
224.501	8.423657	162.75	0.133657
224.751	8.42667	163	0.13667
225.001	8.425966	163.25	0.135966
225.251	8.427119	163.5	0.137119
225.501	8.427168	163.75	0.137168
225.751	8.425878	164	0.135878
226.003	8.424953	164.252	0.134953
226.251	8.425169	164.5	0.135169
226.501	8.424213	164.75	0.134213
226.751	8.424877	165	0.134877
227.001	8.425446	165.25	0.135446
227.251	8.42626	165.5	0.13626
227.501	8.426054	165.75	0.136054
227.751	8.423411	166	0.133411
228.001	8.424658	166.25	0.134658
228.251	8.423129	166.5	0.133129
228.501	8.424257	166.75	0.134257
228.751	8.423129	167	0.133129
229.001	8.424009	167.25	0.134009
229.251	8.421051	167.5	0.131051
229.501	8.423583	167.75	0.133583
229.751	8.421245	168	0.131245
230.001	8.421399	168.25	0.131399
230.251	8.420751	168.5	0.130751
230.501	8.421632	168.75	0.131632
230.751	8.421553	169	0.131553
231.001	8.420351	169.25	0.130351
231.251	8.4228	169.5	0.1328
231.501	8.42091	169.75	0.13091
231.751	8.418743	170	0.128743
232.001	8.419822	170.25	0.129822
232.251	8.419461	170.5	0.129461
232.501	8.41954	170.75	0.12954
232.751	8.419016	171	0.129016
233.001	8.419461	171.25	0.129461
233.251	8.419385	171.5	0.129385
233.501	8.418306	171.75	0.128306
233.751	8.418743	172	0.128743
234.001	8.418386	172.25	0.128386
234.251	8.416875	172.5	0.126875
234.501	8.417796	172.75	0.127796

234.751	8.417522	173	0.127522
235.001	8.417522	173.25	0.127522
235.251	8.417589	173.5	0.127589
235.501	8.417603	173.75	0.127603
235.751	8.415356	174	0.125356
236.001	8.415634	174.25	0.125634
236.251	8.413754	174.5	0.123754
236.501	8.422222	174.75	0.132222
236.751	8.423129	175	0.133129
237.001	8.421245	175.25	0.131245
237.251	8.418386	175.5	0.128386
237.501	8.413424	175.75	0.123424
237.751	8.410815	176	0.120815
238.001	8.412679	176.25	0.122679
238.251	8.420209	176.5	0.130209
238.501	8.423711	176.75	0.133711
238.751	8.409587	177	0.119587
239.001	8.413424	177.25	0.123424
239.251	8.41211	177.5	0.12211
239.501	8.412247	177.75	0.122247
239.751	8.410379	178	0.120379
240.001	8.412679	178.25	0.122679
240.251	8.413269	178.5	0.123269
240.501	8.411023	178.75	0.121023
240.751	8.4085	179	0.1185
241.001	8.412507	179.25	0.122507
241.251	8.409363	179.5	0.119363
241.501	8.41104	179.75	0.12104
241.751	8.408878	180	0.118878
242.001	8.409802	180.25	0.119802
242.251	8.409438	180.5	0.119438
242.501	8.406786	180.75	0.116786
242.751	8.406646	181	0.116646
243.001	8.408354	181.25	0.118354
243.251	8.409526	181.5	0.119526
243.501	8.409886	181.75	0.119886
243.751	8.409802	182	0.119802
244.001	8.410018	182.25	0.120018
244.251	8.409802	182.5	0.119802
244.501	8.409156	182.75	0.119156
244.751	8.406646	183	0.116646
245.001	8.40816	183.25	0.11816
245.251	8.408939	183.5	0.118939
245.501	8.407773	183.75	0.117773
245.751	8.4085	184	0.1185
246.001	8.407773	184.25	0.117773
246.251	8.405386	184.5	0.115386

246.501	8.405989	184.75	0.115989
246.751	8.40591	185	0.11591
247.001	8.405386	185.25	0.115386
247.251	8.406703	185.5	0.116703
247.501	8.408354	185.75	0.118354
247.751	8.40591	186	0.11591
248.001	8.405474	186.25	0.115474
248.251	8.405558	186.5	0.115558
248.501	8.407429	186.75	0.117429
248.751	8.406918	187	0.116918
249.001	8.403748	187.25	0.113748
249.251	8.405474	187.5	0.115474
249.501	8.404981	187.75	0.114981
249.751	8.404183	188	0.114183
250.001	8.403748	188.25	0.113748
250.251	8.403748	188.5	0.113748
250.501	8.4031	188.75	0.1131
250.751	8.405558	189	0.115558
251.001	8.408086	189.25	0.118086
251.251	8.404025	189.5	0.114025
251.501	8.405698	189.75	0.115698
251.753	8.404333	190.002	0.114333
252.001	8.40295	190.25	0.11295
252.251	8.403902	190.5	0.113902
252.501	8.402897	190.75	0.112897
252.751	8.402361	191	0.112361
253.001	8.401792	191.25	0.111792
253.258	8.401378	191.507	0.111378
253.501	8.402444	191.75	0.112444
253.751	8.401792	192	0.111792
254.001	8.4031	192.25	0.1131
254.251	8.400921	192.5	0.110921
254.501	8.400655	192.75	0.110655
254.751	8.400511	193	0.110511
255.001	8.40159	193.25	0.11159
255.251	8.400203	193.5	0.110203
255.501	8.400723	193.75	0.110723
255.751	8.40159	194	0.11159
256.001	8.400999	194.25	0.110999
256.278	8.402757	194.527	0.112757
256.5	8.401448	194.749	0.111448
256.751	8.399625	195	0.109625
257.001	8.399625	195.25	0.109625
257.251	8.398705	195.5	0.108705
257.501	8.398371	195.75	0.108371
257.751	8.399796	196	0.109796
258.001	8.397261	196.25	0.107261

258.251	8.398123	196.5	0.108123
258.501	8.398371	196.75	0.108371
258.751	8.40096	197	0.11096
259.007	8.402039	197.256	0.112039
259.251	8.397841	197.5	0.107841
259.501	8.398185	197.75	0.108185
259.751	8.396182	198	0.106182
260.001	8.394943	198.25	0.104943
260.251	8.396317	198.5	0.106317
260.501	8.398415	198.75	0.108415
260.751	8.397098	199	0.107098
261.001	8.394881	199.25	0.104881
261.251	8.395257	199.5	0.105257

BCP MW4 **Bouwer and Rice Slug-Test Method**



r_s = 1 inches =	0.083333	feet	
n_g =	0.3		
r_w = 3.8 inches =	0.316667	feet	
r_c =	0.186934	feet	
L = 19.6 ft. bgs[1] - 11.56 ft. BTOC[2] + 0.24 ft.[3]	8.28	feet	
H =	8.28	feet	
D = 45 ft. bgs - 11.56 ft. BTOC + 0.24 ft.	33.68	feet	

$\ln[(D-H)/r_w]$ =			4.384655
L/r_w =			26.14737
A =	2	$\ln(R_e/r_w)$ =	2.010574
B =	0.5		
slope =	0.008	/sec	

K =	3.39E-05	ft/sec
K =	2.932524	ft/day
K =	**2.9**	**ft/day**

[1] = Refer to well construction

[2] = Static water level before slug test

[3] = Elevation of ground surface minus elevation of top of casing

BCP-MW5 Data

Date and Time	Elapsed Time Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)*
6/26/2013 14:29	0	3.888517	17.119324	8.978466
6/26/2013 14:29	0.25	3.88871	17.132782	8.978911
6/26/2013 14:29	0.5	3.887835	17.141907	8.97689
6/26/2013 14:29	0.75	3.887835	17.141449	8.97689
6/26/2013 14:29	1	3.88777	17.142365	8.97674
6/26/2013 14:29	1.25	3.887028	17.144775	8.975026
6/26/2013 14:29	1.5	3.886709	17.139954	8.974291
6/26/2013 14:29	1.75	3.887424	17.138062	8.975943
6/26/2013 14:29	2	3.889767	17.135193	8.981351
6/26/2013 14:29	2.25	3.887394	17.131348	8.975872
6/26/2013 14:29	2.5	3.887087	17.125549	8.975163
6/26/2013 14:29	2.75	3.88781	17.121246	8.976831
6/26/2013 14:29	3	3.887403	17.115479	8.975894
6/26/2013 14:29	3.25	3.886534	17.111145	8.973886
6/26/2013 14:29	3.5	3.88759	17.102997	8.976326
6/26/2013 14:29	3.75	3.886961	17.09964	8.974873
6/26/2013 14:29	4	3.887117	17.092896	8.975234
6/26/2013 14:29	4.25	3.887529	17.091431	8.976185
6/26/2013 14:29	4.5	3.887335	17.082794	8.975736
6/26/2013 14:29	4.75	3.887558	17.078979	8.976251
6/26/2013 14:29	5	3.887117	17.071259	8.975234
6/26/2013 14:29	5.25	3.886534	17.066956	8.973886
6/26/2013 14:29	5.5	3.886839	17.059265	8.97459
6/26/2013 14:29	5.75	3.885778	17.053467	8.972142
6/26/2013 14:29	6	3.886658	17.047272	8.974173
6/26/2013 14:29	6.25	3.886362	17.042908	8.97349
6/26/2013 14:29	6.5	3.887062	17.034271	8.975106
6/26/2013 14:29	6.75	3.886362	17.030884	8.97349
6/26/2013 14:29	7	3.886681	17.02417	8.974226
6/26/2013 14:29	7.25	3.886497	17.020813	8.973803
6/26/2013 14:29	7.5	3.886778	17.01358	8.97445
6/26/2013 14:29	7.75	3.887205	17.008331	8.975435
6/26/2013 14:29	8	3.886211	17.002533	8.973142
6/26/2013 14:29	8.25	3.887871	16.993927	8.976973
6/26/2013 14:29	8.5	3.885962	16.989105	8.972565
6/26/2013 14:29	8.75	3.886431	16.984772	8.973648
6/26/2013 14:29	9	3.886534	16.980469	8.973886
6/26/2013 14:29	9.25	3.885599	16.971313	8.971728
6/26/2013 14:29	9.5	3.886179	16.968933	8.973066
6/26/2013 14:29	9.75	3.885998	16.960266	8.972649

6/26/2013 14:29	10	3.885906	16.95401	8.972437
6/26/2013 14:29	10.25	3.887144	16.950165	8.975295
6/26/2013 14:29	10.5	3.886465	16.943939	8.973727
6/26/2013 14:29	10.75	3.886658	16.937225	8.974173
6/26/2013 14:29	11	3.88781	16.931458	8.976831
6/26/2013 14:29	11.25	3.887089	16.924225	8.975167
6/26/2013 14:29	11.5	3.887619	16.919922	8.976392
6/26/2013 14:29	11.75	3.886658	16.913208	8.974173
6/26/2013 14:29	12	3.887928	16.908844	8.977105
6/26/2013 14:29	12.25	3.886875	16.903564	8.974674
6/26/2013 14:29	12.5	3.885504	16.89975	8.971507
6/26/2013 14:29	12.75	3.891666	16.890625	8.985737
6/26/2013 14:29	13	3.885815	16.885834	8.972225
6/26/2013 14:29	13.25	3.886362	16.878601	8.97349
6/26/2013 14:29	13.5	3.88846	16.873352	8.978333
6/26/2013 14:29	13.75	3.893049	16.86853	8.988931
6/26/2013 14:29	14	3.879732	16.866119	8.95818
6/26/2013 14:29	14.25	4.063318	16.856537	9.382076
6/26/2013 14:29	14.5	4.33387	16.84787	10.006771
6/26/2013 14:29	14.75	4.542118	16.84787	10.48761
6/26/2013 14:29	15	5.054317	16.839233	11.670261
6/26/2013 14:29	15.251	5.724325	16.834412	13.217289
6/26/2013 14:29	15.501	5.004826	16.827209	11.555986
6/26/2013 14:29	15.751	4.287651	16.825287	9.900053
6/26/2013 14:29	16.001	4.711132	16.819061	10.877858
6/26/2013 14:29	16.251	4.842222	16.811371	11.180541
6/26/2013 14:29	16.501	4.294096	16.804657	9.914935
6/26/2013 14:29	16.751	4.502346	16.800812	10.395778
6/26/2013 14:29	17.001	4.84553	16.794067	11.188177
6/26/2013 14:29	17.251	3.633682	16.788818	8.39006
6/26/2013 14:29	17.501	3.630501	16.78302	8.382714
6/26/2013 14:29	17.751	4.466255	16.777771	10.312446
6/26/2013 14:29	18.001	4.404385	16.772949	10.169587
6/26/2013 14:29	18.251	3.830944	16.766724	8.843331
6/26/2013 14:29	18.501	4.039848	16.760468	9.327885
6/26/2013 14:29	18.751	4.353846	16.758545	10.052895
6/26/2013 14:29	19.001	4.088127	16.748474	9.439359
6/26/2013 14:29	19.251	3.968082	16.745575	9.16218
6/26/2013 14:29	19.501	4.199238	16.739807	9.69591
6/26/2013 14:29	19.751	4.179565	16.733582	9.650487
6/26/2013 14:29	20.001	4.024918	16.729248	9.29341
6/26/2013 14:29	20.251	4.110207	16.7211	9.49034
6/26/2013 14:29	20.501	4.173923	16.717712	9.63746
6/26/2013 14:29	20.75	4.080988	16.711029	9.422874
6/26/2013 14:29	21	4.082739	16.707184	9.426917
6/26/2013 14:29	21.25	4.14484	16.699982	9.570308
6/26/2013 14:29	21.5	4.109169	16.694214	9.487944

6/26/2013 14:29	21.75	4.08321	16.689911	9.428005
6/26/2013 14:29	22	4.122608	16.68222	9.518974
6/26/2013 14:29	22.25	4.116497	16.677399	9.504864
6/26/2013 14:29	22.5	4.092066	16.674042	9.448453
6/26/2013 14:29	22.75	4.109932	16.66684	9.489706
6/26/2013 14:29	23	4.116497	16.663483	9.504864
6/26/2013 14:29	23.25	4.09985	16.658203	9.466426
6/26/2013 14:29	23.5	4.105566	16.650513	9.479626
6/26/2013 14:29	23.75	4.113697	16.645233	9.498399
6/26/2013 14:29	24	4.104343	16.641418	9.476802
6/26/2013 14:29	24.25	4.103901	16.635162	9.47578
6/26/2013 14:29	24.5	4.110863	16.629425	9.491855
6/26/2013 14:29	24.75	4.107182	16.62796	9.483356
6/26/2013 14:29	25	4.10409	16.620758	9.476215
6/26/2013 14:29	25.25	4.108175	16.613098	9.48565
6/26/2013 14:29	25.5	4.107092	16.610199	9.483148
6/26/2013 14:29	25.75	4.104303	16.603027	9.476709
6/26/2013 14:29	26	4.106894	16.597717	9.48269
6/26/2013 14:29	26.25	4.106836	16.594391	9.482557
6/26/2013 14:29	26.5	4.10503	16.587158	9.478387
6/26/2013 14:29	26.75	4.106062	16.583344	9.480769
6/26/2013 14:29	27	4.106537	16.578552	9.481866
6/26/2013 14:29	27.25	4.106308	16.572754	9.481338
6/26/2013 14:29	27.5	4.105188	16.568939	9.478753
6/26/2013 14:29	27.751	4.106405	16.561249	9.481562
6/26/2013 14:29	28.001	4.106308	16.557404	9.481338
6/26/2013 14:29	28.251	4.104996	16.548767	9.478308
6/26/2013 14:29	28.501	4.106491	16.543976	9.481761
6/26/2013 14:29	28.751	4.104763	16.541107	9.477771
6/26/2013 14:29	29.001	4.105278	16.535828	9.47896
6/26/2013 14:29	29.251	4.10565	16.529572	9.479818
6/26/2013 14:29	29.501	4.105877	16.526215	9.480343
6/26/2013 14:29	29.751	4.105398	16.522888	9.479238
6/26/2013 14:29	30.001	4.105217	16.514221	9.478819
6/26/2013 14:29	30.251	4.10515	16.509918	9.478664
6/26/2013 14:29	30.501	4.104744	16.503632	9.477726
6/26/2013 14:29	30.751	4.105217	16.499847	9.478819
6/26/2013 14:29	31.001	4.105906	16.495483	9.480409
6/26/2013 14:29	31.251	4.104719	16.490692	9.477669
6/26/2013 14:29	31.501	4.104189	16.48349	9.476445
6/26/2013 14:29	31.751	4.105877	16.477295	9.480343
6/26/2013 14:29	32.001	4.105877	16.474854	9.480343
6/26/2013 14:29	32.251	4.103823	16.469147	9.4756
6/26/2013 14:29	32.501	4.104744	16.462372	9.477726
6/26/2013 14:29	32.751	4.104719	16.458099	9.477669
6/26/2013 14:29	33.001	4.104652	16.453278	9.477515
6/26/2013 14:29	33.251	4.103775	16.446594	9.47549

6/26/2013 14:29	33.5	4.10355	16.443207	9.47497
6/26/2013 14:29	33.75	4.104849	16.438904	9.477969
6/26/2013 14:29	34	4.103319	16.433624	9.474437
6/26/2013 14:29	34.25	4.104019	16.427399	9.476053
6/26/2013 14:29	34.5	4.103786	16.423553	9.475516
6/26/2013 14:29	34.75	4.104303	16.417786	9.476709
6/26/2013 14:29	35	4.103453	16.41153	9.474746
6/26/2013 14:29	35.25	4.10342	16.406281	9.474669
6/26/2013 14:29	35.5	4.103823	16.401459	9.4756
6/26/2013 14:29	35.75	4.103573	16.40097	9.475022
6/26/2013 14:29	36	4.104565	16.393311	9.477313
6/26/2013 14:29	36.25	4.103073	16.388031	9.473868
6/26/2013 14:29	36.5	4.103878	16.382294	9.475727
6/26/2013 14:29	36.75	4.103573	16.37796	9.475022
6/26/2013 14:29	37	4.103474	16.374603	9.474793
6/26/2013 14:29	37.25	4.10248	16.366943	9.472499
6/26/2013 14:29	37.5	4.104149	16.363098	9.476353
6/26/2013 14:29	37.75	4.103167	16.358765	9.474085
6/26/2013 14:29	38	4.104401	16.353973	9.476933
6/26/2013 14:29	38.25	4.10355	16.348236	9.47497
6/26/2013 14:29	38.5	4.104303	16.343903	9.476709
6/26/2013 14:29	38.75	4.103573	16.338165	9.475022
6/26/2013 14:29	39	4.10248	16.334808	9.472499
6/26/2013 14:29	39.25	4.102924	16.328583	9.473526
6/26/2013 14:29	39.5	4.104441	16.323273	9.477027
6/26/2013 14:29	39.75	4.102978	16.32135	9.473648
6/26/2013 14:29	40	4.102894	16.314178	9.473455
6/26/2013 14:29	40.25	4.102577	16.310822	9.472724
6/26/2013 14:29	40.501	4.103395	16.303131	9.474613
6/26/2013 14:29	40.751	4.103167	16.29834	9.474085
6/26/2013 14:29	41.001	4.103237	16.296448	9.474248
6/26/2013 14:29	41.251	4.102634	16.2883	9.472856
6/26/2013 14:29	41.501	4.103878	16.283936	9.475727
6/26/2013 14:29	41.751	4.10276	16.279633	9.473147
6/26/2013 14:29	42.001	4.103464	16.27533	9.474771
6/26/2013 14:29	42.251	4.102709	16.268127	9.473027
6/26/2013 14:29	42.501	4.102238	16.266205	9.47194
6/26/2013 14:29	42.751	4.102013	16.261902	9.47142
6/26/2013 14:29	43.001	4.102634	16.254242	9.472856
6/26/2013 14:29	43.251	4.10236	16.249908	9.472221
6/26/2013 14:29	43.501	4.102394	16.247498	9.472301
6/26/2013 14:29	43.751	4.102524	16.237915	9.4726
6/26/2013 14:29	44.001	4.102297	16.236511	9.472076
6/26/2013 14:29	44.251	4.102325	16.230255	9.472142
6/26/2013 14:29	44.501	4.10248	16.22641	9.472499
6/26/2013 14:29	44.751	4.101202	16.222595	9.469549
6/26/2013 14:29	45.001	4.1017	16.219696	9.470697

6/26/2013 14:29	45.251	4.102976	16.21106	9.473643
6/26/2013 14:29	45.501	4.102739	16.207214	9.473098
6/26/2013 14:29	45.751	4.101608	16.201477	9.470487
6/26/2013 14:30	46	4.100958	16.2005	9.468985
6/26/2013 14:30	46.25	4.102551	16.193329	9.472662
6/26/2013 14:30	46.5	4.10248	16.192352	9.472499
6/26/2013 14:30	46.75	4.101547	16.185181	9.470345
6/26/2013 14:30	47	4.101456	16.180389	9.470135
6/26/2013 14:30	47.25	4.100647	16.177032	9.468266
6/26/2013 14:30	47.5	4.101292	16.171265	9.469755
6/26/2013 14:30	47.75	4.101831	16.167938	9.471003
6/26/2013 14:30	48	4.101271	16.15979	9.469707
6/26/2013 14:30	48.25	4.101803	16.155914	9.470936
6/26/2013 14:30	48.5	4.101925	16.15448	9.471217
6/26/2013 14:30	48.75	4.101679	16.148254	9.47065
6/26/2013 14:30	49	4.10236	16.143982	9.472221
6/26/2013 14:30	49.25	4.101582	16.13916	9.470425
6/26/2013 14:30	49.5	4.101738	16.133423	9.470786
6/26/2013 14:30	49.75	4.102394	16.131012	9.472301
6/26/2013 14:30	50	4.102144	16.124786	9.471725
6/26/2013 14:30	50.25	4.101292	16.119995	9.469755
6/26/2013 14:30	50.5	4.100176	16.115204	9.467179
6/26/2013 14:30	50.75	4.100647	16.111359	9.468266
6/26/2013 14:30	51	4.101645	16.106567	9.47057
6/26/2013 14:30	51.25	4.101271	16.103699	9.469707
6/26/2013 14:30	51.5	4.102051	16.097931	9.471507
6/26/2013 14:30	51.75	4.102613	16.092163	9.472808
6/26/2013 14:30	52	4.10186	16.089294	9.471067
6/26/2013 14:30	52.25	4.1017	16.086426	9.470697
6/26/2013 14:30	52.5	4.101027	16.081635	9.469143
6/26/2013 14:30	52.75	4.102114	16.073486	9.471654
6/26/2013 14:30	53.001	4.101608	16.073975	9.470487
6/26/2013 14:30	53.251	4.101271	16.066772	9.469707
6/26/2013 14:30	53.501	4.101271	16.059601	9.469707
6/26/2013 14:30	53.751	4.10276	16.061493	9.473147
6/26/2013 14:30	54.001	4.101423	16.052399	9.470059
6/26/2013 14:30	54.251	4.101086	16.050476	9.469279
6/26/2013 14:30	54.501	4.101767	16.047119	9.470852
6/26/2013 14:30	54.751	4.101116	16.04187	9.46935
6/26/2013 14:30	55.001	4.10136	16.038025	9.469913
6/26/2013 14:30	55.251	4.101336	16.028412	9.469856
6/26/2013 14:30	55.501	4.100647	16.027008	9.468266
6/26/2013 14:30	55.751	4.100021	16.024628	9.466822
6/26/2013 14:30	56.001	4.101496	16.017395	9.470227
6/26/2013 14:30	56.251	4.100925	16.015991	9.468909
6/26/2013 14:30	56.501	4.100357	16.011627	9.467597
6/26/2013 14:30	56.751	4.101271	16.006378	9.469707

6/26/2013 14:30	57.001	4.101086	16.003967	9.469279
6/26/2013 14:30	57.251	4.100986	15.998718	9.46905
6/26/2013 14:30	57.501	4.100557	15.991547	9.46806
6/26/2013 14:30	57.751	4.100273	15.992981	9.467403
6/26/2013 14:30	58.001	4.101645	15.984375	9.47057
6/26/2013 14:30	58.251	4.099581	15.978638	9.465805
6/26/2013 14:30	58.501	4.101183	15.97525	9.469504
6/26/2013 14:30	58.75	4.100647	15.970947	9.468266
6/26/2013 14:30	59	4.100647	15.969025	9.468266
6/26/2013 14:30	59.25	4.100557	15.963257	9.46806
6/26/2013 14:30	59.5	4.100834	15.95993	9.468699
6/26/2013 14:30	59.75	4.100676	15.954651	9.468332
6/26/2013 14:30	60	4.100769	15.949371	9.468549
6/26/2013 14:30	60.25	4.099779	15.94458	9.466264
6/26/2013 14:30	60.5	4.100712	15.943146	9.468416
6/26/2013 14:30	60.75	4.100529	15.939301	9.467994
6/26/2013 14:30	61	4.100676	15.933533	9.468332
6/26/2013 14:30	61.25	4.10087	15.932098	9.468782
6/26/2013 14:30	61.5	4.100986	15.927338	9.46905
6/26/2013 14:30	61.75	4.100176	15.919189	9.467179
6/26/2013 14:30	62	4.100958	15.918701	9.468985
6/26/2013 14:30	62.25	4.101027	15.912964	9.469143
6/26/2013 14:30	62.5	4.100212	15.910065	9.467262
6/26/2013 14:30	62.75	4.100494	15.904816	9.467915
6/26/2013 14:30	63	4.099735	15.899994	9.466162
6/26/2013 14:30	63.25	4.099869	15.895691	9.46647
6/26/2013 14:30	63.5	4.10087	15.893311	9.468782
6/26/2013 14:30	63.75	4.100494	15.889496	9.467915
6/26/2013 14:30	64	4.100676	15.882782	9.468332
6/26/2013 14:30	64.25	4.100494	15.877502	9.467915
6/26/2013 14:30	64.5	4.099648	15.874634	9.46596
6/26/2013 14:30	64.75	4.09968	15.872711	9.466034
6/26/2013 14:30	65	4.099993	15.867462	9.466756
6/26/2013 14:30	65.25	4.100357	15.864075	9.467597
6/26/2013 14:30	65.5	4.100273	15.858337	9.467403
6/26/2013 14:30	65.751	4.100332	15.856415	9.46754
6/26/2013 14:30	66.001	4.098885	15.850189	9.464198
6/26/2013 14:30	66.251	4.100245	15.850677	9.467338
6/26/2013 14:30	66.501	4.099993	15.842041	9.466756
6/26/2013 14:30	66.751	4.100212	15.839661	9.467262
6/26/2013 14:30	67.001	4.099401	15.837769	9.465391
6/26/2013 14:30	67.251	4.099932	15.832001	9.466616
6/26/2013 14:30	67.501	4.100212	15.826721	9.467262
6/26/2013 14:30	67.751	4.09968	15.825287	9.466034
6/26/2013 14:30	68.001	4.098938	15.818085	9.46432
6/26/2013 14:30	68.251	4.099525	15.814758	9.465677
6/26/2013 14:30	68.501	4.098782	15.809967	9.46396

6/26/2013 14:30	68.751	4.100021	15.807098	9.466822
6/26/2013 14:30	69.001	4.100407	15.804688	9.467712
6/26/2013 14:30	69.251	4.099426	15.802307	9.465448
6/26/2013 14:30	69.501	4.099108	15.794189	9.464713
6/26/2013 14:30	69.751	4.099401	15.79129	9.465391
6/26/2013 14:30	70.001	4.099993	15.787933	9.466756
6/26/2013 14:30	70.251	4.100332	15.781677	9.46754
6/26/2013 14:30	70.501	4.100119	15.778839	9.467048
6/26/2013 14:30	70.751	4.099367	15.775482	9.465312
6/26/2013 14:30	71.001	4.099401	15.769745	9.465391
6/26/2013 14:30	71.25	4.099491	15.768768	9.465598
6/26/2013 14:30	71.5	4.099028	15.762543	9.464528
6/26/2013 14:30	71.75	4.09968	15.75827	9.466034
6/26/2013 14:30	72	4.099152	15.758728	9.464814
6/26/2013 14:30	72.25	4.099648	15.751556	9.46596
6/26/2013 14:30	72.5	4.09947	15.749146	9.465549
6/26/2013 14:30	72.75	4.099054	15.7453	9.464589
6/26/2013 14:30	73	4.099339	15.739075	9.465245
6/26/2013 14:30	73.25	4.099869	15.734772	9.46647
6/26/2013 14:30	73.5	4.098957	15.732361	9.464364
6/26/2013 14:30	73.75	4.099028	15.729004	9.464528
6/26/2013 14:30	74	4.099108	15.726135	9.464713
6/26/2013 14:30	74.25	4.099152	15.722351	9.464814
6/26/2013 14:30	74.5	4.0986	15.714203	9.463541
6/26/2013 14:30	74.75	4.098129	15.713226	9.462453
6/26/2013 14:30	75	4.098495	15.710815	9.463299
6/26/2013 14:30	75.25	4.098843	15.707001	9.464101
6/26/2013 14:30	75.5	4.099993	15.703186	9.466756
6/26/2013 14:30	75.75	4.099426	15.699341	9.465448
6/26/2013 14:30	76	4.099054	15.693604	9.464589
6/26/2013 14:30	76.25	4.099054	15.690704	9.464589
6/26/2013 14:30	76.5	4.098627	15.685944	9.463602
6/26/2013 14:30	76.75	4.099556	15.682587	9.465748
6/26/2013 14:30	77	4.098171	15.68161	9.46255
6/26/2013 14:30	77.25	4.098627	15.675873	9.463602
6/26/2013 14:30	77.5	4.098684	15.67157	9.463736
6/26/2013 14:30	77.75	4.099028	15.668671	9.464528
6/26/2013 14:30	78	4.098782	15.665833	9.46396
6/26/2013 14:30	78.251	4.0984	15.66153	9.463079
6/26/2013 14:30	78.501	4.098444	15.656708	9.46318
6/26/2013 14:30	78.751	4.098627	15.651947	9.463602
6/26/2013 14:30	78.996	4.098574	15.655273	9.46348
6/26/2013 14:30	79.251	4.097689	15.647156	9.461436
6/26/2013 14:30	79.501	4.098587	15.642365	9.463511
6/26/2013 14:30	79.751	4.097839	15.640411	9.461783
6/26/2013 14:30	80.001	4.098715	15.634216	9.463806
6/26/2013 14:30	80.251	4.098806	15.632782	9.464017

6/26/2013 14:30	80.501	4.098536	15.628479	9.463391
6/26/2013 14:30	80.751	4.097139	15.622742	9.460168
6/26/2013 14:30	81.001	4.097046	15.619873	9.459952
6/26/2013 14:30	81.251	4.098495	15.617004	9.463299
6/26/2013 14:30	81.501	4.098536	15.612213	9.463391
6/26/2013 14:30	81.751	4.097591	15.610291	9.461211
6/26/2013 14:30	82.001	4.098436	15.607391	9.463162
6/26/2013 14:30	82.251	4.097075	15.602142	9.460018
6/26/2013 14:30	82.501	4.097479	15.599731	9.460952
6/26/2013 14:30	82.751	4.098337	15.595917	9.462933
6/26/2013 14:30	83.001	4.097816	15.595917	9.461731
6/26/2013 14:30	83.251	4.098	15.587769	9.462153
6/26/2013 14:30	83.501	4.098	15.582031	9.462153
6/26/2013 14:30	83.751	4.096323	15.581543	9.458283
6/26/2013 14:30	84	4.098179	15.578674	9.462568
6/26/2013 14:30	84.25	4.098806	15.576782	9.464017
6/26/2013 14:30	84.5	4.097353	15.569122	9.460661
6/26/2013 14:30	84.75	4.098219	15.568634	9.462661
6/26/2013 14:30	85	4.097233	15.564789	9.460383
6/26/2013 14:30	85.25	4.097569	15.565308	9.461159
6/26/2013 14:30	85.5	4.097689	15.556671	9.461436
6/26/2013 14:30	85.75	4.097507	15.555725	9.461018
6/26/2013 14:30	86	4.096798	15.549988	9.459379
6/26/2013 14:30	86.25	4.098219	15.548523	9.462661
6/26/2013 14:30	86.5	4.097738	15.544708	9.461551
6/26/2013 14:30	86.75	4.097839	15.540405	9.461783
6/26/2013 14:30	87	4.098436	15.536072	9.463162
6/26/2013 14:30	87.25	4.096798	15.533234	9.459379
6/26/2013 14:30	87.5	4.098843	15.529388	9.464101
6/26/2013 14:30	87.75	4.098179	15.527954	9.462568
6/26/2013 14:30	88	4.096762	15.522675	9.459296
6/26/2013 14:30	88.25	4.0973	15.520294	9.460538
6/26/2013 14:30	88.5	4.096859	15.515503	9.45952
6/26/2013 14:30	88.75	4.097816	15.513123	9.461731
6/26/2013 14:30	89	4.097712	15.5112	9.46149
6/26/2013 14:30	89.25	4.096708	15.507843	9.459172
6/26/2013 14:30	89.5	4.098129	15.503052	9.462453
6/26/2013 14:30	89.75	4.097233	15.500702	9.460383
6/26/2013 14:30	90	4.097746	15.495392	9.461569
6/26/2013 14:30	90.25	4.097778	15.491577	9.461643
6/26/2013 14:30	90.5	4.173597	15.489655	9.636707
6/26/2013 14:30	90.75	4.099339	15.486328	9.465245
6/26/2013 14:30	91.001	4.105137	15.484406	9.478634
6/26/2013 14:30	91.251	4.134718	15.480103	9.546935
6/26/2013 14:30	91.496	4.117445	15.476715	9.507052
6/26/2013 14:30	91.751	4.100819	15.472443	9.468663
6/26/2013 14:30	92.001	4.126238	15.46814	9.527355

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6/26/2013 14:30	92.501	4.105776	15.458557	9.480108
6/26/2013 14:30	92.751	4.117474	15.458069	9.507119
6/26/2013 14:30	93.001	4.122402	15.4552	9.518499
6/26/2013 14:30	93.251	4.109749	15.45282	9.489283
6/26/2013 14:30	93.501	4.112408	15.447571	9.495422
6/26/2013 14:30	93.751	4.117233	15.44516	9.506564
6/26/2013 14:30	94.001	4.117512	15.442749	9.507207
6/26/2013 14:30	94.251	4.09701	15.438934	9.459868
6/26/2013 14:30	94.501	4.114059	15.434143	9.499236
6/26/2013 14:30	94.751	4.110464	15.433197	9.490933
6/26/2013 14:30	95.001	4.094364	15.430359	9.45376
6/26/2013 14:30	95.251	4.101183	15.425507	9.469504
6/26/2013 14:30	95.501	4.107111	15.424103	9.483191
6/26/2013 14:30	95.751	4.095892	15.418365	9.457288
6/26/2013 14:30	96.001	4.089787	15.416473	9.443191
6/26/2013 14:30	96.251	4.094429	15.413574	9.45391
6/26/2013 14:30	96.5	4.101965	15.409271	9.47131
6/26/2013 14:30	96.75	4.091814	15.406403	9.447871
6/26/2013 14:30	97	4.081125	15.402557	9.423192
6/26/2013 14:30	97.25	4.093718	15.400665	9.452268
6/26/2013 14:30	97.5	4.095394	15.395874	9.456139
6/26/2013 14:30	97.75	4.086889	15.393951	9.436502
6/26/2013 14:30	98	4.092125	15.391083	9.448589
6/26/2013 14:30	98.25	4.095087	15.38681	9.455429
6/26/2013 14:30	98.5	4.089506	15.385345	9.442543
6/26/2013 14:30	98.75	4.092213	15.382019	9.448792
6/26/2013 14:30	99	4.095173	15.378662	9.455626
6/26/2013 14:30	99.25	4.092245	15.376251	9.448868
6/26/2013 14:30	99.5	4.091345	15.372437	9.446789
6/26/2013 14:30	99.75	4.093615	15.367676	9.452029
6/26/2013 14:30	100	4.092279	15.365234	9.448947
6/26/2013 14:30	100.25	4.092028	15.363342	9.448365
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6/26/2013 14:30	100.75	4.093897	15.356628	9.452681
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6/26/2013 14:30	101.25	4.093184	15.349945	9.451034
6/26/2013 14:30	101.5	4.093681	15.346588	9.452184
6/26/2013 14:30	101.75	4.093313	15.342773	9.451333
6/26/2013 14:30	102	4.093086	15.339874	9.450809
6/26/2013 14:30	102.25	4.093054	15.338501	9.450734
6/26/2013 14:30	102.5	4.092777	15.334167	9.450096
6/26/2013 14:30	102.75	4.09243	15.332245	9.449294
6/26/2013 14:30	103	4.093718	15.328888	9.452268
6/26/2013 14:30	103.25	4.09359	15.326019	9.451972
6/26/2013 14:30	103.501	4.106112	15.321259	9.480884
6/26/2013 14:30	103.751	4.104992	15.31839	9.478299

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6/26/2013 14:30	104.251	4.087507	15.311188	9.437928
6/26/2013 14:30	104.501	4.095892	15.309753	9.457288
6/26/2013 14:30	104.751	4.094244	15.308807	9.453482
6/26/2013 14:30	105.001	4.090843	15.30069	9.44563
6/26/2013 14:30	105.251	4.090813	15.301666	9.44556
6/26/2013 14:30	105.501	4.094858	15.298767	9.454901
6/26/2013 14:30	105.751	4.091219	15.293976	9.446498
6/26/2013 14:31	106.001	4.091434	15.290619	9.446995
6/26/2013 14:31	106.251	4.094301	15.288727	9.453615
6/26/2013 14:31	106.501	4.092806	15.285339	9.450162
6/26/2013 14:31	106.751	4.092403	15.281525	9.449232
6/26/2013 14:31	107.001	4.093897	15.28009	9.452681
6/26/2013 14:31	107.251	4.093555	15.276276	9.451893
6/26/2013 14:31	107.501	4.092066	15.272949	9.448453
6/26/2013 14:31	107.751	4.093555	15.272949	9.451893
6/26/2013 14:31	108.001	4.093218	15.269104	9.451113
6/26/2013 14:31	108.251	4.092564	15.263855	9.449602
6/26/2013 14:31	108.501	4.093933	15.261444	9.452765
6/26/2013 14:31	108.751	4.093521	15.261932	9.451813
6/26/2013 14:31	109.001	4.092529	15.255249	9.449523
6/26/2013 14:31	109.25	4.093933	15.251892	9.452765
6/26/2013 14:31	109.5	4.093897	15.250946	9.452681
6/26/2013 14:31	109.75	4.096727	15.248077	9.459216
6/26/2013 14:31	110	4.090719	15.24472	9.445344
6/26/2013 14:31	110.25	4.091619	15.241364	9.447423
6/26/2013 14:31	110.5	4.095488	15.237091	9.456353
6/26/2013 14:31	110.75	4.093119	15.23468	9.450885
6/26/2013 14:31	111	4.091146	15.231354	9.44633
6/26/2013 14:31	111.25	4.093863	15.229889	9.452601
6/26/2013 14:31	111.5	4.09412	15.226074	9.453197
6/26/2013 14:31	111.75	4.098824	15.221771	9.464057
6/26/2013 14:31	112	4.112688	15.221283	9.49607
6/26/2013 14:31	112.25	4.108051	15.217926	9.485363
6/26/2013 14:31	112.5	4.101002	15.217926	9.469086
6/26/2013 14:31	112.75	4.109663	15.215546	9.489084
6/26/2013 14:31	113	4.140331	15.2117	9.559896
6/26/2013 14:31	113.25	4.144106	15.207428	9.568612
6/26/2013 14:31	113.5	4.056255	15.205505	9.365767
6/26/2013 14:31	113.75	4.140574	15.201691	9.560456
6/26/2013 14:31	114	4.085545	15.196869	9.433396
6/26/2013 14:31	114.25	4.097738	15.198822	9.461551
6/26/2013 14:31	114.5	4.120569	15.192108	9.514266
6/26/2013 14:31	114.75	4.07863	15.19165	9.417431
6/26/2013 14:31	115	4.071276	15.187805	9.40045
6/26/2013 14:31	115.25	4.102682	15.185425	9.472965
6/26/2013 14:31	115.5	4.092588	15.182098	9.44966

6/26/2013 14:31	115.75	4.078407	15.178741	9.416916
6/26/2013 14:31	116	4.095924	15.176788	9.457362
6/26/2013 14:31	116.251	4.09527	15.172516	9.455852
6/26/2013 14:31	116.501	4.083456	15.168701	9.428575
6/26/2013 14:31	116.75	4.091469	15.168701	9.447074
6/26/2013 14:31	117.001	4.094898	15.16629	9.454992
6/26/2013 14:31	117.251	4.087729	15.161041	9.438438
6/26/2013 14:31	117.501	4.090569	15.15863	9.444997
6/26/2013 14:31	117.751	4.09359	15.15625	9.451972
6/26/2013 14:31	118.001	4.089664	15.15625	9.442909
6/26/2013 14:31	118.251	4.089787	15.151001	9.443191
6/26/2013 14:31	118.501	4.094206	15.147614	9.453395
6/26/2013 14:31	118.751	4.090971	15.143341	9.445925
6/26/2013 14:31	119.001	4.089405	15.143829	9.442309
6/26/2013 14:31	119.251	4.092997	15.140503	9.450603
6/26/2013 14:31	119.501	4.091869	15.13855	9.448
6/26/2013 14:31	119.751	4.089914	15.133301	9.443485
6/26/2013 14:31	120.001	4.091619	15.13092	9.447423
6/26/2013 14:31	120.251	4.092157	15.127075	9.448665
6/26/2013 14:31	120.501	4.090658	15.126587	9.445203
6/26/2013 14:31	120.751	4.091936	15.126587	9.448153
6/26/2013 14:31	121.001	4.092682	15.122314	9.449876
6/26/2013 14:31	121.251	4.091434	15.1185	9.446995
6/26/2013 14:31	121.501	4.091619	15.114624	9.447423
6/26/2013 14:31	121.75	4.092682	15.112732	9.449876
6/26/2013 14:31	122	4.092403	15.107513	9.449232
6/26/2013 14:31	122.25	4.091183	15.106049	9.446414
6/26/2013 14:31	122.5	4.092529	15.102264	9.449523
6/26/2013 14:31	122.75	4.091908	15.102264	9.448088
6/26/2013 14:31	123	4.091999	15.1008	9.448299
6/26/2013 14:31	123.25	4.091715	15.096008	9.447643
6/26/2013 14:31	123.5	4.09234	15.091675	9.449088
6/26/2013 14:31	123.75	4.091219	15.091675	9.446498
6/26/2013 14:31	124	4.091183	15.08786	9.446414
6/26/2013 14:31	124.25	4.092997	15.087402	9.450603
6/26/2013 14:31	124.5	4.091146	15.081207	9.44633
6/26/2013 14:31	124.75	4.092182	15.080231	9.448722
6/26/2013 14:31	125	4.091379	15.077362	9.446868
6/26/2013 14:31	125.25	4.091869	15.075928	9.448
6/26/2013 14:31	125.5	4.091469	15.071625	9.447074
6/26/2013 14:31	125.75	4.091658	15.07016	9.447511
6/26/2013 14:31	126	4.092621	15.068298	9.449736
6/26/2013 14:31	126.25	4.092125	15.063965	9.448589
6/26/2013 14:31	126.5	4.091183	15.064941	9.446414
6/26/2013 14:31	126.75	4.091999	15.059662	9.448299
6/26/2013 14:31	127	4.091379	15.054871	9.446868
6/26/2013 14:31	127.25	4.091963	15.056335	9.448215

6/26/2013 14:31	127.5	4.09243	15.053955	9.449294
6/26/2013 14:31	127.75	4.090971	15.049133	9.445925
6/26/2013 14:31	128	4.091379	15.045349	9.446868
6/26/2013 14:31	128.25	4.091219	15.046753	9.446498
6/26/2013 14:31	128.5	4.092621	15.042938	9.449736
6/26/2013 14:31	128.751	4.091528	15.039612	9.447211
6/26/2013 14:31	129.001	4.092714	15.038635	9.44995
6/26/2013 14:31	129.251	4.090906	15.027649	9.445776
6/26/2013 14:31	129.501	4.091936	15.031006	9.448153
6/26/2013 14:31	129.751	4.091936	15.029572	9.448153
6/26/2013 14:31	130.001	4.091496	15.026184	9.447136
6/26/2013 14:31	130.251	4.091146	15.022369	9.44633
6/26/2013 14:31	130.501	4.091434	15.020966	9.446995
6/26/2013 14:31	130.751	4.092157	15.020447	9.448665
6/26/2013 14:31	131.001	4.091743	15.014282	9.447708
6/26/2013 14:31	131.251	4.091936	15.012848	9.448153
6/26/2013 14:31	131.501	4.091564	15.010406	9.447295
6/26/2013 14:31	131.751	4.091908	15.008057	9.448088
6/26/2013 14:31	132.001	4.091118	15.005157	9.446264
6/26/2013 14:31	132.251	4.091564	15.003296	9.447295
6/26/2013 14:31	132.501	4.091219	15.001343	9.446498
6/26/2013 14:31	132.751	4.092279	14.996094	9.448947
6/26/2013 14:31	133.001	4.091528	14.995117	9.447211
6/26/2013 14:31	133.251	4.091469	14.993713	9.447074
6/26/2013 14:31	133.501	4.091089	14.98703	9.446198
6/26/2013 14:31	133.751	4.092157	14.988495	9.448665
6/26/2013 14:31	134.001	4.09046	14.985596	9.444745
6/26/2013 14:31	134.251	4.090492	14.983673	9.444819
6/26/2013 14:31	134.5	4.091345	14.981781	9.446789
6/26/2013 14:31	134.75	4.091118	14.97937	9.446264
6/26/2013 14:31	135	4.091715	14.975555	9.447643
6/26/2013 14:31	135.25	4.091379	14.974091	9.446868
6/26/2013 14:31	135.5	4.090906	14.96933	9.445776
6/26/2013 14:31	135.75	4.091528	14.967438	9.447211
6/26/2013 14:31	136	4.090906	14.964081	9.445776
6/26/2013 14:31	136.25	4.091089	14.962616	9.446198
6/26/2013 14:31	136.5	4.092806	14.960754	9.450162
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6/26/2013 14:31	137	4.091743	14.95929	9.447708
6/26/2013 14:31	137.25	4.091963	14.954041	9.448215
6/26/2013 14:31	137.5	4.091219	14.951202	9.446498
6/26/2013 14:31	137.75	4.091496	14.947815	9.447136
6/26/2013 14:31	138	4.09046	14.944977	9.444745
6/26/2013 14:31	138.25	4.091715	14.944489	9.447643
6/26/2013 14:31	138.5	4.091658	14.940674	9.447511
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6/26/2013 14:31	139	4.091785	14.93399	9.447805

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6/26/2013 14:31	140	4.091595	14.926788	9.447366
6/26/2013 14:31	140.25	4.091843	14.924927	9.447938
6/26/2013 14:31	140.5	4.091814	14.923462	9.447871
6/26/2013 14:31	140.75	4.091318	14.920105	9.446727
6/26/2013 14:31	141	4.091814	14.917725	9.447871
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6/26/2013 14:31	141.751	4.089739	14.907684	9.44308
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6/26/2013 14:31	142.501	4.091402	14.903412	9.446921
6/26/2013 14:31	142.751	4.091528	14.898621	9.447211
6/26/2013 14:31	143.001	4.090937	14.896698	9.445847
6/26/2013 14:31	143.251	4.090237	14.894775	9.44423
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6/26/2013 14:31	144.251	4.090113	14.884735	9.443943
6/26/2013 14:31	144.501	4.091595	14.884277	9.447366
6/26/2013 14:31	144.751	4.090237	14.881897	9.44423
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6/26/2013 14:31	145.501	4.090843	14.873291	9.44563
6/26/2013 14:31	145.751	4.091715	14.873291	9.447643
6/26/2013 14:31	146.001	4.091963	14.870422	9.448215
6/26/2013 14:31	146.251	4.090906	14.866119	9.445776
6/26/2013 14:31	146.501	4.091434	14.864685	9.446995
6/26/2013 14:31	146.751	4.091318	14.862305	9.446727
6/26/2013 14:31	147	4.091318	14.864197	9.446727
6/26/2013 14:31	147.25	4.090906	14.856079	9.445776
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6/26/2013 14:31	149	4.091434	14.842712	9.446995
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6/26/2013 14:31	150.75	4.089773	14.825989	9.443159

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6/26/2013 14:31	151.5	4.09025	14.819275	9.444261
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6/26/2013 14:31	152	4.090906	14.815491	9.445776
6/26/2013 14:31	152.25	4.091089	14.808289	9.446198
6/26/2013 14:31	152.5	4.090906	14.811188	9.445776
6/26/2013 14:31	152.75	4.090113	14.808777	9.443943
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6/26/2013 14:31	153.75	4.091219	14.797333	9.446498
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6/26/2013 14:31	154.501	4.09025	14.792053	9.444261
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6/26/2013 14:31	155.001	4.091869	14.785858	9.448
6/26/2013 14:31	155.251	4.091402	14.78537	9.446921
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6/26/2013 14:31	156.501	4.090696	14.772034	9.445291
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6/26/2013 14:31	164.5	4.089676	14.706085	9.442935
6/26/2013 14:31	164.75	4.089331	14.700836	9.442138
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6/26/2013 14:31	165.25	4.089462	14.697998	9.442441
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6/26/2013 14:31	165.75	4.088991	14.698456	9.441354
6/26/2013 14:32	166	4.089956	14.695557	9.443583
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6/26/2013 14:32	170.251	4.088861	14.658325	9.441055
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6/26/2013 14:32	171.001	4.089638	14.6521	9.442847
6/26/2013 14:32	171.251	4.089331	14.64975	9.442138
6/26/2013 14:32	171.501	4.089272	14.647339	9.442001
6/26/2013 14:32	171.751	4.090748	14.647827	9.44541
6/26/2013 14:32	172.001	4.089056	14.644501	9.441504
6/26/2013 14:32	172.251	4.088861	14.641632	9.441055
6/26/2013 14:32	172.501	4.08918	14.64209	9.44179
6/26/2013 14:32	172.751	4.089209	14.639709	9.441856
6/26/2013 14:32	173	4.089085	14.636841	9.441569
6/26/2013 14:32	173.25	4.089272	14.634949	9.442001
6/26/2013 14:32	173.5	4.09021	14.63208	9.444167
6/26/2013 14:32	173.75	4.08972	14.628235	9.443036
6/26/2013 14:32	174	4.08918	14.629669	9.44179
6/26/2013 14:32	174.25	4.089798	14.628754	9.443216

6/26/2013 14:32	174.5	4.089813	14.625885	9.443252
6/26/2013 14:32	174.75	4.089893	14.62207	9.443438
6/26/2013 14:32	175	4.089085	14.620117	9.441569
6/26/2013 14:32	175.25	4.089151	14.619171	9.441724
6/26/2013 14:32	175.5	4.090004	14.616791	9.443693
6/26/2013 14:32	175.75	4.088991	14.61441	9.441354
6/26/2013 14:32	176	4.088839	14.610565	9.441001
6/26/2013 14:32	176.25	4.088804	14.611053	9.440922
6/26/2013 14:32	176.5	4.089739	14.607727	9.44308
6/26/2013 14:32	176.75	4.088057	14.606293	9.439196
6/26/2013 14:32	177	4.08893	14.605804	9.441213
6/26/2013 14:32	177.25	4.088839	14.60437	9.441001
6/26/2013 14:32	177.5	4.089085	14.603882	9.441569
6/26/2013 14:32	177.75	4.089582	14.599579	9.442719
6/26/2013 14:32	178	4.089085	14.598175	9.441569
6/26/2013 14:32	178.25	4.088741	14.59436	9.440777
6/26/2013 14:32	178.5	4.088648	14.592438	9.440561
6/26/2013 14:32	178.75	4.088861	14.592438	9.441055
6/26/2013 14:32	179	4.089487	14.589569	9.442498
6/26/2013 14:32	179.25	4.088741	14.589569	9.440777
6/26/2013 14:32	179.5	4.088083	14.587677	9.439258
6/26/2013 14:32	179.75	4.089462	14.583374	9.442441
6/26/2013 14:32	180.001	4.088861	14.578613	9.441055
6/26/2013 14:32	180.251	4.088678	14.589111	9.440632
6/26/2013 14:32	180.496	4.089115	14.585754	9.44164
6/26/2013 14:32	180.751	4.088398	14.579559	9.439984
6/26/2013 14:32	181.001	4.08972	14.580963	9.443036
6/26/2013 14:32	181.251	4.088364	14.57431	9.439905
6/26/2013 14:32	181.501	4.088554	14.573334	9.440346
6/26/2013 14:32	181.751	4.088619	14.573334	9.440495
6/26/2013 14:32	182.001	4.088211	14.56665	9.439553
6/26/2013 14:32	182.251	4.087872	14.564758	9.438768
6/26/2013 14:32	182.501	4.088772	14.562836	9.440847
6/26/2013 14:32	182.751	4.088772	14.562347	9.440847
6/26/2013 14:32	183.001	4.087404	14.559967	9.437689
6/26/2013 14:32	183.251	4.089056	14.559509	9.441504
6/26/2013 14:32	183.501	4.089056	14.556641	9.441504
6/26/2013 14:32	183.751	4.088678	14.55423	9.440632
6/26/2013 14:32	184.001	4.088057	14.551392	9.439196
6/26/2013 14:32	184.251	4.088619	14.549957	9.440495
6/26/2013 14:32	184.501	4.087742	14.548035	9.438469
6/26/2013 14:32	184.751	4.088432	14.547089	9.440063
6/26/2013 14:32	185.001	4.088554	14.543274	9.440346
6/26/2013 14:32	185.251	4.088959	14.544189	9.441278
6/26/2013 14:32	185.5	4.088398	14.541351	9.439984
6/26/2013 14:32	185.75	4.088146	14.537079	9.439403
6/26/2013 14:32	186	4.088741	14.537079	9.440777

6/26/2013 14:32	186.25	4.088455	14.536102	9.440117
6/26/2013 14:32	186.5	4.088236	14.531799	9.43961
6/26/2013 14:32	186.75	4.087713	14.531311	9.438403
6/26/2013 14:32	187	4.088236	14.527527	9.43961
6/26/2013 14:32	187.25	4.088398	14.527985	9.439984
6/26/2013 14:32	187.5	4.087805	14.526062	9.438615
6/26/2013 14:32	187.75	4.08853	14.523712	9.440289
6/26/2013 14:32	188	4.088398	14.52417	9.439984
6/26/2013 14:32	188.25	4.088341	14.520355	9.439852
6/26/2013 14:32	188.5	4.08853	14.517975	9.440289
6/26/2013 14:32	188.75	4.087498	14.515564	9.437905
6/26/2013 14:32	189	4.087872	14.515106	9.438768
6/26/2013 14:32	189.25	4.087872	14.513184	9.438768
6/26/2013 14:32	189.5	4.088678	14.510803	9.440632
6/26/2013 14:32	189.75	4.088678	14.512207	9.440632
6/26/2013 14:32	190	4.088188	14.508423	9.4395
6/26/2013 14:32	190.25	4.087988	14.506958	9.439037
6/26/2013 14:32	190.5	4.088619	14.502655	9.440495
6/26/2013 14:32	190.75	4.087831	14.50174	9.438676
6/26/2013 14:32	191	4.087683	14.500305	9.438333
6/26/2013 14:32	191.25	4.087831	14.499817	9.438676
6/26/2013 14:32	191.5	4.088083	14.493591	9.439258
6/26/2013 14:32	191.75	4.087469	14.496948	9.43784
6/26/2013 14:32	192	4.08802	14.495544	9.439112
6/26/2013 14:32	192.25	4.087831	14.495056	9.438676
6/26/2013 14:32	192.501	4.087963	14.488373	9.43898
6/26/2013 14:32	192.751	4.088299	14.491241	9.439755
6/26/2013 14:32	193.001	4.08802	14.48645	9.439112
6/26/2013 14:32	193.251	4.088554	14.485016	9.440346
6/26/2013 14:32	193.501	4.088341	14.48407	9.439852
6/26/2013 14:32	193.751	4.087275	14.481689	9.43739
6/26/2013 14:32	194.001	4.088146	14.479797	9.439403
6/26/2013 14:32	194.251	4.087988	14.477386	9.439037
6/26/2013 14:32	194.501	4.087255	14.474548	9.437346
6/26/2013 14:32	194.751	4.087624	14.472137	9.438196
6/26/2013 14:32	195.001	4.088493	14.473114	9.440204
6/26/2013 14:32	195.251	4.087029	14.472626	9.436822
6/26/2013 14:32	195.501	4.088188	14.470245	9.4395
6/26/2013 14:32	195.751	4.088272	14.468323	9.439694
6/26/2013 14:32	196.001	4.088341	14.467834	9.439852
6/26/2013 14:32	196.251	4.088272	14.465454	9.439694
6/26/2013 14:32	196.501	4.088804	14.459747	9.440922
6/26/2013 14:32	196.751	4.088083	14.461609	9.439258
6/26/2013 14:32	197.001	4.0879	14.460693	9.438835
6/26/2013 14:32	197.251	4.088678	14.458771	9.440632
6/26/2013 14:32	197.501	4.08802	14.455933	9.439112
6/26/2013 14:32	197.751	4.088272	14.453522	9.439694

6/26/2013 14:32	198.001	4.088211	14.450195	9.439553
6/26/2013 14:32	198.25	4.088272	14.450195	9.439694
6/26/2013 14:32	198.5	4.087831	14.452057	9.438676
6/26/2013 14:32	198.75	4.088772	14.445892	9.440847
6/26/2013 14:32	199	4.086903	14.444	9.436532
6/26/2013 14:32	199.25	4.086466	14.442535	9.435522
6/26/2013 14:32	199.5	4.08659	14.442078	9.435809
6/26/2013 14:32	199.75	4.087683	14.441132	9.438333
6/26/2013 14:32	200	4.086996	14.440643	9.436748
6/26/2013 14:32	200.25	4.086933	14.43634	9.436602
6/26/2013 14:32	200.5	4.087469	14.434906	9.43784
6/26/2013 14:32	200.75	4.086903	14.434448	9.436532
6/26/2013 14:32	201	4.087255	14.433472	9.437346
6/26/2013 14:32	201.25	4.088236	14.430603	9.43961
6/26/2013 14:32	201.5	4.087713	14.429169	9.438403
6/26/2013 14:32	201.75	4.086969	14.429657	9.436686
6/26/2013 14:32	202	4.087498	14.424896	9.437905
6/26/2013 14:32	202.25	4.087095	14.426788	9.436975
6/26/2013 14:32	202.5	4.087404	14.423462	9.437689
6/26/2013 14:32	202.75	4.087589	14.421082	9.438117
6/26/2013 14:32	203	4.088715	14.417725	9.440716
6/26/2013 14:32	203.25	4.087255	14.41629	9.437346
6/26/2013 14:32	203.5	4.087805	14.415375	9.438615
6/26/2013 14:32	203.75	4.087872	14.412445	9.438768
6/26/2013 14:32	204	4.087872	14.408661	9.438768
6/26/2013 14:32	204.25	4.08802	14.411072	9.439112
6/26/2013 14:32	204.5	4.088341	14.410553	9.439852
6/26/2013 14:32	204.75	4.08893	14.407196	9.441213
6/26/2013 14:32	205	4.088057	14.405823	9.439196
6/26/2013 14:32	205.251	4.088493	14.402893	9.440204
6/26/2013 14:32	205.501	4.087805	14.408661	9.438615
6/26/2013 14:32	205.751	4.087469	14.408661	9.43784
6/26/2013 14:32	206.001	4.087742	14.40152	9.438469
6/26/2013 14:32	206.251	4.088272	14.398621	9.439694
6/26/2013 14:32	206.501	4.0879	14.395782	9.438835
6/26/2013 14:32	206.751	4.087122	14.395294	9.437037
6/26/2013 14:32	207.001	4.087181	14.394318	9.437175
6/26/2013 14:32	207.251	4.087029	14.393372	9.436822
6/26/2013 14:32	207.501	4.088057	14.392914	9.439196
6/26/2013 14:32	207.751	4.087181	14.389587	9.437175
6/26/2013 14:32	208.001	4.087498	14.38623	9.437905
6/26/2013 14:32	208.251	4.087831	14.385742	9.438676
6/26/2013 14:32	208.501	4.087872	14.381927	9.438768
6/26/2013 14:32	208.751	4.087988	14.382904	9.439037
6/26/2013 14:32	209.001	4.086996	14.380005	9.436748
6/26/2013 14:32	209.251	4.087372	14.379089	9.437615
6/26/2013 14:32	209.501	4.087831	14.378113	9.438676

6/26/2013 14:32	209.751	4.087055	14.372864	9.436884
6/26/2013 14:32	210.001	4.086878	14.372375	9.436475
6/26/2013 14:32	210.251	4.087624	14.373352	9.438196
6/26/2013 14:32	210.501	4.086903	14.369537	9.436532
6/26/2013 14:32	210.75	4.087936	14.367615	9.438919
6/26/2013 14:32	211	4.087469	14.368591	9.43784
6/26/2013 14:32	211.25	4.087275	14.367615	9.43739
6/26/2013 14:32	211.5	4.087528	14.366211	9.437976
6/26/2013 14:32	211.75	4.086775	14.362396	9.436235
6/26/2013 14:32	212	4.08802	14.359985	9.439112
6/26/2013 14:32	212.25	4.087404	14.360443	9.437689
6/26/2013 14:32	212.5	4.086809	14.358063	9.436316
6/26/2013 14:32	212.75	4.087275	14.357605	9.43739
6/26/2013 14:32	213	4.087553	14.35379	9.438033
6/26/2013 14:32	213.25	4.088146	14.35379	9.439403
6/26/2013 14:32	213.5	4.094257	14.349487	9.453513
6/26/2013 14:32	213.75	4.091204	14.350891	9.446463
6/26/2013 14:32	214	4.088715	14.344727	9.440716
6/26/2013 14:32	214.25	4.090673	14.345184	9.445238
6/26/2013 14:32	214.5	4.090237	14.347565	9.44423
6/26/2013 14:32	214.75	4.086903	14.345184	9.436532
6/26/2013 14:32	215	4.084505	14.340881	9.430996
6/26/2013 14:32	215.25	4.088619	14.342316	9.440495
6/26/2013 14:32	215.5	4.087528	14.339478	9.437976
6/26/2013 14:32	215.75	4.084782	14.338501	9.431634
6/26/2013 14:32	216	4.087154	14.335663	9.437113
6/26/2013 14:32	216.25	4.087963	14.336151	9.43898
6/26/2013 14:32	216.5	4.085011	14.334229	9.432163
6/26/2013 14:32	216.75	4.086533	14.330414	9.435678
6/26/2013 14:32	217	4.087553	14.328949	9.438033
6/26/2013 14:32	217.25	4.087095	14.329437	9.436975
6/26/2013 14:32	217.5	4.086655	14.327545	9.435959
6/26/2013 14:32	217.751	4.089422	14.325623	9.442348
6/26/2013 14:32	218.001	4.086189	14.322784	9.434885
6/26/2013 14:32	218.248	4.113386	14.322784	9.497681
6/26/2013 14:32	218.501	4.11167	14.320374	9.493717
6/26/2013 14:32	218.751	4.093605	14.317993	9.452007
6/26/2013 14:32	219.001	4.086155	14.319458	9.434805
6/26/2013 14:32	219.251	4.091232	14.317535	9.446529
6/26/2013 14:32	219.501	4.091255	14.314209	9.446582
6/26/2013 14:32	219.751	4.079077	14.313232	9.418463
6/26/2013 14:32	220.001	4.086933	14.312744	9.436602
6/26/2013 14:32	220.251	4.091255	14.308441	9.446582
6/26/2013 14:32	220.501	4.082109	14.308441	9.425465
6/26/2013 14:32	220.751	4.085432	14.307526	9.433136
6/26/2013 14:32	221.001	4.090046	14.30368	9.443789
6/26/2013 14:32	221.251	4.086155	14.303192	9.434805

6/26/2013 14:32	221.501	4.084814	14.302704	9.431709
6/26/2013 14:32	221.751	4.08893	14.304169	9.441213
6/26/2013 14:32	222.001	4.085779	14.298889	9.433937
6/26/2013 14:32	222.251	4.085032	14.298431	9.432211
6/26/2013 14:32	222.501	4.087427	14.296997	9.437742
6/26/2013 14:32	222.751	4.086466	14.296051	9.435522
6/26/2013 14:32	223.001	4.086369	14.292694	9.435298
6/26/2013 14:32	223.251	4.086466	14.29129	9.435522
6/26/2013 14:32	223.5	4.08659	14.290802	9.435809
6/26/2013 14:32	223.75	4.086498	14.290802	9.435598
6/26/2013 14:32	224	4.210052	14.289337	9.720881
6/26/2013 14:32	224.25	4.096003	14.286011	9.457543
6/26/2013 14:32	224.5	4.110832	14.285065	9.491784
6/26/2013 14:32	224.75	4.142513	14.282684	9.564935
6/26/2013 14:32	225	4.095882	14.285065	9.457266
6/26/2013 14:32	225.25	4.089773	14.281281	9.443159
6/26/2013 14:32	225.5	4.131672	14.279358	9.539903
6/26/2013 14:32	225.75	4.114952	14.27887	9.501297
6/26/2013 14:33	226	4.092508	14.275085	9.449475
6/26/2013 14:33	226.25	4.10531	14.276978	9.479034
6/26/2013 14:33	226.5	4.111547	14.274109	9.493435
6/26/2013 14:33	226.75	4.123518	14.272644	9.521075
6/26/2013 14:33	227	4.090603	14.269318	9.445076
6/26/2013 14:33	227.25	4.102888	14.268402	9.473442
6/26/2013 14:33	227.5	4.123854	14.268402	9.521851
6/26/2013 14:33	227.75	4.099741	14.265991	9.466175
6/26/2013 14:33	228	4.100866	14.265991	9.468774
6/26/2013 14:33	228.25	4.079338	14.265503	9.419065
6/26/2013 14:33	228.5	4.084091	14.260742	9.43004
6/26/2013 14:33	228.75	4.071112	14.260254	9.40007
6/26/2013 14:33	229	4.091637	14.25882	9.447462
6/26/2013 14:33	229.25	4.092108	14.257416	9.44855
6/26/2013 14:33	229.5	4.073418	14.255951	9.405396
6/26/2013 14:33	229.75	4.083755	14.257416	9.429265
6/26/2013 14:33	230	4.091204	14.253113	9.446463
6/26/2013 14:33	230.25	4.080645	14.252136	9.422082
6/26/2013 14:33	230.501	4.083063	14.25119	9.427666
6/26/2013 14:33	230.751	4.088991	14.255463	9.441354
6/26/2013 14:33	231.001	4.084414	14.252625	9.430784
6/26/2013 14:33	231.251	4.082602	14.250244	9.4266
6/26/2013 14:33	231.501	4.088057	14.247864	9.439196
6/26/2013 14:33	231.751	4.086033	14.245026	9.434523
6/26/2013 14:33	232.001	4.084192	14.243103	9.430274
6/26/2013 14:33	232.251	4.087624	14.243103	9.438196
6/26/2013 14:33	232.501	4.086809	14.242615	9.436316
6/26/2013 14:33	232.751	4.084719	14.237396	9.431489
6/26/2013 14:33	233.001	4.086092	14.235474	9.43466

6/26/2013 14:33	233.251	4.086685	14.236877	9.436029
6/26/2013 14:33	233.501	4.085064	14.234039	9.432285
6/26/2013 14:33	233.751	4.086155	14.232147	9.434805
6/26/2013 14:33	234.001	4.08597	14.231659	9.434378
6/26/2013 14:33	234.251	4.085691	14.232605	9.433735
6/26/2013 14:33	234.501	4.085808	14.22879	9.434004
6/26/2013 14:33	234.751	4.086498	14.226379	9.435598
6/26/2013 14:33	235.001	4.086117	14.226379	9.434717
6/26/2013 14:33	235.251	4.086369	14.225464	9.435298
6/26/2013 14:33	235.501	4.087337	14.223053	9.437536
6/26/2013 14:33	235.751	4.086878	14.22403	9.436475
6/26/2013 14:33	236	4.086117	14.220673	9.434717
6/26/2013 14:33	236.25	4.087255	14.217834	9.437346
6/26/2013 14:33	236.5	4.087181	14.219238	9.437175
6/26/2013 14:33	236.75	4.086809	14.216888	9.436316
6/26/2013 14:33	237	4.086996	14.213989	9.436748
6/26/2013 14:33	237.25	4.086466	14.213531	9.435522
6/26/2013 14:33	237.5	4.086061	14.210663	9.434589
6/26/2013 14:33	237.75	4.087404	14.212097	9.437689
6/26/2013 14:33	238	4.086117	14.210663	9.434717
6/26/2013 14:33	238.25	4.086252	14.206848	9.43503
6/26/2013 14:33	238.5	4.086878	14.207336	9.436475
6/26/2013 14:33	238.75	4.086969	14.204468	9.436686
6/26/2013 14:33	239	4.087299	14.204468	9.437448
6/26/2013 14:33	239.25	4.086533	14.202545	9.435678
6/26/2013 14:33	239.5	4.086554	14.199707	9.435726
6/26/2013 14:33	239.75	4.086809	14.201599	9.436316
6/26/2013 14:33	240	4.086655	14.198761	9.435959
6/26/2013 14:33	240.25	4.08659	14.199707	9.435809
6/26/2013 14:33	240.5	4.087154	14.195862	9.437113
6/26/2013 14:33	240.75	4.086155	14.195862	9.434805
6/26/2013 14:33	241	4.085691	14.192505	9.433735
6/26/2013 14:33	241.25	4.086533	14.192505	9.435678
6/26/2013 14:33	241.5	4.086554	14.189667	9.435726
6/26/2013 14:33	241.75	4.085779	14.190155	9.433937
6/26/2013 14:33	242	4.087055	14.190155	9.436884
6/26/2013 14:33	242.25	4.086878	14.184418	9.436475
6/26/2013 14:33	242.5	4.086878	14.184418	9.436475
6/26/2013 14:33	242.75	4.087404	14.18396	9.437689
6/26/2013 14:33	243.001	4.086685	14.183441	9.436029
6/26/2013 14:33	243.251	4.087372	14.184418	9.437615
6/26/2013 14:33	243.501	4.087936	14.179657	9.438919
6/26/2013 14:33	243.751	4.087372	14.179657	9.437615
6/26/2013 14:33	244.001	4.086933	14.178741	9.436602
6/26/2013 14:33	244.251	4.087095	14.1763	9.436975
6/26/2013 14:33	244.501	4.087202	14.175385	9.437223
6/26/2013 14:33	244.751	4.086716	14.172485	9.4361

6/26/2013 14:33	245.001	4.087122	14.172485	9.437037
6/26/2013 14:33	245.251	4.08643	14.170135	9.435439
6/26/2013 14:33	245.501	4.088146	14.170135	9.439403
6/26/2013 14:33	245.751	4.087427	14.168701	9.437742
6/26/2013 14:33	246.001	4.086685	14.165833	9.436029
6/26/2013 14:33	246.251	4.087469	14.166779	9.43784
6/26/2013 14:33	246.501	4.08643	14.165375	9.435439
6/26/2013 14:33	246.751	4.086348	14.162933	9.435249
6/26/2013 14:33	247.001	4.086903	14.162933	9.436532
6/26/2013 14:33	247.251	4.087095	14.160583	9.436975
6/26/2013 14:33	247.501	4.086775	14.159119	9.436235
6/26/2013 14:33	247.751	4.086533	14.159607	9.435678
6/26/2013 14:33	248.001	4.08597	14.155334	9.434378
6/26/2013 14:33	248.251	4.086498	14.155792	9.435598
6/26/2013 14:33	248.501	4.086498	14.152954	9.435598
6/26/2013 14:33	248.75	4.086685	14.154388	9.436029
6/26/2013 14:33	249	4.086405	14.155334	9.435382
6/26/2013 14:33	249.25	4.086903	14.149139	9.436532
6/26/2013 14:33	249.5	4.086775	14.149597	9.436235
6/26/2013 14:33	249.75	4.086969	14.146729	9.436686
6/26/2013 14:33	250	4.086189	14.146729	9.434885
6/26/2013 14:33	250.25	4.086969	14.144379	9.436686
6/26/2013 14:33	250.5	4.086597	14.144379	9.435827
6/26/2013 14:33	250.75	4.086716	14.14389	9.4361
6/26/2013 14:33	251	4.087181	14.141541	9.437175
6/26/2013 14:33	251.25	4.085808	14.139099	9.434004
6/26/2013 14:33	251.5	4.086275	14.139099	9.435082
6/26/2013 14:33	251.75	4.087372	14.138184	9.437615
6/26/2013 14:33	252	4.087337	14.136749	9.437536
6/26/2013 14:33	252.25	4.086405	14.137238	9.435382
6/26/2013 14:33	252.5	4.086117	14.133392	9.434717
6/26/2013 14:33	252.75	4.08659	14.131012	9.435809
6/26/2013 14:33	253	4.086685	14.132904	9.436029
6/26/2013 14:33	253.25	4.086498	14.130035	9.435598
6/26/2013 14:33	253.5	4.086309	14.132446	9.435162
6/26/2013 14:33	253.75	4.086716	14.127197	9.4361
6/26/2013 14:33	254	4.086903	14.126709	9.436532
6/26/2013 14:33	254.25	4.087095	14.127686	9.436975
6/26/2013 14:33	254.5	4.086903	14.124359	9.436532
6/26/2013 14:33	254.75	4.086033	14.123383	9.434523
6/26/2013 14:33	255	4.08576	14.124359	9.433893
6/26/2013 14:33	255.25	4.087624	14.12149	9.438196
6/26/2013 14:33	255.5	4.086189	14.11908	9.434885
6/26/2013 14:33	255.751	4.087255	14.118591	9.437346
6/26/2013 14:33	256.001	4.085361	14.123871	9.432973
6/26/2013 14:33	256.251	4.085524	14.123383	9.433348
6/26/2013 14:33	256.501	4.08643	14.11673	9.435439

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6/26/2013 14:33	257.001	4.086775	14.112885	9.436235
6/26/2013 14:33	257.251	4.086554	14.111481	9.435726
6/26/2013 14:33	257.501	4.086498	14.109528	9.435598
6/26/2013 14:33	257.751	4.086252	14.110016	9.43503
6/26/2013 14:33	258.001	4.085604	14.111481	9.433533
6/26/2013 14:33	258.251	4.086655	14.102875	9.435959
6/26/2013 14:33	258.501	4.084801	14.105713	9.431679
6/26/2013 14:33	258.751	4.086348	14.105255	9.435249
6/26/2013 14:33	259.001	4.086775	14.103851	9.436235
6/26/2013 14:33	259.251	4.086117	14.102875	9.434717
6/26/2013 14:33	259.501	4.087122	14.100983	9.437037
6/26/2013 14:33	259.751	4.086155	14.097626	9.434805
6/26/2013 14:33	260.001	4.085871	14.098572	9.434149
6/26/2013 14:33	260.251	4.086189	14.097137	9.434885
6/26/2013 14:33	260.501	4.086252	14.094788	9.43503
6/26/2013 14:33	260.751	4.087029	14.094299	9.436822
6/26/2013 14:33	261.001	4.086933	14.092834	9.436602
6/26/2013 14:33	261.25	4.0858	14.095245	9.433986
6/26/2013 14:33	261.5	4.086092	14.089996	9.43466
6/26/2013 14:33	261.75	4.086475	14.088104	9.435544
6/26/2013 14:33	262	4.086252	14.088104	9.43503
6/26/2013 14:33	262.25	4.085833	14.091888	9.434061
6/26/2013 14:33	262.5	4.085453	14.085205	9.433185
6/26/2013 14:33	262.75	4.084927	14.085205	9.431969
6/26/2013 14:33	263	4.085217	14.084747	9.432638
6/26/2013 14:33	263.25	4.085779	14.082367	9.433937
6/26/2013 14:33	263.5	4.084801	14.080933	9.431679
6/26/2013 14:33	263.75	4.0851	14.08139	9.432369
6/26/2013 14:33	264	4.085842	14.08139	9.434083
6/26/2013 14:33	264.25	4.085236	14.079987	9.432682
6/26/2013 14:33	264.5	4.085899	14.075714	9.434216
6/26/2013 14:33	264.75	4.085936	14.075714	9.434299
6/26/2013 14:33	265	4.085423	14.075226	9.433114
6/26/2013 14:33	265.25	4.085842	14.072357	9.434083
6/26/2013 14:33	265.5	4.086685	14.072815	9.436029
6/26/2013 14:33	265.75	4.086533	14.070465	9.435678
6/26/2013 14:33	266	4.085899	14.069489	9.434216
6/26/2013 14:33	266.25	4.085621	14.069977	9.433572
6/26/2013 14:33	266.5	4.086685	14.067627	9.436029
6/26/2013 14:33	266.75	4.08518	14.068542	9.432555
6/26/2013 14:33	267	4.084518	14.06665	9.431026
6/26/2013 14:33	267.25	4.085653	14.064697	9.433647
6/26/2013 14:33	267.5	4.086061	14.063293	9.434589
6/26/2013 14:33	267.75	4.086348	14.05899	9.435249
6/26/2013 14:33	268	4.085691	14.06427	9.433735
6/26/2013 14:33	268.251	4.085752	14.062347	9.433876

6/26/2013 14:33	268.501	4.08547	14.056152	9.433225
6/26/2013 14:33	268.746	4.086002	14.057556	9.434452
6/26/2013 14:33	269.001	4.086533	14.057556	9.435678
6/26/2013 14:33	269.251	4.085718	14.056152	9.433796
6/26/2013 14:33	269.501	4.085432	14.057556	9.433136
6/26/2013 14:33	269.751	4.085533	14.051849	9.43337
6/26/2013 14:33	270.001	4.086092	14.049957	9.43466
6/26/2013 14:33	270.251	4.085691	14.049957	9.433735
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6/26/2013 14:33	270.751	4.085842	14.048981	9.434083
6/26/2013 14:33	271.001	4.085718	14.047577	9.433796
6/26/2013 14:33	271.251	4.085808	14.046143	9.434004
6/26/2013 14:33	271.501	4.085691	14.047089	9.433735
6/26/2013 14:33	271.751	4.085691	14.043304	9.433735
6/26/2013 14:33	272.001	4.085533	14.042816	9.43337
6/26/2013 14:33	272.251	4.085344	14.04422	9.432934
6/26/2013 14:33	272.501	4.085285	14.041351	9.432797
6/26/2013 14:33	272.751	4.085871	14.039001	9.434149
6/26/2013 14:33	273.001	4.086117	14.037537	9.434717
6/26/2013 14:33	273.251	4.085871	14.036621	9.434149
6/26/2013 14:33	273.501	4.086348	14.036621	9.435249
6/26/2013 14:33	273.751	4.086216	14.035675	9.434946
6/26/2013 14:33	274	4.085533	14.033722	9.43337
6/26/2013 14:33	274.25	4.085285	14.035675	9.432797
6/26/2013 14:33	274.5	4.083677	14.032318	9.429084
6/26/2013 14:33	274.75	4.084356	14.032776	9.430652
6/26/2013 14:33	275	4.083933	14.031372	9.429675
6/26/2013 14:33	275.25	4.085779	14.030884	9.433937
6/26/2013 14:33	275.5	4.085011	14.027527	9.432163
6/26/2013 14:33	275.75	4.086189	14.029938	9.434885
6/26/2013 14:33	276	4.085217	14.025635	9.432638
6/26/2013 14:33	276.25	4.084673	14.022308	9.431383
6/26/2013 14:33	276.5	4.084938	14.024689	9.431995
6/26/2013 14:33	276.75	4.085808	14.021332	9.434004
6/26/2013 14:33	277	4.08461	14.022797	9.431237
6/26/2013 14:33	277.25	4.085379	14.02182	9.433012
6/26/2013 14:33	277.5	4.085344	14.018982	9.432934
6/26/2013 14:33	277.75	4.085808	14.017029	9.434004
6/26/2013 14:33	278	4.085344	14.01944	9.432934
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6/26/2013 14:33	278.5	4.085653	14.014679	9.433647
6/26/2013 14:33	278.75	4.084719	14.013214	9.431489
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6/26/2013 14:33	279.25	4.086033	14.013214	9.434523
6/26/2013 14:33	279.5	4.085653	14.010376	9.433647
6/26/2013 14:33	279.75	4.085533	14.010864	9.43337
6/26/2013 14:33	280	4.085274	14.00943	9.432771

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6/26/2013 14:33	280.5	4.085899	14.006104	9.434216
6/26/2013 14:33	280.753	4.085157	14.006104	9.432503
6/26/2013 14:33	281.001	4.085011	14.006104	9.432163
6/26/2013 14:33	281.251	4.08597	14.007507	9.434378
6/26/2013 14:33	281.501	4.086252	14.006104	9.43503
6/26/2013 14:33	281.751	4.085157	14.004639	9.432503
6/26/2013 14:33	282.001	4.086061	14.000336	9.434589
6/26/2013 14:33	282.251	4.083677	14.001312	9.429084
6/26/2013 14:33	282.501	4.085064	14.000824	9.432285
6/26/2013 14:33	282.751	4.084471	13.997498	9.430917
6/26/2013 14:33	283.001	4.084518	13.996521	9.431026
6/26/2013 14:33	283.251	4.085604	13.995148	9.433533
6/26/2013 14:33	283.501	4.085133	13.994659	9.432446
6/26/2013 14:33	283.751	4.085653	13.994659	9.433647
6/26/2013 14:33	284.001	4.084734	13.994171	9.431524
6/26/2013 14:33	284.251	4.084927	13.991302	9.431969
6/26/2013 14:33	284.501	4.084673	13.990356	9.431383
6/26/2013 14:33	284.751	4.085899	13.988922	9.434216
6/26/2013 14:33	285.001	4.085133	13.988464	9.432446
6/26/2013 14:33	285.251	4.085217	13.987	9.432638
6/26/2013 14:33	285.501	4.085413	13.988922	9.433091
6/26/2013 14:33	285.751	4.085779	13.987518	9.433937
6/26/2013 14:34	286.001	4.084782	13.983215	9.431634
6/26/2013 14:34	286.251	4.085255	13.982269	9.432727
6/26/2013 14:34	286.5	4.086216	13.979858	9.434946
6/26/2013 14:34	286.75	4.084564	13.979858	9.431132
6/26/2013 14:34	287	4.084423	13.979858	9.430806
6/26/2013 14:34	287.25	4.08547	13.975128	9.433225
6/26/2013 14:34	287.5	4.085533	13.977478	9.43337
6/26/2013 14:34	287.75	4.085217	13.97699	9.432638
6/26/2013 14:34	288	4.085217	13.976532	9.432638
6/26/2013 14:34	288.25	4.0851	13.974152	9.432369
6/26/2013 14:34	288.5	4.085133	13.976013	9.432446
6/26/2013 14:34	288.75	4.084555	13.97464	9.43111
6/26/2013 14:34	289	4.085255	13.970825	9.432727
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6/26/2013 14:34	289.5	4.084488	13.970337	9.430957
6/26/2013 14:34	289.75	4.084848	13.967987	9.431789
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6/26/2013 14:34	290.75	4.084814	13.965546	9.431709
6/26/2013 14:34	291	4.085064	13.963684	9.432285
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6/26/2013 14:34	291.5	4.083866	13.960785	9.429521
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6/26/2013 14:34	292.5	4.085064	13.957001	9.432285
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6/26/2013 14:34	293.25	4.084974	13.953156	9.432079
6/26/2013 14:34	293.501	4.08407	13.953644	9.429992
6/26/2013 14:34	293.751	4.084757	13.951721	9.431577
6/26/2013 14:34	293.996	4.085064	13.952209	9.432285
6/26/2013 14:34	294.251	4.085064	13.950317	9.432285
6/26/2013 14:34	294.501	4.083847	13.951263	9.429477
6/26/2013 14:34	294.751	4.085752	13.949341	9.433876
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6/26/2013 14:34	297.501	4.083971	13.939362	9.429762
6/26/2013 14:34	297.751	4.084322	13.936493	9.430573
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6/26/2013 14:34	299	4.084757	13.934082	9.431577
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6/26/2013 14:34	299.5	4.084032	13.929321	9.429903
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6/26/2013 14:34	300	4.084848	13.931244	9.431789
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6/26/2013 14:34	301	4.083269	13.924103	9.428142
6/26/2013 14:34	301.25	4.083696	13.926971	9.429128
6/26/2013 14:34	301.5	4.084471	13.92218	9.430917
6/26/2013 14:34	301.75	4.083773	13.92218	9.429304
6/26/2013 14:34	302	4.082804	13.922668	9.427068
6/26/2013 14:34	302.25	4.084219	13.918854	9.430335
6/26/2013 14:34	302.5	4.084602	13.920288	9.43122
6/26/2013 14:34	302.75	4.082935	13.919342	9.427371
6/26/2013 14:34	303	4.083618	13.917877	9.428948
6/26/2013 14:34	303.25	4.082962	13.916931	9.427433
6/26/2013 14:34	303.5	4.084564	13.917419	9.431132

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6/26/2013 14:34	304	4.084383	13.913147	9.430714
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6/26/2013 14:34	304.5	4.083563	13.912689	9.428821
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6/26/2013 14:34	305	4.084654	13.90979	9.431339
6/26/2013 14:34	305.25	4.083662	13.910248	9.429049
6/26/2013 14:34	305.5	4.08354	13.910736	9.428767
6/26/2013 14:34	305.75	4.084938	13.90979	9.431995
6/26/2013 14:34	306	4.084719	13.907898	9.431489
6/26/2013 14:34	306.25	4.083618	13.904572	9.428948
6/26/2013 14:34	306.5	4.084625	13.90979	9.431273
6/26/2013 14:34	306.75	4.083025	13.908356	9.427578
6/26/2013 14:34	307	4.084091	13.902649	9.43004
6/26/2013 14:34	307.25	4.083025	13.903595	9.427578
6/26/2013 14:34	307.5	4.08346	13.905518	9.428583
6/26/2013 14:34	307.75	4.084248	13.8974	9.430402
6/26/2013 14:34	308	4.083971	13.900726	9.429762
6/26/2013 14:34	308.25	4.084414	13.901245	9.430784
6/26/2013 14:34	308.5	4.082903	13.898346	9.427296
6/26/2013 14:34	308.75	4.083242	13.898346	9.428081
6/26/2013 14:34	309	4.084719	13.89502	9.431489
6/26/2013 14:34	309.25	4.082935	13.895966	9.427371
6/26/2013 14:34	309.5	4.083313	13.893585	9.428244
6/26/2013 14:34	309.75	4.082869	13.892181	9.427217
6/26/2013 14:34	310	4.08354	13.89502	9.428767
6/26/2013 14:34	310.25	4.082617	13.894531	9.426636
6/26/2013 14:34	310.5	4.084383	13.892639	9.430714
6/26/2013 14:34	310.75	4.082838	13.893097	9.427147
6/26/2013 14:34	311	4.08346	13.889771	9.428583
6/26/2013 14:34	311.25	4.0837	13.887878	9.429137
6/26/2013 14:34	311.5	4.084137	13.887878	9.430146
6/26/2013 14:34	311.75	4.082935	13.886444	9.427371
6/26/2013 14:34	312	4.083054	13.88504	9.427644
6/26/2013 14:34	312.25	4.083942	13.885468	9.429697
6/26/2013 14:34	312.5	4.083885	13.884552	9.429564
6/26/2013 14:34	312.75	4.083942	13.885468	9.429697
6/26/2013 14:34	313	4.085217	13.883575	9.432638
6/26/2013 14:34	313.25	4.084137	13.881226	9.430146
6/26/2013 14:34	313.5	4.08379	13.878357	9.429344
6/26/2013 14:34	313.75	4.083054	13.878815	9.427644
6/26/2013 14:34	314	4.082775	13.878357	9.427002
6/26/2013 14:34	314.25	4.082289	13.879761	9.425878
6/26/2013 14:34	314.5	4.083563	13.875946	9.428821
6/26/2013 14:34	314.75	4.082466	13.876434	9.426288
6/26/2013 14:34	315	4.08342	13.873566	9.42849
6/26/2013 14:34	315.25	4.082148	13.875946	9.425552

6/26/2013 14:34	315.5	4.082664	13.873566	9.426745
6/26/2013 14:34	315.75	4.083834	13.874542	9.429445
6/26/2013 14:34	316	4.083563	13.873566	9.428821
6/26/2013 14:34	316.25	4.082935	13.868317	9.427371
6/26/2013 14:34	316.5	4.082819	13.870239	9.427103
6/26/2013 14:34	316.75	4.083227	13.869293	9.428045
6/26/2013 14:34	317	4.083086	13.867371	9.427718
6/26/2013 14:34	317.25	4.083471	13.867859	9.428609
6/26/2013 14:34	317.5	4.083187	13.866882	9.427953
6/26/2013 14:34	317.75	4.082371	13.865936	9.426067
6/26/2013 14:34	318	4.084007	13.864044	9.429846
6/26/2013 14:34	318.25	4.083227	13.86261	9.428045
6/26/2013 14:34	318.5	4.082678	13.863098	9.426777
6/26/2013 14:34	318.751	4.08338	13.864502	9.428397
6/26/2013 14:34	319.001	4.083258	13.861664	9.428116
6/26/2013 14:34	319.249	4.083195	13.859741	9.42797
6/26/2013 14:34	319.501	4.082314	13.858826	9.425936
6/26/2013 14:34	319.751	4.083038	13.860718	9.427608
6/26/2013 14:34	320.001	4.083599	13.855927	9.428904
6/26/2013 14:34	320.251	4.082712	13.857849	9.426856
6/26/2013 14:34	320.501	4.084032	13.855927	9.429903
6/26/2013 14:34	320.751	4.082184	13.856903	9.425636
6/26/2013 14:34	321.001	4.08342	13.857391	9.42849
6/26/2013 14:34	321.251	4.082712	13.854034	9.426856
6/26/2013 14:34	321.501	4.082493	13.854034	9.42635
6/26/2013 14:34	321.751	4.082077	13.853088	9.425389
6/26/2013 14:34	322.001	4.082493	13.850677	9.42635
6/26/2013 14:34	322.251	4.083117	13.850677	9.42779
6/26/2013 14:34	322.501	4.083471	13.851196	9.428609
6/26/2013 14:34	322.751	4.082432	13.85025	9.426208
6/26/2013 14:34	323.001	4.082117	13.8526	9.425482
6/26/2013 14:34	323.251	4.081436	13.849274	9.42391
6/26/2013 14:34	323.501	4.081993	13.846436	9.425196
6/26/2013 14:34	323.751	4.081032	13.846893	9.422976
6/26/2013 14:34	324.001	4.082399	13.845459	9.426133
6/26/2013 14:34	324.25	4.082493	13.846893	9.42635
6/26/2013 14:34	324.5	4.081993	13.843994	9.425196
6/26/2013 14:34	324.75	4.083662	13.843079	9.429049
6/26/2013 14:34	325	4.083471	13.840668	9.428609
6/26/2013 14:34	325.25	4.083416	13.840668	9.428481
6/26/2013 14:34	325.5	4.083063	13.840668	9.427666
6/26/2013 14:34	325.75	4.082432	13.84021	9.426208
6/26/2013 14:34	326	4.083038	13.838318	9.427608
6/26/2013 14:34	326.25	4.082087	13.842133	9.425411
6/26/2013 14:34	326.5	4.082996	13.835449	9.427512
6/26/2013 14:34	326.75	4.083025	13.837341	9.427578
6/26/2013 14:34	327	4.083628	13.835449	9.42897

6/26/2013 14:34	327.25	4.081762	13.835449	9.424663
6/26/2013 14:34	327.5	4.082945	13.833527	9.427393
6/26/2013 14:34	327.75	4.082466	13.833527	9.426288
6/26/2013 14:34	328	4.083908	13.833527	9.429618
6/26/2013 14:34	328.25	4.083435	13.830688	9.428525
6/26/2013 14:34	328.5	4.083742	13.829712	9.429234
6/26/2013 14:34	328.75	4.083563	13.82782	9.428821
6/26/2013 14:34	329	4.082281	13.826385	9.42586
6/26/2013 14:34	329.25	4.083908	13.827362	9.429618
6/26/2013 14:34	329.5	4.082493	13.827362	9.42635
6/26/2013 14:34	329.75	4.082869	13.826874	9.427217
6/26/2013 14:34	330	4.082281	13.825439	9.42586
6/26/2013 14:34	330.25	4.081932	13.824982	9.425055
6/26/2013 14:34	330.5	4.082371	13.822571	9.426067
6/26/2013 14:34	330.75	4.082592	13.823059	9.426579
6/26/2013 14:34	331	4.083187	13.822571	9.427953
6/26/2013 14:34	331.25	4.081932	13.821136	9.425055
6/26/2013 14:34	331.5	4.081993	13.821625	9.425196
6/26/2013 14:34	331.75	4.083138	13.824036	9.427838
6/26/2013 14:34	332	4.081993	13.820709	9.425196
6/26/2013 14:34	332.25	4.081875	13.818787	9.424923
6/26/2013 14:34	332.5	4.082712	13.817352	9.426856
6/26/2013 14:34	332.75	4.082819	13.816864	9.427103
6/26/2013 14:34	333	4.082523	13.818298	9.42642
6/26/2013 14:34	333.25	4.082775	13.813995	9.427002
6/26/2013 14:34	333.5	4.082314	13.81543	9.425936
6/26/2013 14:34	333.75	4.082432	13.812103	9.426208
6/26/2013 14:34	334	4.082148	13.811646	9.425552
6/26/2013 14:34	334.25	4.081627	13.813507	9.42435
6/26/2013 14:34	334.5	4.081898	13.811646	9.424975
6/26/2013 14:34	334.75	4.080753	13.809723	9.422334
6/26/2013 14:34	335	4.081465	13.805878	9.423976
6/26/2013 14:34	335.25	4.081526	13.808777	9.424117
6/26/2013 14:34	335.5	4.081898	13.807831	9.424975
6/26/2013 14:34	335.75	4.082058	13.808289	9.425345
6/26/2013 14:34	336	4.08172	13.804016	9.424565
6/26/2013 14:34	336.25	4.081648	13.80304	9.424398
6/26/2013 14:34	336.5	4.082184	13.804932	9.425636
6/26/2013 14:34	336.75	4.081778	13.802551	9.424698
6/26/2013 14:34	337	4.082819	13.799225	9.427103
6/26/2013 14:34	337.25	4.083435	13.802551	9.428525
6/26/2013 14:34	337.5	4.081898	13.801605	9.424975
6/26/2013 14:34	337.75	4.082466	13.801147	9.426288
6/26/2013 14:34	338	4.083008	13.798248	9.427539
6/26/2013 14:34	338.25	4.081875	13.798737	9.424923
6/26/2013 14:34	338.5	4.081526	13.798737	9.424117
6/26/2013 14:34	338.75	4.081839	13.797333	9.424839

6/26/2013 14:34	339	4.082558	13.798248	9.426499
6/26/2013 14:34	339.25	4.081398	13.79541	9.423821
6/26/2013 14:34	339.5	4.081648	13.79306	9.424398
6/26/2013 14:34	339.75	4.081688	13.794922	9.424491
6/26/2013 14:34	340	4.081839	13.79541	9.424839
6/26/2013 14:34	340.25	4.08172	13.794006	9.424565
6/26/2013 14:34	340.5	4.082903	13.790222	9.427296
6/26/2013 14:34	340.75	4.080875	13.792084	9.422615
6/26/2013 14:34	341	4.081526	13.792572	9.424117
6/26/2013 14:34	341.25	4.081341	13.788757	9.423689
6/26/2013 14:34	341.5	4.081875	13.788269	9.424923
6/26/2013 14:34	341.75	4.081341	13.787292	9.423689
6/26/2013 14:34	342.001	4.081648	13.784454	9.424398
6/26/2013 14:34	342.251	4.081305	13.786865	9.423606
6/26/2013 14:34	342.501	4.082602	13.786865	9.4266
6/26/2013 14:34	342.751	4.081186	13.785431	9.423332
6/26/2013 14:34	343.001	4.08235	13.784943	9.426019
6/26/2013 14:34	343.251	4.081594	13.78302	9.424275
6/26/2013 14:34	343.501	4.081898	13.779236	9.424975
6/26/2013 14:34	343.751	4.081839	13.778748	9.424839
6/26/2013 14:34	344.001	4.082184	13.781128	9.425636
6/26/2013 14:34	344.251	4.081064	13.779694	9.42305
6/26/2013 14:34	344.501	4.081688	13.779236	9.424491
6/26/2013 14:34	344.751	4.081762	13.777802	9.424663
6/26/2013 14:34	345.007	4.081594	13.778748	9.424275
6/26/2013 14:34	345.256	4.082476	13.777313	9.426311
6/26/2013 14:34	345.501	4.084051	13.776825	9.429947
6/26/2013 14:34	345.756	4.082237	13.784943	9.425759
6/26/2013 14:35	346.001	4.081249	13.77829	9.423478
6/26/2013 14:35	346.251	4.081215	13.781128	9.423399
6/26/2013 14:35	346.501	4.08189	13.776367	9.424958
6/26/2013 14:35	346.751	4.080753	13.776367	9.422334
6/26/2013 14:35	347.001	4.081562	13.775909	9.4242
6/26/2013 14:35	347.251	4.081627	13.773987	9.42435
6/26/2013 14:35	347.501	4.081249	13.77301	9.423478
6/26/2013 14:35	347.751	4.083008	13.771606	9.427539
6/26/2013 14:35	348.001	4.080282	13.771118	9.421245
6/26/2013 14:35	348.251	4.081465	13.767334	9.423976
6/26/2013 14:35	348.501	4.081158	13.766846	9.423266
6/26/2013 14:35	348.751	4.081129	13.767334	9.423201
6/26/2013 14:35	349.001	4.084301	13.77301	9.430524
6/26/2013 14:35	349.249	4.081486	13.772552	9.424024
6/26/2013 14:35	349.501	4.080875	13.767334	9.422615
6/26/2013 14:35	349.751	4.081249	13.768738	9.423478
6/26/2013 14:35	350.001	4.08173	13.764008	9.424587
6/26/2013 14:35	350.251	4.080807	13.764008	9.422457
6/26/2013 14:35	350.501	4.082418	13.761597	9.426177

6/26/2013 14:35	350.751	4.081518	13.764008	9.424099
6/26/2013 14:35	351.001	4.081762	13.763031	9.424663
6/26/2013 14:35	351.251	4.081543	13.759216	9.424156
6/26/2013 14:35	351.501	4.081957	13.761597	9.425112
6/26/2013 14:35	351.751	4.081341	13.75827	9.423689
6/26/2013 14:35	352.001	4.080906	13.755859	9.422686
6/26/2013 14:35	352.251	4.081186	13.756805	9.423332
6/26/2013 14:35	352.501	4.080999	13.757294	9.422901
6/26/2013 14:35	352.751	4.08037	13.755402	9.421448
6/26/2013 14:35	353.001	4.081856	13.753967	9.424879
6/26/2013 14:35	353.251	4.081215	13.754944	9.423399
6/26/2013 14:35	353.501	4.081358	13.753479	9.423729
6/26/2013 14:35	353.751	4.08279	13.753021	9.427037
6/26/2013 14:35	354.001	4.081358	13.749176	9.423729
6/26/2013 14:35	354.251	4.08239	13.750641	9.426111
6/26/2013 14:35	354.501	4.080412	13.749176	9.421545
6/26/2013 14:35	354.751	4.080503	13.74826	9.421757
6/26/2013 14:35	355	4.082226	13.748749	9.425734
6/26/2013 14:35	355.25	4.080467	13.747314	9.421673
6/26/2013 14:35	355.5	4.081627	13.747314	9.42435
6/26/2013 14:35	355.75	4.080837	13.74585	9.422526
6/26/2013 14:35	356	4.080719	13.746826	9.422253
6/26/2013 14:35	356.25	4.081129	13.746826	9.423201
6/26/2013 14:35	356.5	4.081215	13.744446	9.423399
6/26/2013 14:35	356.75	4.08069	13.7435	9.422188
6/26/2013 14:35	357	4.080627	13.743988	9.422042
6/26/2013 14:35	357.251	4.080906	13.744904	9.422686
6/26/2013 14:35	357.501	4.081158	13.739685	9.423266
6/26/2013 14:35	357.751	4.080225	13.733032	9.421113
6/26/2013 14:35	358.001	4.080595	13.738708	9.421968
6/26/2013 14:35	358.251	4.082045	13.736847	9.425314
6/26/2013 14:35	358.501	4.081158	13.739685	9.423266
6/26/2013 14:35	358.751	4.08182	13.736359	9.424795
6/26/2013 14:35	359.001	4.080282	13.736359	9.421245
6/26/2013 14:35	359.251	4.080503	13.73587	9.421757
6/26/2013 14:35	359.501	4.079657	13.73587	9.4198
6/26/2013 14:35	359.751	4.081762	13.733948	9.424663
6/26/2013 14:35	360.001	4.080185	13.732056	9.421021
6/26/2013 14:35	360.251	4.081982	13.733948	9.425169
6/26/2013 14:35	360.501	4.080658	13.730591	9.422112
6/26/2013 14:35	360.751	4.081612	13.732056	9.424314
6/26/2013 14:35	361.001	4.080971	13.732056	9.422835
6/26/2013 14:35	361.251	4.079872	13.733032	9.420299
6/26/2013 14:35	361.501	4.082418	13.732056	9.426177
6/26/2013 14:35	361.751	4.080784	13.728241	9.422404
6/26/2013 14:35	362.001	4.080999	13.727753	9.422901
6/26/2013 14:35	362.251	4.081909	13.728241	9.425002

6/26/2013 14:35	362.501	4.081129	13.723938	9.423201
6/26/2013 14:35	362.751	4.080837	13.726349	9.422526
6/26/2013 14:35	363	4.081398	13.726349	9.423821
6/26/2013 14:35	363.251	4.080347	13.724915	9.421395
6/26/2013 14:35	363.501	4.080347	13.724915	9.421395
6/26/2013 14:35	363.751	4.080875	13.7211	9.422615
6/26/2013 14:35	364.001	4.080938	13.721588	9.42276
6/26/2013 14:35	364.251	4.081142	13.7211	9.423231
6/26/2013 14:35	364.501	4.082716	13.720612	9.426865
6/26/2013 14:35	364.756	4.081291	13.730164	9.423575
6/26/2013 14:35	365.001	4.079853	13.724426	9.420255
6/26/2013 14:35	365.251	4.081171	13.724426	9.423297
6/26/2013 14:35	365.501	4.08182	13.720123	9.424795
6/26/2013 14:35	365.751	4.083242	13.715393	9.428081
6/26/2013 14:35	366.001	4.080627	13.719208	9.422042
6/26/2013 14:35	366.251	4.080627	13.716797	9.422042
6/26/2013 14:35	366.501	4.081993	13.716797	9.425196

*** Depth recorded by sensor does not represent depth to groundwater from top of well casing.**

BCP MW5 **Bouwer and Rice Slug-Test Method**

Static water level = 8.98 feet (measured by transducer)
Maximum depth of water in well = 13.22 feet, occurs at 15.251 seconds

y_0 = Maximum depth - Static water level

y_0 = 4.24 feet

Elapsed Time	Depth	t	y_t
Seconds	Feet	Seconds	Feet
15.251	13.21729	0	4.237289
15.501	11.55599	0.25	2.575986
15.751	9.900053	0.5	0.920053
16.001	10.87786	0.75	1.897858
16.251	11.18054	1	2.200541
16.501	9.914935	1.25	0.934935
16.751	10.39578	1.5	1.415778
17.001	11.18818	1.75	2.208177
17.251	8.39006	2	-0.58994
17.501	8.382714	2.25	-0.59729
17.751	10.31245	2.5	1.332446
18.001	10.16959	2.75	1.189587
18.251	8.843331	3	-0.13667
18.501	9.327885	3.25	0.347885
18.751	10.0529	3.5	1.072895
19.001	9.439359	3.75	0.459359
19.251	9.16218	4	0.18218
19.501	9.69591	4.25	0.71591
19.751	9.650487	4.5	0.670487
20.001	9.29341	4.75	0.31341
20.251	9.49034	5	0.51034
20.501	9.63746	5.25	0.65746
20.75	9.422874	5.499	0.442874
21	9.426917	5.749	0.446917
21.25	9.570308	5.999	0.590308
21.5	9.487944	6.249	0.507944
21.75	9.428005	6.499	0.448005
22	9.518974	6.749	0.538974
22.25	9.504864	6.999	0.524864
22.5	9.448453	7.249	0.468453
22.75	9.489706	7.499	0.509706
23	9.504864	7.749	0.524864
23.25	9.466426	7.999	0.486426
23.5	9.479626	8.249	0.499626

23.75	9.498399	8.499	0.518399
24	9.476802	8.749	0.496802
24.25	9.47578	8.999	0.49578
24.5	9.491855	9.249	0.511855
24.75	9.483356	9.499	0.503356
25	9.476215	9.749	0.496215
25.25	9.48565	9.999	0.50565
25.5	9.483148	10.249	0.503148
25.75	9.476709	10.499	0.496709
26	9.48269	10.749	0.50269
26.25	9.482557	10.999	0.502557
26.5	9.478387	11.249	0.498387
26.75	9.480769	11.499	0.500769
27	9.481866	11.749	0.501866
27.25	9.481338	11.999	0.501338
27.5	9.478753	12.249	0.498753
27.751	9.481562	12.5	0.501562
28.001	9.481338	12.75	0.501338
28.251	9.478308	13	0.498308
28.501	9.481761	13.25	0.501761
28.751	9.477771	13.5	0.497771
29.001	9.47896	13.75	0.49896
29.251	9.479818	14	0.499818
29.501	9.480343	14.25	0.500343
29.751	9.479238	14.5	0.499238
30.001	9.478819	14.75	0.498819
30.251	9.478664	15	0.498664
30.501	9.477726	15.25	0.497726
30.751	9.478819	15.5	0.498819
31.001	9.480409	15.75	0.500409
31.251	9.477669	16	0.497669
31.501	9.476445	16.25	0.496445
31.751	9.480343	16.5	0.500343
32.001	9.480343	16.75	0.500343
32.251	9.4756	17	0.4956
32.501	9.477726	17.25	0.497726
32.751	9.477669	17.5	0.497669
33.001	9.477515	17.75	0.497515
33.251	9.47549	18	0.49549
33.5	9.47497	18.249	0.49497
33.75	9.477969	18.499	0.497969
34	9.474437	18.749	0.494437
34.25	9.476053	18.999	0.496053
34.5	9.475516	19.249	0.495516
34.75	9.476709	19.499	0.496709
35	9.474746	19.749	0.494746
35.25	9.474669	19.999	0.494669

35.5	9.4756	20.249	0.4956
35.75	9.475022	20.499	0.495022
36	9.477313	20.749	0.497313
36.25	9.473868	20.999	0.493868
36.5	9.475727	21.249	0.495727
36.75	9.475022	21.499	0.495022
37	9.474793	21.749	0.494793
37.25	9.472499	21.999	0.492499
37.5	9.476353	22.249	0.496353
37.75	9.474085	22.499	0.494085
38	9.476933	22.749	0.496933
38.25	9.47497	22.999	0.49497
38.5	9.476709	23.249	0.496709
38.75	9.475022	23.499	0.495022
39	9.472499	23.749	0.492499
39.25	9.473526	23.999	0.493526
39.5	9.477027	24.249	0.497027
39.75	9.473648	24.499	0.493648
40	9.473455	24.749	0.493455
40.25	9.472724	24.999	0.492724
40.501	9.474613	25.25	0.494613
40.751	9.474085	25.5	0.494085
41.001	9.474248	25.75	0.494248
41.251	9.472856	26	0.492856
41.501	9.475727	26.25	0.495727
41.751	9.473147	26.5	0.493147
42.001	9.474771	26.75	0.494771
42.251	9.473027	27	0.493027
42.501	9.47194	27.25	0.49194
42.751	9.47142	27.5	0.49142
43.001	9.472856	27.75	0.492856
43.251	9.472221	28	0.492221
43.501	9.472301	28.25	0.492301
43.751	9.4726	28.5	0.4926
44.001	9.472076	28.75	0.492076
44.251	9.472142	29	0.492142
44.501	9.472499	29.25	0.492499
44.751	9.469549	29.5	0.489549
45.001	9.470697	29.75	0.490697
45.251	9.473643	30	0.493643
45.501	9.473098	30.25	0.493098
45.751	9.470487	30.5	0.490487
46	9.468985	30.749	0.488985
46.25	9.472662	30.999	0.492662
46.5	9.472499	31.249	0.492499
46.75	9.470345	31.499	0.490345
47	9.470135	31.749	0.490135

47.25	9.468266	31.999	0.488266
47.5	9.469755	32.249	0.489755
47.75	9.471003	32.499	0.491003
48	9.469707	32.749	0.489707
48.25	9.470936	32.999	0.490936
48.5	9.471217	33.249	0.491217
48.75	9.47065	33.499	0.49065
49	9.472221	33.749	0.492221
49.25	9.470425	33.999	0.490425
49.5	9.470786	34.249	0.490786
49.75	9.472301	34.499	0.492301
50	9.471725	34.749	0.491725
50.25	9.469755	34.999	0.489755
50.5	9.467179	35.249	0.487179
50.75	9.468266	35.499	0.488266
51	9.47057	35.749	0.49057
51.25	9.469707	35.999	0.489707
51.5	9.471507	36.249	0.491507
51.75	9.472808	36.499	0.492808
52	9.471067	36.749	0.491067
52.25	9.470697	36.999	0.490697
52.5	9.469143	37.249	0.489143
52.75	9.471654	37.499	0.491654
53.001	9.470487	37.75	0.490487
53.251	9.469707	38	0.489707
53.501	9.469707	38.25	0.489707
53.751	9.473147	38.5	0.493147
54.001	9.470059	38.75	0.490059
54.251	9.469279	39	0.489279
54.501	9.470852	39.25	0.490852
54.751	9.46935	39.5	0.48935
55.001	9.469913	39.75	0.489913
55.251	9.469856	40	0.489856
55.501	9.468266	40.25	0.488266
55.751	9.466822	40.5	0.486822
56.001	9.470227	40.75	0.490227
56.251	9.468909	41	0.488909
56.501	9.467597	41.25	0.487597
56.751	9.469707	41.5	0.489707
57.001	9.469279	41.75	0.489279
57.251	9.46905	42	0.48905
57.501	9.46806	42.25	0.48806
57.751	9.467403	42.5	0.487403
58.001	9.47057	42.75	0.49057
58.251	9.465805	43	0.485805
58.501	9.469504	43.25	0.489504
58.75	9.468266	43.499	0.488266

59	9.468266	43.749	0.488266
59.25	9.46806	43.999	0.48806
59.5	9.468699	44.249	0.488699
59.75	9.468332	44.499	0.488332
60	9.468549	44.749	0.488549
60.25	9.466264	44.999	0.486264
60.5	9.468416	45.249	0.488416
60.75	9.467994	45.499	0.487994
61	9.468332	45.749	0.488332
61.25	9.468782	45.999	0.488782
61.5	9.46905	46.249	0.48905
61.75	9.467179	46.499	0.487179
62	9.468985	46.749	0.488985
62.25	9.469143	46.999	0.489143
62.5	9.467262	47.249	0.487262
62.75	9.467915	47.499	0.487915
63	9.466162	47.749	0.486162
63.25	9.46647	47.999	0.48647
63.5	9.468782	48.249	0.488782
63.75	9.467915	48.499	0.487915
64	9.468332	48.749	0.488332
64.25	9.467915	48.999	0.487915
64.5	9.46596	49.249	0.48596
64.75	9.466034	49.499	0.486034
65	9.466756	49.749	0.486756
65.25	9.467597	49.999	0.487597
65.5	9.467403	50.249	0.487403
65.751	9.46754	50.5	0.48754
66.001	9.464198	50.75	0.484198
66.251	9.467338	51	0.487338
66.501	9.466756	51.25	0.486756
66.751	9.467262	51.5	0.487262
67.001	9.465391	51.75	0.485391
67.251	9.466616	52	0.486616
67.501	9.467262	52.25	0.487262
67.751	9.466034	52.5	0.486034
68.001	9.46432	52.75	0.48432
68.251	9.465677	53	0.485677
68.501	9.46396	53.25	0.48396
68.751	9.466822	53.5	0.486822
69.001	9.467712	53.75	0.487712
69.251	9.465448	54	0.485448
69.501	9.464713	54.25	0.484713
69.751	9.465391	54.5	0.485391
70.001	9.466756	54.75	0.486756
70.251	9.46754	55	0.48754
70.501	9.467048	55.25	0.487048

70.751	9.465312	55.5	0.485312
71.001	9.465391	55.75	0.485391
71.25	9.465598	55.999	0.485598
71.5	9.464528	56.249	0.484528
71.75	9.466034	56.499	0.486034
72	9.464814	56.749	0.484814
72.25	9.46596	56.999	0.48596
72.5	9.465549	57.249	0.485549
72.75	9.464589	57.499	0.484589
73	9.465245	57.749	0.485245
73.25	9.46647	57.999	0.48647
73.5	9.464364	58.249	0.484364
73.75	9.464528	58.499	0.484528
74	9.464713	58.749	0.484713
74.25	9.464814	58.999	0.484814
74.5	9.463541	59.249	0.483541
74.75	9.462453	59.499	0.482453
75	9.463299	59.749	0.483299
75.25	9.464101	59.999	0.484101
75.5	9.466756	60.249	0.486756
75.75	9.465448	60.499	0.485448
76	9.464589	60.749	0.484589
76.25	9.464589	60.999	0.484589
76.5	9.463602	61.249	0.483602
76.75	9.465748	61.499	0.485748
77	9.46255	61.749	0.48255
77.25	9.463602	61.999	0.483602
77.5	9.463736	62.249	0.483736
77.75	9.464528	62.499	0.484528
78	9.46396	62.749	0.48396
78.251	9.463079	63	0.483079
78.501	9.46318	63.25	0.48318
78.751	9.463602	63.5	0.483602
78.996	9.46348	63.745	0.48348
79.251	9.461436	64	0.481436
79.501	9.463511	64.25	0.483511
79.751	9.461783	64.5	0.481783
80.001	9.463806	64.75	0.483806
80.251	9.464017	65	0.484017
80.501	9.463391	65.25	0.483391
80.751	9.460168	65.5	0.480168
81.001	9.459952	65.75	0.479952
81.251	9.463299	66	0.483299
81.501	9.463391	66.25	0.483391
81.751	9.461211	66.5	0.481211
82.001	9.463162	66.75	0.483162
82.251	9.460018	67	0.480018

82.501	9.460952	67.25	0.480952
82.751	9.462933	67.5	0.482933
83.001	9.461731	67.75	0.481731
83.251	9.462153	68	0.482153
83.501	9.462153	68.25	0.482153
83.751	9.458283	68.5	0.478283
84	9.462568	68.749	0.482568
84.25	9.464017	68.999	0.484017
84.5	9.460661	69.249	0.480661
84.75	9.462661	69.499	0.482661
85	9.460383	69.749	0.480383
85.25	9.461159	69.999	0.481159
85.5	9.461436	70.249	0.481436
85.75	9.461018	70.499	0.481018
86	9.459379	70.749	0.479379
86.25	9.462661	70.999	0.482661
86.5	9.461551	71.249	0.481551
86.75	9.461783	71.499	0.481783
87	9.463162	71.749	0.483162
87.25	9.459379	71.999	0.479379
87.5	9.464101	72.249	0.484101
87.75	9.462568	72.499	0.482568
88	9.459296	72.749	0.479296
88.25	9.460538	72.999	0.480538
88.5	9.45952	73.249	0.47952
88.75	9.461731	73.499	0.481731
89	9.46149	73.749	0.48149
89.25	9.459172	73.999	0.479172
89.5	9.462453	74.249	0.482453
89.75	9.460383	74.499	0.480383
90	9.461569	74.749	0.481569
90.25	9.461643	74.999	0.481643
90.5	9.636707	75.249	0.656707
90.75	9.465245	75.499	0.485245
91.001	9.478634	75.75	0.498634
91.251	9.546935	76	0.566935
91.496	9.507052	76.245	0.527052
91.751	9.468663	76.5	0.488663
92.001	9.527355	76.75	0.547355
92.251	9.508162	77	0.528162
92.501	9.480108	77.25	0.500108
92.751	9.507119	77.5	0.527119
93.001	9.518499	77.75	0.538499
93.251	9.489283	78	0.509283
93.501	9.495422	78.25	0.515422
93.751	9.506564	78.5	0.526564
94.001	9.507207	78.75	0.527207

94.251	9.459868	79	0.479868
94.501	9.499236	79.25	0.519236
94.751	9.490933	79.5	0.510933
95.001	9.45376	79.75	0.47376
95.251	9.469504	80	0.489504
95.501	9.483191	80.25	0.503191
95.751	9.457288	80.5	0.477288
96.001	9.443191	80.75	0.463191
96.251	9.45391	81	0.47391
96.5	9.47131	81.249	0.49131
96.75	9.447871	81.499	0.467871
97	9.423192	81.749	0.443192
97.25	9.452268	81.999	0.472268
97.5	9.456139	82.249	0.476139
97.75	9.436502	82.499	0.456502
98	9.448589	82.749	0.468589
98.25	9.455429	82.999	0.475429
98.5	9.442543	83.249	0.462543
98.75	9.448792	83.499	0.468792
99	9.455626	83.749	0.475626
99.25	9.448868	83.999	0.468868
99.5	9.446789	84.249	0.466789
99.75	9.452029	84.499	0.472029
100	9.448947	84.749	0.468947
100.25	9.448365	84.999	0.468365
100.5	9.451519	85.249	0.471519
100.75	9.452681	85.499	0.472681
101	9.449149	85.749	0.469149
101.25	9.451034	85.999	0.471034
101.5	9.452184	86.249	0.472184
101.75	9.451333	86.499	0.471333
102	9.450809	86.749	0.470809
102.25	9.450734	86.999	0.470734
102.5	9.450096	87.249	0.470096
102.75	9.449294	87.499	0.469294
103	9.452268	87.749	0.472268
103.25	9.451972	87.999	0.471972
103.501	9.480884	88.25	0.500884
103.751	9.478299	88.5	0.498299
104.001	9.439878	88.75	0.459878
104.251	9.437928	89	0.457928
104.501	9.457288	89.25	0.477288
104.751	9.453482	89.5	0.473482
105.001	9.44563	89.75	0.46563
105.251	9.44556	90	0.46556
105.501	9.454901	90.25	0.474901
105.751	9.446498	90.5	0.466498

106.001	9.446995	90.75	0.466995
106.251	9.453615	91	0.473615
106.501	9.450162	91.25	0.470162
106.751	9.449232	91.5	0.469232
107.001	9.452681	91.75	0.472681
107.251	9.451893	92	0.471893
107.501	9.448453	92.25	0.468453
107.751	9.451893	92.5	0.471893
108.001	9.451113	92.75	0.471113
108.251	9.449602	93	0.469602
108.501	9.452765	93.25	0.472765
108.751	9.451813	93.5	0.471813
109.001	9.449523	93.75	0.469523
109.25	9.452765	93.999	0.472765
109.5	9.452681	94.249	0.472681
109.75	9.459216	94.499	0.479216
110	9.445344	94.749	0.465344
110.25	9.447423	94.999	0.467423
110.5	9.456353	95.249	0.476353
110.75	9.450885	95.499	0.470885
111	9.44633	95.749	0.46633
111.25	9.452601	95.999	0.472601
111.5	9.453197	96.249	0.473197
111.75	9.464057	96.499	0.484057
112	9.49607	96.749	0.51607
112.25	9.485363	96.999	0.505363
112.5	9.469086	97.249	0.489086
112.75	9.489084	97.499	0.509084
113	9.559896	97.749	0.579896
113.25	9.568612	97.999	0.588612
113.5	9.365767	98.249	0.385767
113.75	9.560456	98.499	0.580456
114	9.433396	98.749	0.453396
114.25	9.461551	98.999	0.481551
114.5	9.514266	99.249	0.534266
114.75	9.417431	99.499	0.437431
115	9.40045	99.749	0.42045
115.25	9.472965	99.999	0.492965
115.5	9.44966	100.249	0.46966
115.75	9.416916	100.499	0.436916
116	9.457362	100.749	0.477362
116.251	9.455852	101	0.475852
116.501	9.428575	101.25	0.448575
116.75	9.447074	101.499	0.467074
117.001	9.454992	101.75	0.474992
117.251	9.438438	102	0.458438
117.501	9.444997	102.25	0.464997

117.751	9.451972	102.5	0.471972
118.001	9.442909	102.75	0.462909
118.251	9.443191	103	0.463191
118.501	9.453395	103.25	0.473395
118.751	9.445925	103.5	0.465925
119.001	9.442309	103.75	0.462309
119.251	9.450603	104	0.470603
119.501	9.448	104.25	0.468
119.751	9.443485	104.5	0.463485
120.001	9.447423	104.75	0.467423
120.251	9.448665	105	0.468665
120.501	9.445203	105.25	0.465203
120.751	9.448153	105.5	0.468153
121.001	9.449876	105.75	0.469876
121.251	9.446995	106	0.466995
121.501	9.447423	106.25	0.467423
121.75	9.449876	106.499	0.469876
122	9.449232	106.749	0.469232
122.25	9.446414	106.999	0.466414
122.5	9.449523	107.249	0.469523
122.75	9.448088	107.499	0.468088
123	9.448299	107.749	0.468299
123.25	9.447643	107.999	0.467643
123.5	9.449088	108.249	0.469088
123.75	9.446498	108.499	0.466498
124	9.446414	108.749	0.466414
124.25	9.450603	108.999	0.470603
124.5	9.44633	109.249	0.46633
124.75	9.448722	109.499	0.468722
125	9.446868	109.749	0.466868
125.25	9.448	109.999	0.468
125.5	9.447074	110.249	0.467074
125.75	9.447511	110.499	0.467511
126	9.449736	110.749	0.469736
126.25	9.448589	110.999	0.468589
126.5	9.446414	111.249	0.466414
126.75	9.448299	111.499	0.468299
127	9.446868	111.749	0.466868
127.25	9.448215	111.999	0.468215
127.5	9.449294	112.249	0.469294
127.75	9.445925	112.499	0.465925
128	9.446868	112.749	0.466868
128.25	9.446498	112.999	0.466498
128.5	9.449736	113.249	0.469736
128.751	9.447211	113.5	0.467211
129.001	9.44995	113.75	0.46995
129.251	9.445776	114	0.465776

129.501	9.448153	114.25	0.468153
129.751	9.448153	114.5	0.468153
130.001	9.447136	114.75	0.467136
130.251	9.44633	115	0.46633
130.501	9.446995	115.25	0.466995
130.751	9.448665	115.5	0.468665
131.001	9.447708	115.75	0.467708
131.251	9.448153	116	0.468153
131.501	9.447295	116.25	0.467295
131.751	9.448088	116.5	0.468088
132.001	9.446264	116.75	0.466264
132.251	9.447295	117	0.467295
132.501	9.446498	117.25	0.466498
132.751	9.448947	117.5	0.468947
133.001	9.447211	117.75	0.467211
133.251	9.447074	118	0.467074
133.501	9.446198	118.25	0.466198
133.751	9.448665	118.5	0.468665
134.001	9.444745	118.75	0.464745
134.251	9.444819	119	0.464819
134.5	9.446789	119.249	0.466789
134.75	9.446264	119.499	0.466264
135	9.447643	119.749	0.467643
135.25	9.446868	119.999	0.466868
135.5	9.445776	120.249	0.465776
135.75	9.447211	120.499	0.467211
136	9.445776	120.749	0.465776
136.25	9.446198	120.999	0.466198
136.5	9.450162	121.249	0.470162
136.75	9.447805	121.499	0.467805
137	9.447708	121.749	0.467708
137.25	9.448215	121.999	0.468215
137.5	9.446498	122.249	0.466498
137.75	9.447136	122.499	0.467136
138	9.444745	122.749	0.464745
138.25	9.447643	122.999	0.467643
138.5	9.447511	123.249	0.467511
138.75	9.447805	123.499	0.467805
139	9.447805	123.749	0.467805
139.25	9.447074	123.999	0.467074
139.5	9.447581	124.249	0.467581
139.75	9.447366	124.499	0.467366
140	9.447366	124.749	0.467366
140.25	9.447938	124.999	0.467938
140.5	9.447871	125.249	0.467871
140.75	9.446727	125.499	0.466727
141	9.447871	125.749	0.467871

141.25	9.448365	125.999	0.468365
141.501	9.446727	126.25	0.466727
141.751	9.44308	126.5	0.46308
141.999	9.448299	126.748	0.468299
142.251	9.445847	127	0.465847
142.501	9.446921	127.25	0.466921
142.751	9.447211	127.5	0.467211
143.001	9.445847	127.75	0.465847
143.251	9.44423	128	0.46423
143.501	9.442997	128.25	0.462997
143.751	9.446141	128.5	0.466141
144.001	9.44556	128.75	0.46556
144.251	9.443943	129	0.463943
144.501	9.447366	129.25	0.467366
144.751	9.44423	129.5	0.46423
145.001	9.448665	129.75	0.468665
145.251	9.44604	130	0.46604
145.501	9.44563	130.25	0.46563
145.751	9.447643	130.5	0.467643
146.001	9.448215	130.75	0.468215
146.251	9.445776	131	0.465776
146.501	9.446995	131.25	0.466995
146.751	9.446727	131.5	0.466727
147	9.446727	131.749	0.466727
147.25	9.445776	131.999	0.465776
147.5	9.44563	132.249	0.46563
147.75	9.44563	132.499	0.46563
148	9.446198	132.749	0.466198
148.25	9.446141	132.999	0.466141
148.5	9.446066	133.249	0.466066
148.75	9.447136	133.499	0.467136
149	9.446995	133.749	0.466995
149.25	9.446789	133.999	0.466789
149.5	9.444997	134.249	0.464997
149.75	9.446414	134.499	0.466414
150	9.446995	134.749	0.466995
150.25	9.445009	134.999	0.465009
150.5	9.444366	135.249	0.464366
150.75	9.443159	135.499	0.463159
151	9.44633	135.749	0.46633
151.25	9.447136	135.999	0.467136
151.5	9.444261	136.249	0.464261
151.75	9.443789	136.499	0.463789
152	9.445776	136.749	0.465776
152.25	9.446198	136.999	0.466198
152.5	9.445776	137.249	0.465776
152.75	9.443943	137.499	0.463943

153	9.443036	137.749	0.463036
153.25	9.445524	137.999	0.465524
153.5	9.44401	138.249	0.46401
153.75	9.446498	138.499	0.466498
154.001	9.446198	138.75	0.466198
154.251	9.44452	139	0.46452
154.501	9.444261	139.25	0.464261
154.751	9.44279	139.5	0.46279
155.001	9.448	139.75	0.468
155.251	9.446921	140	0.466921
155.501	9.443517	140.25	0.463517
155.751	9.446198	140.5	0.466198
156.001	9.44512	140.75	0.46512
156.251	9.445291	141	0.465291
156.501	9.445291	141.25	0.465291
156.751	9.444899	141.5	0.464899
157.001	9.442636	141.75	0.462636
157.251	9.44563	142	0.46563
157.501	9.444899	142.25	0.464899
157.751	9.444855	142.5	0.464855
158.001	9.445203	142.75	0.465203
158.251	9.443287	143	0.463287
158.501	9.442847	143.25	0.462847
158.751	9.443438	143.5	0.463438
159.001	9.443719	143.75	0.463719
159.251	9.444595	144	0.464595
159.501	9.443332	144.25	0.463332
159.751	9.442441	144.5	0.462441
160.001	9.442441	144.75	0.462441
160.25	9.443159	144.999	0.463159
160.5	9.442348	145.249	0.462348
160.75	9.442001	145.499	0.462001
161	9.442935	145.749	0.462935
161.25	9.441917	145.999	0.461917
161.5	9.44467	146.249	0.46467
161.75	9.442138	146.499	0.462138
162	9.442498	146.749	0.462498
162.25	9.44441	146.999	0.46441
162.5	9.444962	147.249	0.464962
162.75	9.443371	147.499	0.463371
163	9.444476	147.749	0.464476
163.25	9.442997	147.999	0.462997
163.5	9.442441	148.249	0.462441
163.75	9.441724	148.499	0.461724
164	9.442569	148.749	0.462569
164.25	9.440777	148.999	0.460777
164.5	9.442935	149.249	0.462935

164.75	9.442138	149.499	0.462138
165	9.442001	149.749	0.462001
165.25	9.442441	149.999	0.462441
165.5	9.44279	150.249	0.46279
165.75	9.441354	150.499	0.461354
166	9.443583	150.749	0.463583
166.25	9.443216	150.999	0.463216
166.5	9.442138	151.249	0.462138
166.75	9.442348	151.499	0.462348
167	9.44227	151.749	0.46227
167.251	9.44227	152	0.46227
167.501	9.44113	152.25	0.46113
167.75	9.44279	152.499	0.46279
168.001	9.441055	152.75	0.461055
168.251	9.442067	153	0.462067
168.501	9.443287	153.25	0.463287
168.751	9.441569	153.5	0.461569
169.001	9.44142	153.75	0.46142
169.251	9.440289	154	0.460289
169.501	9.442543	154.25	0.462543
169.751	9.444855	154.5	0.464855
170.001	9.444049	154.75	0.464049
170.251	9.441055	155	0.461055
170.501	9.442001	155.25	0.462001
170.751	9.441055	155.5	0.461055
171.001	9.442847	155.75	0.462847
171.251	9.442138	156	0.462138
171.501	9.442001	156.25	0.462001
171.751	9.44541	156.5	0.46541
172.001	9.441504	156.75	0.461504
172.251	9.441055	157	0.461055
172.501	9.44179	157.25	0.46179
172.751	9.441856	157.5	0.461856
173	9.441569	157.749	0.461569
173.25	9.442001	157.999	0.462001
173.5	9.444167	158.249	0.464167
173.75	9.443036	158.499	0.463036
174	9.44179	158.749	0.46179
174.25	9.443216	158.999	0.463216
174.5	9.443252	159.249	0.463252
174.75	9.443438	159.499	0.463438
175	9.441569	159.749	0.461569
175.25	9.441724	159.999	0.461724
175.5	9.443693	160.249	0.463693
175.75	9.441354	160.499	0.461354
176	9.441001	160.749	0.461001
176.25	9.440922	160.999	0.460922

176.5	9.44308	161.249	0.46308
176.75	9.439196	161.499	0.459196
177	9.441213	161.749	0.461213
177.25	9.441001	161.999	0.461001
177.5	9.441569	162.249	0.461569
177.75	9.442719	162.499	0.462719
178	9.441569	162.749	0.461569
178.25	9.440777	162.999	0.460777
178.5	9.440561	163.249	0.460561
178.75	9.441055	163.499	0.461055
179	9.442498	163.749	0.462498
179.25	9.440777	163.999	0.460777
179.5	9.439258	164.249	0.459258
179.75	9.442441	164.499	0.462441
180.001	9.441055	164.75	0.461055
180.251	9.440632	165	0.460632
180.496	9.44164	165.245	0.46164
180.751	9.439984	165.5	0.459984
181.001	9.443036	165.75	0.463036
181.251	9.439905	166	0.459905
181.501	9.440346	166.25	0.460346
181.751	9.440495	166.5	0.460495
182.001	9.439553	166.75	0.459553
182.251	9.438768	167	0.458768
182.501	9.440847	167.25	0.460847
182.751	9.440847	167.5	0.460847
183.001	9.437689	167.75	0.457689
183.251	9.441504	168	0.461504
183.501	9.441504	168.25	0.461504
183.751	9.440632	168.5	0.460632
184.001	9.439196	168.75	0.459196
184.251	9.440495	169	0.460495
184.501	9.438469	169.25	0.458469
184.751	9.440063	169.5	0.460063
185.001	9.440346	169.75	0.460346
185.251	9.441278	170	0.461278
185.5	9.439984	170.249	0.459984
185.75	9.439403	170.499	0.459403
186	9.440777	170.749	0.460777
186.25	9.440117	170.999	0.460117
186.5	9.43961	171.249	0.45961
186.75	9.438403	171.499	0.458403
187	9.43961	171.749	0.45961
187.25	9.439984	171.999	0.459984
187.5	9.438615	172.249	0.458615
187.75	9.440289	172.499	0.460289
188	9.439984	172.749	0.459984

188.25	9.439852	172.999	0.459852
188.5	9.440289	173.249	0.460289
188.75	9.437905	173.499	0.457905
189	9.438768	173.749	0.458768
189.25	9.438768	173.999	0.458768
189.5	9.440632	174.249	0.460632
189.75	9.440632	174.499	0.460632
190	9.4395	174.749	0.4595
190.25	9.439037	174.999	0.459037
190.5	9.440495	175.249	0.460495
190.75	9.438676	175.499	0.458676
191	9.438333	175.749	0.458333
191.25	9.438676	175.999	0.458676
191.5	9.439258	176.249	0.459258
191.75	9.43784	176.499	0.45784
192	9.439112	176.749	0.459112
192.25	9.438676	176.999	0.458676
192.501	9.43898	177.25	0.45898
192.751	9.439755	177.5	0.459755
193.001	9.439112	177.75	0.459112
193.251	9.440346	178	0.460346
193.501	9.439852	178.25	0.459852
193.751	9.43739	178.5	0.45739
194.001	9.439403	178.75	0.459403
194.251	9.439037	179	0.459037
194.501	9.437346	179.25	0.457346
194.751	9.438196	179.5	0.458196
195.001	9.440204	179.75	0.460204
195.251	9.436822	180	0.456822
195.501	9.4395	180.25	0.4595
195.751	9.439694	180.5	0.459694
196.001	9.439852	180.75	0.459852
196.251	9.439694	181	0.459694
196.501	9.440922	181.25	0.460922
196.751	9.439258	181.5	0.459258
197.001	9.438835	181.75	0.458835
197.251	9.440632	182	0.460632
197.501	9.439112	182.25	0.459112
197.751	9.439694	182.5	0.459694
198.001	9.439553	182.75	0.459553
198.25	9.439694	182.999	0.459694
198.5	9.438676	183.249	0.458676
198.75	9.440847	183.499	0.460847
199	9.436532	183.749	0.456532
199.25	9.435522	183.999	0.455522
199.5	9.435809	184.249	0.455809
199.75	9.438333	184.499	0.458333

200	9.436748	184.749	0.456748
200.25	9.436602	184.999	0.456602
200.5	9.43784	185.249	0.45784
200.75	9.436532	185.499	0.456532
201	9.437346	185.749	0.457346
201.25	9.43961	185.999	0.45961
201.5	9.438403	186.249	0.458403
201.75	9.436686	186.499	0.456686
202	9.437905	186.749	0.457905
202.25	9.436975	186.999	0.456975
202.5	9.437689	187.249	0.457689
202.75	9.438117	187.499	0.458117
203	9.440716	187.749	0.460716
203.25	9.437346	187.999	0.457346
203.5	9.438615	188.249	0.458615
203.75	9.438768	188.499	0.458768
204	9.438768	188.749	0.458768
204.25	9.439112	188.999	0.459112
204.5	9.439852	189.249	0.459852
204.75	9.441213	189.499	0.461213
205	9.439196	189.749	0.459196
205.251	9.440204	190	0.460204
205.501	9.438615	190.25	0.458615
205.751	9.43784	190.5	0.45784
206.001	9.438469	190.75	0.458469
206.251	9.439694	191	0.459694
206.501	9.438835	191.25	0.458835
206.751	9.437037	191.5	0.457037
207.001	9.437175	191.75	0.457175
207.251	9.436822	192	0.456822
207.501	9.439196	192.25	0.459196
207.751	9.437175	192.5	0.457175
208.001	9.437905	192.75	0.457905
208.251	9.438676	193	0.458676
208.501	9.438768	193.25	0.458768
208.751	9.439037	193.5	0.459037
209.001	9.436748	193.75	0.456748
209.251	9.437615	194	0.457615
209.501	9.438676	194.25	0.458676
209.751	9.436884	194.5	0.456884
210.001	9.436475	194.75	0.456475
210.251	9.438196	195	0.458196
210.501	9.436532	195.25	0.456532
210.75	9.438919	195.499	0.458919
211	9.43784	195.749	0.45784
211.25	9.43739	195.999	0.45739
211.5	9.437976	196.249	0.457976

211.75	9.436235	196.499	0.456235
212	9.439112	196.749	0.459112
212.25	9.437689	196.999	0.457689
212.5	9.436316	197.249	0.456316
212.75	9.43739	197.499	0.45739
213	9.438033	197.749	0.458033
213.25	9.439403	197.999	0.459403
213.5	9.453513	198.249	0.473513
213.75	9.446463	198.499	0.466463
214	9.440716	198.749	0.460716
214.25	9.445238	198.999	0.465238
214.5	9.44423	199.249	0.46423
214.75	9.436532	199.499	0.456532
215	9.430996	199.749	0.450996
215.25	9.440495	199.999	0.460495
215.5	9.437976	200.249	0.457976
215.75	9.431634	200.499	0.451634
216	9.437113	200.749	0.457113
216.25	9.43898	200.999	0.45898
216.5	9.432163	201.249	0.452163
216.75	9.435678	201.499	0.455678
217	9.438033	201.749	0.458033
217.25	9.436975	201.999	0.456975
217.5	9.435959	202.249	0.455959
217.751	9.442348	202.5	0.462348
218.001	9.434885	202.75	0.454885
218.248	9.497681	202.997	0.517681
218.501	9.493717	203.25	0.513717
218.751	9.452007	203.5	0.472007
219.001	9.434805	203.75	0.454805
219.251	9.446529	204	0.466529
219.501	9.446582	204.25	0.466582
219.751	9.418463	204.5	0.438463
220.001	9.436602	204.75	0.456602
220.251	9.446582	205	0.466582
220.501	9.425465	205.25	0.445465
220.751	9.433136	205.5	0.453136
221.001	9.443789	205.75	0.463789
221.251	9.434805	206	0.454805
221.501	9.431709	206.25	0.451709
221.751	9.441213	206.5	0.461213
222.001	9.433937	206.75	0.453937
222.251	9.432211	207	0.452211
222.501	9.437742	207.25	0.457742
222.751	9.435522	207.5	0.455522
223.001	9.435298	207.75	0.455298
223.251	9.435522	208	0.455522

223.5	9.435809	208.249	0.455809
223.75	9.435598	208.499	0.455598
224	9.720881	208.749	0.740881
224.25	9.457543	208.999	0.477543
224.5	9.491784	209.249	0.511784
224.75	9.564935	209.499	0.584935
225	9.457266	209.749	0.477266
225.25	9.443159	209.999	0.463159
225.5	9.539903	210.249	0.559903
225.75	9.501297	210.499	0.521297
226	9.449475	210.749	0.469475
226.25	9.479034	210.999	0.499034
226.5	9.493435	211.249	0.513435
226.75	9.521075	211.499	0.541075
227	9.445076	211.749	0.465076
227.25	9.473442	211.999	0.493442
227.5	9.521851	212.249	0.541851
227.75	9.466175	212.499	0.486175
228	9.468774	212.749	0.488774
228.25	9.419065	212.999	0.439065
228.5	9.43004	213.249	0.45004
228.75	9.40007	213.499	0.42007
229	9.447462	213.749	0.467462
229.25	9.44855	213.999	0.46855
229.5	9.405396	214.249	0.425396
229.75	9.429265	214.499	0.449265
230	9.446463	214.749	0.466463
230.25	9.422082	214.999	0.442082
230.501	9.427666	215.25	0.447666
230.751	9.441354	215.5	0.461354
231.001	9.430784	215.75	0.450784
231.251	9.4266	216	0.4466
231.501	9.439196	216.25	0.459196
231.751	9.434523	216.5	0.454523
232.001	9.430274	216.75	0.450274
232.251	9.438196	217	0.458196
232.501	9.436316	217.25	0.456316
232.751	9.431489	217.5	0.451489
233.001	9.43466	217.75	0.45466
233.251	9.436029	218	0.456029
233.501	9.432285	218.25	0.452285
233.751	9.434805	218.5	0.454805
234.001	9.434378	218.75	0.454378
234.251	9.433735	219	0.453735
234.501	9.434004	219.25	0.454004
234.751	9.435598	219.5	0.455598
235.001	9.434717	219.75	0.454717

235.251	9.435298	220	0.455298
235.501	9.437536	220.25	0.457536
235.751	9.436475	220.5	0.456475
236	9.434717	220.749	0.454717
236.25	9.437346	220.999	0.457346
236.5	9.437175	221.249	0.457175
236.75	9.436316	221.499	0.456316
237	9.436748	221.749	0.456748
237.25	9.435522	221.999	0.455522
237.5	9.434589	222.249	0.454589
237.75	9.437689	222.499	0.457689
238	9.434717	222.749	0.454717
238.25	9.43503	222.999	0.45503
238.5	9.436475	223.249	0.456475
238.75	9.436686	223.499	0.456686
239	9.437448	223.749	0.457448
239.25	9.435678	223.999	0.455678
239.5	9.435726	224.249	0.455726
239.75	9.436316	224.499	0.456316
240	9.435959	224.749	0.455959
240.25	9.435809	224.999	0.455809
240.5	9.437113	225.249	0.457113
240.75	9.434805	225.499	0.454805
241	9.433735	225.749	0.453735
241.25	9.435678	225.999	0.455678
241.5	9.435726	226.249	0.455726
241.75	9.433937	226.499	0.453937
242	9.436884	226.749	0.456884
242.25	9.436475	226.999	0.456475
242.5	9.436475	227.249	0.456475
242.75	9.437689	227.499	0.457689
243.001	9.436029	227.75	0.456029
243.251	9.437615	228	0.457615
243.501	9.438919	228.25	0.458919
243.751	9.437615	228.5	0.457615
244.001	9.436602	228.75	0.456602
244.251	9.436975	229	0.456975
244.501	9.437223	229.25	0.457223
244.751	9.4361	229.5	0.4561
245.001	9.437037	229.75	0.457037
245.251	9.435439	230	0.455439
245.501	9.439403	230.25	0.459403
245.751	9.437742	230.5	0.457742
246.001	9.436029	230.75	0.456029
246.251	9.43784	231	0.45784
246.501	9.435439	231.25	0.455439
246.751	9.435249	231.5	0.455249

247.001	9.436532	231.75	0.456532
247.251	9.436975	232	0.456975
247.501	9.436235	232.25	0.456235
247.751	9.435678	232.5	0.455678
248.001	9.434378	232.75	0.454378
248.251	9.435598	233	0.455598
248.501	9.435598	233.25	0.455598
248.75	9.436029	233.499	0.456029
249	9.435382	233.749	0.455382
249.25	9.436532	233.999	0.456532
249.5	9.436235	234.249	0.456235
249.75	9.436686	234.499	0.456686
250	9.434885	234.749	0.454885
250.25	9.436686	234.999	0.456686
250.5	9.435827	235.249	0.455827
250.75	9.4361	235.499	0.4561
251	9.437175	235.749	0.457175
251.25	9.434004	235.999	0.454004
251.5	9.435082	236.249	0.455082
251.75	9.437615	236.499	0.457615
252	9.437536	236.749	0.457536
252.25	9.435382	236.999	0.455382
252.5	9.434717	237.249	0.454717
252.75	9.435809	237.499	0.455809
253	9.436029	237.749	0.456029
253.25	9.435598	237.999	0.455598
253.5	9.435162	238.249	0.455162
253.75	9.4361	238.499	0.4561
254	9.436532	238.749	0.456532
254.25	9.436975	238.999	0.456975
254.5	9.436532	239.249	0.456532
254.75	9.434523	239.499	0.454523
255	9.433893	239.749	0.453893
255.25	9.438196	239.999	0.458196
255.5	9.434885	240.249	0.454885
255.751	9.437346	240.5	0.457346
256.001	9.432973	240.75	0.452973
256.251	9.433348	241	0.453348
256.501	9.435439	241.25	0.455439
256.751	9.433225	241.5	0.453225
257.001	9.436235	241.75	0.456235
257.251	9.435726	242	0.455726
257.501	9.435598	242.25	0.455598
257.751	9.43503	242.5	0.45503
258.001	9.433533	242.75	0.453533
258.251	9.435959	243	0.455959
258.501	9.431679	243.25	0.451679

258.751	9.435249	243.5	0.455249
259.001	9.436235	243.75	0.456235
259.251	9.434717	244	0.454717
259.501	9.437037	244.25	0.457037
259.751	9.434805	244.5	0.454805
260.001	9.434149	244.75	0.454149
260.251	9.434885	245	0.454885
260.501	9.43503	245.25	0.45503
260.751	9.436822	245.5	0.456822
261.001	9.436602	245.75	0.456602
261.25	9.433986	245.999	0.453986
261.5	9.43466	246.249	0.45466
261.75	9.435544	246.499	0.455544
262	9.43503	246.749	0.45503
262.25	9.434061	246.999	0.454061
262.5	9.433185	247.249	0.453185
262.75	9.431969	247.499	0.451969
263	9.432638	247.749	0.452638
263.25	9.433937	247.999	0.453937
263.5	9.431679	248.249	0.451679
263.75	9.432369	248.499	0.452369
264	9.434083	248.749	0.454083
264.25	9.432682	248.999	0.452682
264.5	9.434216	249.249	0.454216
264.75	9.434299	249.499	0.454299
265	9.433114	249.749	0.453114
265.25	9.434083	249.999	0.454083
265.5	9.436029	250.249	0.456029
265.75	9.435678	250.499	0.455678
266	9.434216	250.749	0.454216
266.25	9.433572	250.999	0.453572
266.5	9.436029	251.249	0.456029
266.75	9.432555	251.499	0.452555
267	9.431026	251.749	0.451026
267.25	9.433647	251.999	0.453647
267.5	9.434589	252.249	0.454589
267.75	9.435249	252.499	0.455249
268	9.433735	252.749	0.453735
268.251	9.433876	253	0.453876
268.501	9.433225	253.25	0.453225
268.746	9.434452	253.495	0.454452
269.001	9.435678	253.75	0.455678
269.251	9.433796	254	0.453796
269.501	9.433136	254.25	0.453136
269.751	9.43337	254.5	0.45337
270.001	9.43466	254.75	0.45466
270.251	9.433735	255	0.453735

270.501	9.434589	255.25	0.454589
270.751	9.434083	255.5	0.454083
271.001	9.433796	255.75	0.453796
271.251	9.434004	256	0.454004
271.501	9.433735	256.25	0.453735
271.751	9.433735	256.5	0.453735
272.001	9.43337	256.75	0.45337
272.251	9.432934	257	0.452934
272.501	9.432797	257.25	0.452797
272.751	9.434149	257.5	0.454149
273.001	9.434717	257.75	0.454717
273.251	9.434149	258	0.454149
273.501	9.435249	258.25	0.455249
273.751	9.434946	258.5	0.454946
274	9.43337	258.749	0.45337
274.25	9.432797	258.999	0.452797
274.5	9.429084	259.249	0.449084
274.75	9.430652	259.499	0.450652
275	9.429675	259.749	0.449675
275.25	9.433937	259.999	0.453937
275.5	9.432163	260.249	0.452163
275.75	9.434885	260.499	0.454885
276	9.432638	260.749	0.452638
276.25	9.431383	260.999	0.451383
276.5	9.431995	261.249	0.451995
276.75	9.434004	261.499	0.454004
277	9.431237	261.749	0.451237
277.25	9.433012	261.999	0.453012
277.5	9.432934	262.249	0.452934
277.75	9.434004	262.499	0.454004
278	9.432934	262.749	0.452934
278.25	9.433572	262.999	0.453572
278.5	9.433647	263.249	0.453647
278.75	9.431489	263.499	0.451489
279	9.432973	263.749	0.452973
279.25	9.434523	263.999	0.454523
279.5	9.433647	264.249	0.453647
279.75	9.43337	264.499	0.45337
280	9.432771	264.749	0.452771
280.25	9.432446	264.999	0.452446
280.5	9.434216	265.249	0.454216
280.753	9.432503	265.502	0.452503
281.001	9.432163	265.75	0.452163
281.251	9.434378	266	0.454378
281.501	9.43503	266.25	0.45503
281.751	9.432503	266.5	0.452503
282.001	9.434589	266.75	0.454589

282.251	9.429084	267	0.449084
282.501	9.432285	267.25	0.452285
282.751	9.430917	267.5	0.450917
283.001	9.431026	267.75	0.451026
283.251	9.433533	268	0.453533
283.501	9.432446	268.25	0.452446
283.751	9.433647	268.5	0.453647
284.001	9.431524	268.75	0.451524
284.251	9.431969	269	0.451969
284.501	9.431383	269.25	0.451383
284.751	9.434216	269.5	0.454216
285.001	9.432446	269.75	0.452446
285.251	9.432638	270	0.452638
285.501	9.433091	270.25	0.453091
285.751	9.433937	270.5	0.453937
286.001	9.431634	270.75	0.451634
286.251	9.432727	271	0.452727
286.5	9.434946	271.249	0.454946
286.75	9.431132	271.499	0.451132
287	9.430806	271.749	0.450806
287.25	9.433225	271.999	0.453225
287.5	9.43337	272.249	0.45337
287.75	9.432638	272.499	0.452638
288	9.432638	272.749	0.452638
288.25	9.432369	272.999	0.452369
288.5	9.432446	273.249	0.452446
288.75	9.43111	273.499	0.45111
289	9.432727	273.749	0.452727
289.25	9.430652	273.999	0.450652
289.5	9.430957	274.249	0.450957
289.75	9.431789	274.499	0.451789
290	9.431334	274.749	0.451334
290.25	9.432934	274.999	0.452934
290.5	9.430957	275.249	0.450957
290.75	9.431709	275.499	0.451709
291	9.432285	275.749	0.452285
291.25	9.432369	275.999	0.452369
291.5	9.429521	276.249	0.449521
291.75	9.432555	276.499	0.452555
292	9.430859	276.749	0.450859
292.25	9.430899	276.999	0.450899
292.5	9.432285	277.249	0.452285
292.75	9.431489	277.499	0.451489
293	9.432868	277.749	0.452868
293.25	9.432079	277.999	0.452079
293.501	9.429992	278.25	0.449992
293.751	9.431577	278.5	0.451577

293.996	9.432285	278.745	0.452285
294.251	9.432285	279	0.452285
294.501	9.429477	279.25	0.449477
294.751	9.433876	279.5	0.453876
295.001	9.431273	279.75	0.451273
295.251	9.431616	280	0.451616
295.501	9.431995	280.25	0.451995
295.751	9.431273	280.5	0.451273
296.001	9.431132	280.75	0.451132
296.251	9.428081	281	0.448081
296.501	9.431577	281.25	0.451577
296.751	9.431132	281.5	0.451132
297.001	9.428802	281.75	0.448802
297.251	9.432211	282	0.452211
297.501	9.429762	282.25	0.449762
297.751	9.430573	282.5	0.450573
298.001	9.431423	282.75	0.451423
298.251	9.43004	283	0.45004
298.501	9.43004	283.25	0.45004
298.751	9.429564	283.5	0.449564
299	9.431577	283.749	0.451577
299.25	9.429198	283.999	0.449198
299.5	9.429903	284.249	0.449903
299.75	9.430996	284.499	0.450996
300	9.431789	284.749	0.451789
300.25	9.429477	284.999	0.449477
300.5	9.430375	285.249	0.450375
300.75	9.427644	285.499	0.447644
301	9.428142	285.749	0.448142
301.25	9.429128	285.999	0.449128
301.5	9.430917	286.249	0.450917
301.75	9.429304	286.499	0.449304
302	9.427068	286.749	0.447068
302.25	9.430335	286.999	0.450335
302.5	9.43122	287.249	0.45122
302.75	9.427371	287.499	0.447371
303	9.428948	287.749	0.448948
303.25	9.427433	287.999	0.447433
303.5	9.431132	288.249	0.451132
303.75	9.429375	288.499	0.449375
304	9.430714	288.749	0.450714
304.25	9.427644	288.999	0.447644
304.5	9.428821	289.249	0.448821
304.75	9.429697	289.499	0.449697
305	9.431339	289.749	0.451339
305.25	9.429049	289.999	0.449049
305.5	9.428767	290.249	0.448767

305.75	9.431995	290.499	0.451995
306	9.431489	290.749	0.451489
306.25	9.428948	290.999	0.448948
306.5	9.431273	291.249	0.451273
306.75	9.427578	291.499	0.447578
307	9.43004	291.749	0.45004
307.25	9.427578	291.999	0.447578
307.5	9.428583	292.249	0.448583
307.75	9.430402	292.499	0.450402
308	9.429762	292.749	0.449762
308.25	9.430784	292.999	0.450784
308.5	9.427296	293.249	0.447296
308.75	9.428081	293.499	0.448081
309	9.431489	293.749	0.451489
309.25	9.427371	293.999	0.447371
309.5	9.428244	294.249	0.448244
309.75	9.427217	294.499	0.447217
310	9.428767	294.749	0.448767
310.25	9.426636	294.999	0.446636
310.5	9.430714	295.249	0.450714
310.75	9.427147	295.499	0.447147
311	9.428583	295.749	0.448583
311.25	9.429137	295.999	0.449137
311.5	9.430146	296.249	0.450146
311.75	9.427371	296.499	0.447371
312	9.427644	296.749	0.447644
312.25	9.429697	296.999	0.449697
312.5	9.429564	297.249	0.449564
312.75	9.429697	297.499	0.449697
313	9.432638	297.749	0.452638
313.25	9.430146	297.999	0.450146
313.5	9.429344	298.249	0.449344
313.75	9.427644	298.499	0.447644
314	9.427002	298.749	0.447002
314.25	9.425878	298.999	0.445878
314.5	9.428821	299.249	0.448821
314.75	9.426288	299.499	0.446288
315	9.42849	299.749	0.44849
315.25	9.425552	299.999	0.445552
315.5	9.426745	300.249	0.446745
315.75	9.429445	300.499	0.449445
316	9.428821	300.749	0.448821
316.25	9.427371	300.999	0.447371
316.5	9.427103	301.249	0.447103
316.75	9.428045	301.499	0.448045
317	9.427718	301.749	0.447718
317.25	9.428609	301.999	0.448609

317.5	9.427953	302.249	0.447953
317.75	9.426067	302.499	0.446067
318	9.429846	302.749	0.449846
318.25	9.428045	302.999	0.448045
318.5	9.426777	303.249	0.446777
318.751	9.428397	303.5	0.448397
319.001	9.428116	303.75	0.448116
319.249	9.42797	303.998	0.44797
319.501	9.425936	304.25	0.445936
319.751	9.427608	304.5	0.447608
320.001	9.428904	304.75	0.448904
320.251	9.426856	305	0.446856
320.501	9.429903	305.25	0.449903
320.751	9.425636	305.5	0.445636
321.001	9.42849	305.75	0.44849
321.251	9.426856	306	0.446856
321.501	9.42635	306.25	0.44635
321.751	9.425389	306.5	0.445389
322.001	9.42635	306.75	0.44635
322.251	9.42779	307	0.44779
322.501	9.428609	307.25	0.448609
322.751	9.426208	307.5	0.446208
323.001	9.425482	307.75	0.445482
323.251	9.42391	308	0.44391
323.501	9.425196	308.25	0.445196
323.751	9.422976	308.5	0.442976
324.001	9.426133	308.75	0.446133
324.25	9.42635	308.999	0.44635
324.5	9.425196	309.249	0.445196
324.75	9.429049	309.499	0.449049
325	9.428609	309.749	0.448609
325.25	9.428481	309.999	0.448481
325.5	9.427666	310.249	0.447666
325.75	9.426208	310.499	0.446208
326	9.427608	310.749	0.447608
326.25	9.425411	310.999	0.445411
326.5	9.427512	311.249	0.447512
326.75	9.427578	311.499	0.447578
327	9.42897	311.749	0.44897
327.25	9.424663	311.999	0.444663
327.5	9.427393	312.249	0.447393
327.75	9.426288	312.499	0.446288
328	9.429618	312.749	0.449618
328.25	9.428525	312.999	0.448525
328.5	9.429234	313.249	0.449234
328.75	9.428821	313.499	0.448821
329	9.42586	313.749	0.44586

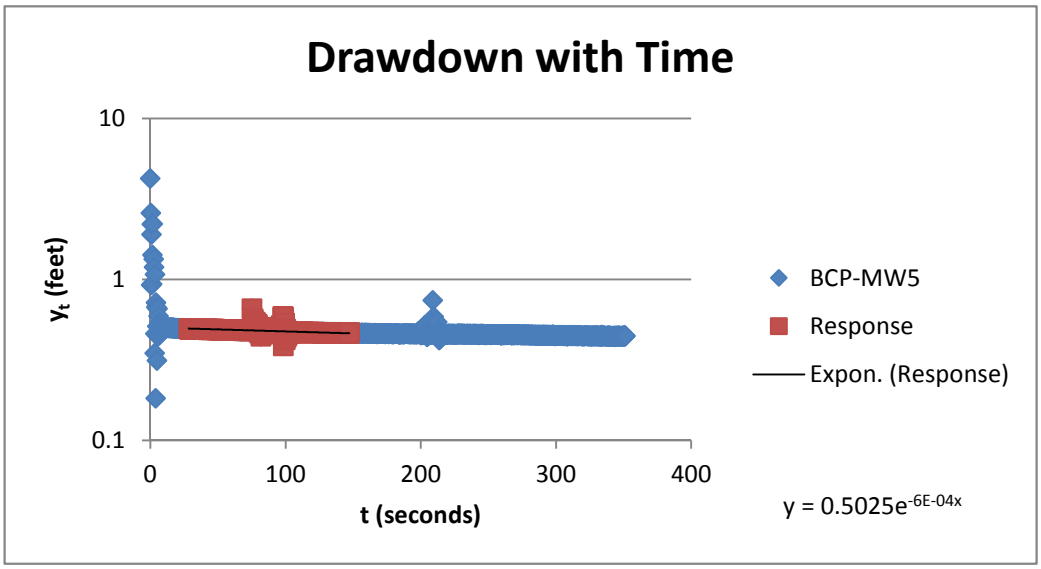
329.25	9.429618	313.999	0.449618
329.5	9.42635	314.249	0.44635
329.75	9.427217	314.499	0.447217
330	9.42586	314.749	0.44586
330.25	9.425055	314.999	0.445055
330.5	9.426067	315.249	0.446067
330.75	9.426579	315.499	0.446579
331	9.427953	315.749	0.447953
331.25	9.425055	315.999	0.445055
331.5	9.425196	316.249	0.445196
331.75	9.427838	316.499	0.447838
332	9.425196	316.749	0.445196
332.25	9.424923	316.999	0.444923
332.5	9.426856	317.249	0.446856
332.75	9.427103	317.499	0.447103
333	9.42642	317.749	0.44642
333.25	9.427002	317.999	0.447002
333.5	9.425936	318.249	0.445936
333.75	9.426208	318.499	0.446208
334	9.425552	318.749	0.445552
334.25	9.42435	318.999	0.44435
334.5	9.424975	319.249	0.444975
334.75	9.422334	319.499	0.442334
335	9.423976	319.749	0.443976
335.25	9.424117	319.999	0.444117
335.5	9.424975	320.249	0.444975
335.75	9.425345	320.499	0.445345
336	9.424565	320.749	0.444565
336.25	9.424398	320.999	0.444398
336.5	9.425636	321.249	0.445636
336.75	9.424698	321.499	0.444698
337	9.427103	321.749	0.447103
337.25	9.428525	321.999	0.448525
337.5	9.424975	322.249	0.444975
337.75	9.426288	322.499	0.446288
338	9.427539	322.749	0.447539
338.25	9.424923	322.999	0.444923
338.5	9.424117	323.249	0.444117
338.75	9.424839	323.499	0.444839
339	9.426499	323.749	0.446499
339.25	9.423821	323.999	0.443821
339.5	9.424398	324.249	0.444398
339.75	9.424491	324.499	0.444491
340	9.424839	324.749	0.444839
340.25	9.424565	324.999	0.444565
340.5	9.427296	325.249	0.447296
340.75	9.422615	325.499	0.442615

341	9.424117	325.749	0.444117
341.25	9.423689	325.999	0.443689
341.5	9.424923	326.249	0.444923
341.75	9.423689	326.499	0.443689
342.001	9.424398	326.75	0.444398
342.251	9.423606	327	0.443606
342.501	9.4266	327.25	0.4466
342.751	9.423332	327.5	0.443332
343.001	9.426019	327.75	0.446019
343.251	9.424275	328	0.444275
343.501	9.424975	328.25	0.444975
343.751	9.424839	328.5	0.444839
344.001	9.425636	328.75	0.445636
344.251	9.42305	329	0.44305
344.501	9.424491	329.25	0.444491
344.751	9.424663	329.5	0.444663
345.007	9.424275	329.756	0.444275
345.256	9.426311	330.005	0.446311
345.501	9.429947	330.25	0.449947
345.756	9.425759	330.505	0.445759
346.001	9.423478	330.75	0.443478
346.251	9.423399	331	0.443399
346.501	9.424958	331.25	0.444958
346.751	9.422334	331.5	0.442334
347.001	9.4242	331.75	0.4442
347.251	9.42435	332	0.44435
347.501	9.423478	332.25	0.443478
347.751	9.427539	332.5	0.447539
348.001	9.421245	332.75	0.441245
348.251	9.423976	333	0.443976
348.501	9.423266	333.25	0.443266
348.751	9.423201	333.5	0.443201
349.001	9.430524	333.75	0.450524
349.249	9.424024	333.998	0.444024
349.501	9.422615	334.25	0.442615
349.751	9.423478	334.5	0.443478
350.001	9.424587	334.75	0.444587
350.251	9.422457	335	0.442457
350.501	9.426177	335.25	0.446177
350.751	9.424099	335.5	0.444099
351.001	9.424663	335.75	0.444663
351.251	9.424156	336	0.444156
351.501	9.425112	336.25	0.445112
351.751	9.423689	336.5	0.443689
352.001	9.422686	336.75	0.442686
352.251	9.423332	337	0.443332
352.501	9.422901	337.25	0.442901

352.751	9.421448	337.5	0.441448
353.001	9.424879	337.75	0.444879
353.251	9.423399	338	0.443399
353.501	9.423729	338.25	0.443729
353.751	9.427037	338.5	0.447037
354.001	9.423729	338.75	0.443729
354.251	9.426111	339	0.446111
354.501	9.421545	339.25	0.441545
354.751	9.421757	339.5	0.441757
355	9.425734	339.749	0.445734
355.25	9.421673	339.999	0.441673
355.5	9.42435	340.249	0.44435
355.75	9.422526	340.499	0.442526
356	9.422253	340.749	0.442253
356.25	9.423201	340.999	0.443201
356.5	9.423399	341.249	0.443399
356.75	9.422188	341.499	0.442188
357	9.422042	341.749	0.442042
357.251	9.422686	342	0.442686
357.501	9.423266	342.25	0.443266
357.751	9.421113	342.5	0.441113
358.001	9.421968	342.75	0.441968
358.251	9.425314	343	0.445314
358.501	9.423266	343.25	0.443266
358.751	9.424795	343.5	0.444795
359.001	9.421245	343.75	0.441245
359.251	9.421757	344	0.441757
359.501	9.4198	344.25	0.4398
359.751	9.424663	344.5	0.444663
360.001	9.421021	344.75	0.441021
360.251	9.425169	345	0.445169
360.501	9.422112	345.25	0.442112
360.751	9.424314	345.5	0.444314
361.001	9.422835	345.75	0.442835
361.251	9.420299	346	0.440299
361.501	9.426177	346.25	0.446177
361.751	9.422404	346.5	0.442404
362.001	9.422901	346.75	0.442901
362.251	9.425002	347	0.445002
362.501	9.423201	347.25	0.443201
362.751	9.422526	347.5	0.442526
363	9.423821	347.749	0.443821
363.251	9.421395	348	0.441395
363.501	9.421395	348.25	0.441395
363.751	9.422615	348.5	0.442615
364.001	9.42276	348.75	0.44276
364.251	9.423231	349	0.443231

364.501	9.426865	349.25	0.446865
364.756	9.423575	349.505	0.443575
365.001	9.420255	349.75	0.440255
365.251	9.423297	350	0.443297
365.501	9.424795	350.25	0.444795
365.751	9.428081	350.5	0.448081
366.001	9.422042	350.75	0.442042
366.251	9.422042	351	0.442042
366.501	9.425196	351.25	0.445196

BCP MW5 **Bouwer and Rice Slug-Test Method**



r_s = 1 inches =	0.083333	feet
n_g =	0.3	
r_w = 3.8 inches =	0.317708	feet
r_c =	0.187464	feet
L = 17.9 ft. bgs[1] - 9.56 ft. BTOC[2] + 0.35 ft.[3]	8.69	feet
H =	8.69	feet
D = 45 ft. bgs - 9.56 ft. BTOC + 0.35 ft.	35.79	feet

ln[(D-H)/r_w] =			4.446155
L/r_w =			27.35213
A =	2	ln(R_e/r_w) =	2.054046
B =	0.5		
slope =	0.0006 /sec		

K =	2.49E-06	ft/sec
K =	0.215308	ft/day
K =	**0.22**	**ft/day**

[1] = Refer to well construction

[2] = Static water level before slug test

[3] = Elevation of ground surface minus elevation of top of casing

APPENDIX G

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC21465

Sampling Date: 06/04/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **28**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC21465

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC21465-1	06/04/13	10:40	MP	06/05/13	SO	Soil	BCP-MW1-8-10
MC21465-2	06/04/13	14:25	MP	06/05/13	SO	Soil	BCP-MW2-10-12
MC21465-3	06/04/13	10:40	MP	06/05/13	SO	Soil	BCP-MW1-4-16
MC21465-4	06/04/13	14:25	MP	06/05/13	SO	Soil	BCP-MW2-8-16

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC21465
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	6/24/2013 12:57:18 PM

4 Sample(s) were collected on 06/04/2013 and were received at Accutest on 06/05/2013 properly preserved, at 0.9 Deg. C and intact. These Samples received an Accutest job number of MC21465. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSM1947

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21362-12MS, MC21362-12MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Initial calibration verification stdanard MSM1899-ICV189 for acetone exceeded 50% Difference (response biased high). Associated samples are non-detect for this compound.
- Matrix Spike Recovery(s) for Acetone, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GCMS By Method SW846 8270C

Matrix SO **Batch ID:** OP33547

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Duplicate Recovery(s) for Hexachlorocyclopentadiene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- OP33547-BS/MS/MSD for N-Nitrosodiphenylamine: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8081

Matrix SO **Batch ID:** OP33511

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21481-2MS, MC21481-2MSD were used as the QC samples indicated.
- Calibration check standard GBE1926-CC1926, signal #1, file BE36986 has several compounds exceed criteria (response bias high). Associated samplea are non-detect these compounds.
- Continuing calibration check standard GBE1924-ECC1923 has some of compounds exceeding criteria due to possible residual matrix interference. Associated samples confirmed by reanalysis

Extractables by GC By Method SW846 8082

Matrix	SO	Batch ID:	OP33510

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21481-2MS, MC21481-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix	SO	Batch ID:	MP21126

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21432-5MSD, MC21432-5PS, MC21432-5SDL, MC21432-5MS were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Magnesium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony, Magnesium are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Recovery(s) for Aluminum, Iron, Manganese are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Cadmium, Selenium, Sodium are outside control limits for sample MP21126-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Matrix Spike duplicate Recovery(s) for Aluminum, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- MP21126-SD1 for Calcium, Cobalt, Lead, Manganese, Nickel, Zinc: Serial dilution indicates possible matrix interference.
- MP21126-SD1 for Potassium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.

Metals By Method SW846 7471B

Matrix	SO	Batch ID:	MP21134

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	Batch ID:	GN43158

- Sample(s) MC21422-2DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012 M

Matrix	SO	Batch ID:	GP16155

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2DUP, MC21507-2MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC21465).

Summary of Hits

Job Number: MC21465
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/04/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC21465-1	**BCP-MW1-8-10**					
Benzene		11.0	0.46	0.27	ug/kg	SW846 8260B
Carbon disulfide		0.38 J	4.6	0.15	ug/kg	SW846 8260B
Chloroform		0.80 J	1.8	0.47	ug/kg	SW846 8260B
Ethylbenzene		2.9	1.8	0.22	ug/kg	SW846 8260B
Isopropylbenzene		0.42 J	4.6	0.21	ug/kg	SW846 8260B
Toluene		22.5	4.6	0.78	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		6.4	4.6	0.21	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.9 J	4.6	0.20	ug/kg	SW846 8260B
m,p-Xylene		17.9	1.8	0.73	ug/kg	SW846 8260B
o-Xylene		5.5	1.8	0.22	ug/kg	SW846 8260B
Xylene (total)		23.4	1.8	0.22	ug/kg	SW846 8260B
MC21465-2	**BCP-MW2-10-12**					
Benzene		9.9	0.45	0.26	ug/kg	SW846 8260B
Ethylbenzene		2.3	1.8	0.22	ug/kg	SW846 8260B
Isopropylbenzene		0.35 J	4.5	0.20	ug/kg	SW846 8260B
Toluene		19.0	4.5	0.76	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		5.1	4.5	0.20	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.3 J	4.5	0.19	ug/kg	SW846 8260B
m,p-Xylene		13.9	1.8	0.70	ug/kg	SW846 8260B
o-Xylene		4.3	1.8	0.21	ug/kg	SW846 8260B
Xylene (total)		18.2	1.8	0.21	ug/kg	SW846 8260B
MC21465-3	**BCP-MW1-4-16**					
Benzo(a)anthracene		27.8 J	110	15	ug/kg	SW846 8270C
Benzo(a)pyrene		21.0 J	110	12	ug/kg	SW846 8270C
Benzo(b)fluoranthene		23.9 J	110	14	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		12.6 J	110	11	ug/kg	SW846 8270C
Chrysene		28.2 J	110	14	ug/kg	SW846 8270C
bis(2-Ethylhexyl)phthalate		26.8 J	290	11	ug/kg	SW846 8270C
Fluoranthene		58.4 J	110	16	ug/kg	SW846 8270C
Phenanthrene		41.1 J	110	15	ug/kg	SW846 8270C
Pyrene		46.0 J	110	13	ug/kg	SW846 8270C
Aluminum		1820	21	3.8	mg/kg	SW846 6010C
Arsenic		1.1	1.1	0.22	mg/kg	SW846 6010C
Barium		13.6	5.3	0.077	mg/kg	SW846 6010C
Beryllium		0.095 B	0.42	0.025	mg/kg	SW846 6010C
Cadmium		0.20 B	0.42	0.045	mg/kg	SW846 6010C
Calcium		44700	530	6.6	mg/kg	SW846 6010C
Chromium		3.9	1.1	0.10	mg/kg	SW846 6010C
Cobalt		1.6 B	5.3	0.050	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC21465
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/04/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		5.3	2.6	0.59	mg/kg	SW846 6010C
Iron		5220	11	0.92	mg/kg	SW846 6010C
Lead		6.5	1.1	0.18	mg/kg	SW846 6010C
Magnesium		18100	530	5.4	mg/kg	SW846 6010C
Manganese		184	1.6	0.042	mg/kg	SW846 6010C
Mercury		0.035 B	0.036	0.011	mg/kg	SW846 7471B
Nickel		3.2 B	4.2	0.046	mg/kg	SW846 6010C
Potassium		400 B	530	9.0	mg/kg	SW846 6010C
Sodium		204 B	530	3.5	mg/kg	SW846 6010C
Vanadium		7.4	1.1	0.14	mg/kg	SW846 6010C
Zinc		54.2	2.1	0.17	mg/kg	SW846 6010C
MC21465-4	**BCP-MW2-8-16**					
bis(2-Ethylhexyl)phthalate		27.4 J	290	11	ug/kg	SW846 8270C
Pyrene		19.1 J	110	13	ug/kg	SW846 8270C
Aluminum		1910	21	3.7	mg/kg	SW846 6010C
Arsenic		1.0	1.0	0.22	mg/kg	SW846 6010C
Barium		21.4	5.2	0.075	mg/kg	SW846 6010C
Beryllium		0.10 B	0.41	0.025	mg/kg	SW846 6010C
Cadmium		0.26 B	0.41	0.044	mg/kg	SW846 6010C
Calcium		43800	520	6.5	mg/kg	SW846 6010C
Chromium		4.6	1.0	0.098	mg/kg	SW846 6010C
Cobalt		1.7 B	5.2	0.049	mg/kg	SW846 6010C
Copper		4.8	2.6	0.57	mg/kg	SW846 6010C
Iron		4990	10	0.90	mg/kg	SW846 6010C
Lead		6.0	1.0	0.17	mg/kg	SW846 6010C
Magnesium		18700	520	5.3	mg/kg	SW846 6010C
Manganese		185	1.6	0.041	mg/kg	SW846 6010C
Mercury		0.024 B	0.035	0.010	mg/kg	SW846 7471B
Nickel		3.3 B	4.1	0.045	mg/kg	SW846 6010C
Potassium		466 B	520	8.9	mg/kg	SW846 6010C
Sodium		183 B	520	3.4	mg/kg	SW846 6010C
Vanadium		7.2	1.0	0.14	mg/kg	SW846 6010C
Zinc		64.1	2.1	0.17	mg/kg	SW846 6010C

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-MW1-8-10		
Lab Sample ID:	MC21465-1	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8260B	**Percent Solids:**	82.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56839.D	1	06/07/13	KD	n/a	n/a	MSM1947
Run #2							

	Initial Weight	Final Volume
Run #1	6.60 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.2	1.2	ug/kg	
71-43-2	Benzene	11.0	0.46	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.48	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.6	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.17	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	0.81	ug/kg	
75-15-0	Carbon disulfide	0.38	4.6	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.6	1.2	ug/kg	
67-66-3	Chloroform	0.80	1.8	0.47	ug/kg	J
74-87-3	Chloromethane	ND	4.6	0.43	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.34	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.46	ug/kg	
100-41-4	Ethylbenzene	2.9	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.6	1.2	ug/kg	
98-82-8	Isopropylbenzene	0.42	4.6	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.27	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6	0.46	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW1-8-10		
Lab Sample ID:	MC21465-1	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8260B	**Percent Solids:**	82.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.6	1.2	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	0.94	ug/kg	
100-42-5	Styrene	ND	4.6	0.22	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	22.5	4.6	0.78	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.68	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.4	4.6	0.21	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.9	4.6	0.20	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	17.9	1.8	0.73	ug/kg	
95-47-6	o-Xylene	5.5	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	23.4	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	77%		70-130%
460-00-4	4-Bromofluorobenzene	79%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW2-10-12		
Lab Sample ID:	MC21465-2	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8260B	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56840.D	1	06/07/13	KD	n/a	n/a	MSM1947
Run #2							

	Initial Weight	Final Volume
Run #1	6.59 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.9	1.1	ug/kg	
71-43-2	Benzene	9.9	0.45	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.46	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.5	0.16	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.5	0.20	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.5	0.79	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	0.15	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.65	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.5	1.1	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.41	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.44	ug/kg	
100-41-4	Ethylbenzene	2.3	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.5	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.5	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	0.45	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW2-10-12		
Lab Sample ID:	MC21465-2	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8260B	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.5	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.5	0.91	ug/kg	
100-42-5	Styrene	ND	4.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.20	ug/kg	
108-88-3	Toluene	19.0	4.5	0.76	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.28	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.65	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	5.1	4.5	0.20	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.3	4.5	0.19	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.24	ug/kg	
	m,p-Xylene	13.9	1.8	0.70	ug/kg	
95-47-6	o-Xylene	4.3	1.8	0.21	ug/kg	
1330-20-7	Xylene (total)	18.2	1.8	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	80%		70-130%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12958.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	27.8	110	15	ug/kg	J
50-32-8	Benzo(a)pyrene	21.0	110	12	ug/kg	J
205-99-2	Benzo(b)fluoranthene	23.9	110	14	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	12.6	110	11	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
100-51-6	Benzyl Alcohol	ND	570	29	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	28.2	110	14	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	26.8	290	11	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW1-4-16
Lab Sample ID: MC21465-3 **Date Sampled:** 06/04/13
Matrix: SO - Soil **Date Received:** 06/05/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 87.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	58.4	110	16	ug/kg	J
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	41.1	110	15	ug/kg	J
129-00-0	Pyrene	46.0	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	83%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW1-4-16
Lab Sample ID: MC21465-3 **Date Sampled:** 06/04/13
Matrix: SO - Soil **Date Received:** 06/05/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 87.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE36984.D	1	06/10/13	AP	06/06/13	OP33511	GBE1926
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.6	1.8	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB48570.D	1	06/09/13	CZ	06/06/13	OP33510	GBB2899
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	104%		30-150%
2051-24-3	Decachlorobiphenyl	107%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW1-4-16
Lab Sample ID: MC21465-3
Matrix: SO - Soil
Date Sampled: 06/04/13
Date Received: 06/05/13
Percent Solids: 87.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1820	21	3.8	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.1	1.1	0.22	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	13.6	5.3	0.077	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.095 B	0.42	0.025	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.20 B	0.42	0.045	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	44700	530	6.6	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.9	1.1	0.10	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Cobalt	1.6 B	5.3	0.050	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	5.3	2.6	0.59	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Iron	5220	11	0.92	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.5	1.1	0.18	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18100	530	5.4	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	184	1.6	0.042	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Mercury	0.035 B	0.036	0.011	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [5]
Nickel	3.2 B	4.2	0.046	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	400 B	530	9.0	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Sodium	204 B	530	3.5	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.4	1.1	0.14	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Zinc	54.2	2.1	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15717
(2) Instrument QC Batch: MA15719
(3) Instrument QC Batch: MA15722
(4) Prep QC Batch: MP21126
(5) Prep QC Batch: MP21134

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
		Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 15:56	MA	SW846 9012 M
Solids, Percent	87		%	1	06/06/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12959.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
100-51-6	Benzyl Alcohol	ND	570	29	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	27.4	290	11	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	19.1	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE36985.D	1	06/10/13	AP	06/06/13	OP33511	GBE1926
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.7	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.7	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.7	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.7	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.7	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.7	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.7	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.7	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.7	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.7	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.7	1.8	ug/kg	
72-20-8	Endrin	ND	5.7	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.7	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.7	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.7	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.7	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.7	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.7	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.7	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.7	2.1	ug/kg	
8001-35-2	Toxaphene	ND	57	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB48571.D	1	06/09/13	CZ	06/06/13	OP33510	GBB2899
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	13	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	97%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW2-8-16
Lab Sample ID: MC21465-4
Matrix: SO - Soil
Date Sampled: 06/04/13
Date Received: 06/05/13
Percent Solids: 86.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1910	21	3.7	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.0	0.16	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.0	1.0	0.22	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	21.4	5.2	0.075	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.10 B	0.41	0.025	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.26 B	0.41	0.044	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	43800	520	6.5	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	4.6	1.0	0.098	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Cobalt	1.7 B	5.2	0.049	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	4.8	2.6	0.57	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Iron	4990	10	0.90	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.0	1.0	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18700	520	5.3	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	185	1.6	0.041	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Mercury	0.024 B	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [5]
Nickel	3.3 B	4.1	0.045	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	466 B	520	8.9	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.36 U	1.0	0.36	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.52	0.13	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Sodium	183 B	520	3.4	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.2	1.0	0.14	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Zinc	64.1	2.1	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15717
(2) Instrument QC Batch: MA15719
(3) Instrument QC Batch: MA15722
(4) Prep QC Batch: MP21126
(5) Prep QC Batch: MP21134

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	**Date Sampled:**	06/04/13
Matrix:	SO - Soil	**Date Received:**	06/05/13
		Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	06/07/13 15:57	MA	SW846 9012 M
Solids, Percent	86.2		%	1	06/06/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #:
Bottle Order Control #:
Accutest Quote #:
Accutest Job #: MC21465

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere #120
City: Buffalo State: NY Zip: 14202
Project Contact: Doug Reid E-mail: dreid@lenderconsultants.com
Phone #: 716-474-6802 Fax #:
Sampler(s) Name(s): Margaret A. Popek SAA Phone #:

Project Information

Project Name: BCP
Street: 233 South Elmwood and 234 Delaware
City: Buffalo, NY
Project#: 12B2170.26/BCP ID C915271
Client PO#:
Project Manager: Doug Reid

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 STARS+TCL	TAL Metals+Cyanide 6010/9013	PCBs + Pesticides 8051/8082	LAB USE ONLY
-1	BCP-MW1-8-10		6/4/13	1040	MP	SO	5					2		1		2	X				
-2	BCP-MW2-10-12		6/4/13	1425	MP	SO	5					2		1		2	X				
-3	BCP-MW1-4-16		6/4/13	1040	MP	SO	5					5						X	X	X	
-4	BCP-MW2-8-16		6/4/13	1425	MP	SO	5					5						X	X	X	
																					10B,
																					10D6

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NY DEC EQuiS
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Margaret A Popek	6/4/13 1600	1	2 FEDX	6-5-13 930	2 [signature]
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 0.4°C

MC21465: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC21465 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 6/5/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC21465: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC21507

Sampling Date: 06/05/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **46**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC21507

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC21507-1	06/05/13	13:15	MP	06/06/13	SO	Soil	BCP-MW3-8-10
MC21507-1D	06/05/13	13:15	MP	06/06/13	SO	Soil Dup/MSD	BCP-MW3-8-10
MC21507-1S	06/05/13	13:15	MP	06/06/13	SO	Soil Matrix Spike	BCP-MW3-8-10
MC21507-2	06/05/13	13:15	MP	06/06/13	SO	Soil	BCP-MW3-6-16
MC21507-2D	06/05/13	13:15	MP	06/06/13	SO	Soil Dup/MSD	BCP-MW3-6-16
MC21507-2S	06/05/13	13:15	MP	06/06/13	SO	Soil Matrix Spike	BCP-MW3-6-16
MC21507-3	06/05/13	09:25	MP	06/06/13	SO	Soil	BCP-MW4-8-10
MC21507-4	06/05/13	09:25	MP	06/06/13	SO	Soil	BCP-MW4-6-18
MC21507-5	06/05/13	17:15	MP	06/06/13	SO	Soil	BCP-MW6-8-10
MC21507-6	06/05/13	17:15	MP	06/06/13	SO	Soil	BCP-MW6-4-14
MC21507-7	06/05/13	10:00	MP	06/06/13	AQ	Equipment Blank	BCP-EB1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC21507
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	6/24/2013 3:13:27 PM

7 Sample(s) were collected on 06/05/2013 and were received at Accutest on 06/06/2013 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of MC21507. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSV769

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21455-20MS, MC21455-20MSD were used as the QC samples indicated.
- Matrix Spike Recovery(s) for 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, 1,2,4-Trimethylbenzene, 1,2-Dichloroethene (total), 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, Benzene, Bromodichloromethane, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, cis-1,2-Dichloroethene, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, m,p-Xylene, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Xylene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, Trichloroethene, Xylene (total) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for Bromodichloromethane, Carbon tetrachloride are outside control limits for sample MC21455-20MSD. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO **Batch ID:** MSM1951

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-1MS, MC21507-1MSD were used as the QC samples indicated.
- Initial calibration verification stdanard MSM1899-ICV189 for acetone exceeded 50% Difference (response biased high). Associated samples are non-detect for this compound.
- Matrix Spike Recovery(s) for 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,2,4-Trimethylbenzene, 1,2-Dichloroethane, 1,2-Dichloroethene (total), 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, Acetone, Benzene, Bromodichloromethane, Carbon disulfide, Chlorobenzene, Chloroform, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethylbenzene, Isopropylbenzene, m,p-Xylene, Methylene chloride, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Xylene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, Trichloroethene, Xylene (total) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 1,3,5-Trimethylbenzene, Acetone, Isopropylbenzene, n-Butylbenzene, n-Propylbenzene, p-Isopropyltoluene, sec-Butylbenzene, tert-Butylbenzene are outside control limits for sample MC21507-1MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- MSM1951-BSD for Tert Butyl Alcohol-D9: Outside control limits. Target analytes not associated with this internal standard.
- MSM1951-BSD for 2-Hexanone: Outside control limits. Blank Spike meets program technical requirements

Extractables by GCMS By Method SW846 8270C

Matrix	AQ	Batch ID:	OP33559

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21500-9MS, MC21500-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP33559-BS/BSD/MS/MSD for Hexachlorocyclopentadiene: Outside control limits. Blank Spike meets program technical requirements.

Matrix	SO	Batch ID:	OP33547

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Duplicate Recovery(s) for Hexachlorocyclopentadiene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- OP33547-BS/MS/MSD for N-Nitrosodiphenylamine: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8081

Matrix	AQ	Batch ID:	OP33565

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21500-14MS, MC21500-14MSD were used as the QC samples indicated.
- Continuing calibration check standard GBE1929-CC1927, file BE37062 for Endrin exceed criteria (response biased high). Associated samples are non-detect for this compound.

Matrix	SO	Batch ID:	OP33549

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082

Matrix	AQ	Batch ID:	OP33564

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21500-13MS, MC21500-13MSD were used as the QC samples indicated.
- MC21507-7 for Tetrachloro-m-xylene: Indeterminate due to possible matrix interference.

Matrix	SO	Batch ID:	OP33548

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix	AQ	Batch ID:	MP21131

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21405-1MS, MC21405-1MSD, MC21405-1SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Chromium, Copper, Iron are outside control limits for sample MP21131-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix	SO	Batch ID:	MP21135

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MSD, MC21507-2PS, MC21507-2SDL, MC21507-2MS were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- Matrix Spike Recovery(s) for Aluminum, Calcium, Iron, Magnesium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Arsenic, Beryllium are outside control limits for sample MP21135-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MSD for Aluminum, Calcium are are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- MP21135-SD1 for Chromium, Zinc: Serial dilution indicates possible matrix interference.
- MP21135-SD1 for Sodium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.

Metals By Method SW846 7470A

Matrix	AQ	Batch ID:	MP21144

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21572-6FMS, MC21572-6FMSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix	SO	Batch ID:	MP21134

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	Batch ID:	GN43174

- Sample(s) MC21507-1DUP were used as the QC samples for Solids, Percent.

Matrix	SO	Batch ID:	GN43188

- Sample(s) MC21507-2DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012

Matrix	AQ	Batch ID:	GP16170

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21572-2FDUP, MC21572-2FMS were used as the QC samples for Cyanide.

Wet Chemistry By Method SW846 9012 M

Matrix	SO	Batch ID:	GP16155

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2DUP, MC21507-2MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC21507).

Summary of Hits

Job Number: MC21507
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/05/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC21507-1	**BCP-MW3-8-10**					
Benzene		2.7	0.32	0.19	ug/kg	SW846 8260B
Carbon disulfide		0.20 J	3.2	0.11	ug/kg	SW846 8260B
Ethylbenzene		0.68 J	1.3	0.15	ug/kg	SW846 8260B
Toluene		5.6	3.2	0.54	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		1.5 J	3.2	0.14	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		0.72 J	3.2	0.14	ug/kg	SW846 8260B
m,p-Xylene		3.8	1.3	0.50	ug/kg	SW846 8260B
o-Xylene		1.2 J	1.3	0.15	ug/kg	SW846 8260B
Xylene (total)		5.1	1.3	0.15	ug/kg	SW846 8260B
MC21507-2	**BCP-MW3-6-16**					
Aluminum		1820	21	3.8	mg/kg	SW846 6010C
Arsenic		0.94 B	1.1	0.22	mg/kg	SW846 6010C
Barium		10.2	5.4	0.078	mg/kg	SW846 6010C
Beryllium		0.13 B	0.43	0.026	mg/kg	SW846 6010C
Cadmium		0.19 B	0.43	0.045	mg/kg	SW846 6010C
Calcium		28000	540	6.7	mg/kg	SW846 6010C
Chromium		3.1	1.1	0.10	mg/kg	SW846 6010C
Cobalt		1.5 B	5.4	0.050	mg/kg	SW846 6010C
Copper		6.4	2.7	0.60	mg/kg	SW846 6010C
Iron		4120	11	0.93	mg/kg	SW846 6010C
Lead		6.3	1.1	0.18	mg/kg	SW846 6010C
Magnesium		13200	540	5.5	mg/kg	SW846 6010C
Manganese		181	1.6	0.043	mg/kg	SW846 6010C
Nickel		3.0 B	4.3	0.047	mg/kg	SW846 6010C
Potassium		342 B	540	9.2	mg/kg	SW846 6010C
Sodium		197 B	540	3.6	mg/kg	SW846 6010C
Vanadium		6.5	1.1	0.14	mg/kg	SW846 6010C
Zinc		61.9	2.1	0.17	mg/kg	SW846 6010C
MC21507-3	**BCP-MW4-8-10**					
Benzene		8.8	0.45	0.27	ug/kg	SW846 8260B
sec-Butylbenzene		0.72 J	4.5	0.21	ug/kg	SW846 8260B
Carbon disulfide		0.35 J	4.5	0.15	ug/kg	SW846 8260B
Ethylbenzene		2.2	1.8	0.22	ug/kg	SW846 8260B
Isopropylbenzene		0.35 J	4.5	0.21	ug/kg	SW846 8260B
Toluene		17.1	4.5	0.77	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		4.6	4.5	0.20	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.0 J	4.5	0.19	ug/kg	SW846 8260B
m,p-Xylene		13.3	1.8	0.72	ug/kg	SW846 8260B
o-Xylene		3.9	1.8	0.22	ug/kg	SW846 8260B

Summary of Hits

Job Number: MC21507
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/05/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Xylene (total)		17.3	1.8	0.22	ug/kg	SW846 8260B
MC21507-4	**BCP-MW4-6-18**					
bis(2-Ethylhexyl)phthalate		16.5 J	280	10	ug/kg	SW846 8270C
Aluminum		1880	21	3.8	mg/kg	SW846 6010C
Arsenic		1.2	1.1	0.22	mg/kg	SW846 6010C
Barium		22.3	5.4	0.078	mg/kg	SW846 6010C
Beryllium		0.096 B	0.43	0.026	mg/kg	SW846 6010C
Cadmium		0.20 B	0.43	0.045	mg/kg	SW846 6010C
Calcium		43200	540	6.7	mg/kg	SW846 6010C
Chromium		3.9	1.1	0.10	mg/kg	SW846 6010C
Cobalt		1.6 B	5.4	0.050	mg/kg	SW846 6010C
Copper		5.3	2.7	0.59	mg/kg	SW846 6010C
Iron		4850	11	0.93	mg/kg	SW846 6010C
Lead		6.3	1.1	0.18	mg/kg	SW846 6010C
Magnesium		18400	540	5.5	mg/kg	SW846 6010C
Manganese		187	1.6	0.043	mg/kg	SW846 6010C
Mercury		0.021 B	0.035	0.010	mg/kg	SW846 7471B
Nickel		3.3 B	4.3	0.047	mg/kg	SW846 6010C
Potassium		483 B	540	9.2	mg/kg	SW846 6010C
Sodium		156 B	540	3.5	mg/kg	SW846 6010C
Vanadium		7.2	1.1	0.14	mg/kg	SW846 6010C
Zinc		62.3	2.1	0.17	mg/kg	SW846 6010C
MC21507-5	**BCP-MW6-8-10**					
Benzene		9.0	0.49	0.29	ug/kg	SW846 8260B
sec-Butylbenzene		0.61 J	4.9	0.22	ug/kg	SW846 8260B
Carbon disulfide		0.30 J	4.9	0.16	ug/kg	SW846 8260B
Ethylbenzene		2.2	2.0	0.24	ug/kg	SW846 8260B
Isopropylbenzene		0.34 J	4.9	0.22	ug/kg	SW846 8260B
Toluene		17.6	4.9	0.83	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		4.6 J	4.9	0.22	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.1 J	4.9	0.21	ug/kg	SW846 8260B
m,p-Xylene		12.9	2.0	0.77	ug/kg	SW846 8260B
o-Xylene		4.0	2.0	0.23	ug/kg	SW846 8260B
Xylene (total)		16.9	2.0	0.23	ug/kg	SW846 8260B
MC21507-6	**BCP-MW6-4-14**					
Aluminum		3400	21	3.8	mg/kg	SW846 6010C
Arsenic		0.94 B	1.1	0.22	mg/kg	SW846 6010C
Barium		24.4	5.3	0.077	mg/kg	SW846 6010C
Beryllium		0.15 B	0.42	0.025	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC21507
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/05/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Cadmium		0.17 B	0.42	0.045	mg/kg	SW846 6010C
Calcium		50700	530	6.6	mg/kg	SW846 6010C
Chromium		5.8	1.1	0.10	mg/kg	SW846 6010C
Cobalt		2.7 B	5.3	0.050	mg/kg	SW846 6010C
Copper		7.4	2.6	0.59	mg/kg	SW846 6010C
Iron		6490	11	0.92	mg/kg	SW846 6010C
Lead		8.1	1.1	0.18	mg/kg	SW846 6010C
Magnesium		23200	530	5.4	mg/kg	SW846 6010C
Manganese		294	1.6	0.042	mg/kg	SW846 6010C
Mercury		0.017 B	0.035	0.010	mg/kg	SW846 7471B
Nickel		4.8	4.2	0.046	mg/kg	SW846 6010C
Potassium		830	530	9.0	mg/kg	SW846 6010C
Sodium		207 B	530	3.5	mg/kg	SW846 6010C
Vanadium		9.3	1.1	0.14	mg/kg	SW846 6010C
Zinc		43.4	2.1	0.17	mg/kg	SW846 6010C
MC21507-7	**BCP-EB1**					
Calcium		80.8 B	5000	38	ug/l	SW846 6010C
Sodium		398 B	5000	60	ug/l	SW846 6010C

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-MW3-8-10		
Lab Sample ID:	MC21507-1	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	87.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56930.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	8.90 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	6.4	0.81	ug/kg	
71-43-2	Benzene	2.7	0.32	0.19	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	0.14	ug/kg	
75-25-2	Bromoform	ND	1.3	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.2	0.80	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	0.12	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	0.15	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	0.56	ug/kg	
75-15-0	Carbon disulfide	0.20	3.2	0.11	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.3	0.47	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	3.2	0.81	ug/kg	
67-66-3	Chloroform	ND	1.3	0.33	ug/kg	
74-87-3	Chloromethane	ND	3.2	0.30	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	0.19	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.24	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.18	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.3	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.11	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.32	ug/kg	
100-41-4	Ethylbenzene	0.68	1.3	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	3.2	0.80	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	0.15	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	0.11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.2	0.32	ug/kg	
75-09-2	Methylene chloride	ND	1.3	0.74	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW3-8-10		
Lab Sample ID:	MC21507-1	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	87.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.2	0.80	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	0.65	ug/kg	
100-42-5	Styrene	ND	3.2	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.27	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	0.15	ug/kg	
108-88-3	Toluene	5.6	3.2	0.54	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.47	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.14	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5	3.2	0.14	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.72	3.2	0.14	ug/kg	J
75-01-4	Vinyl chloride	ND	1.3	0.17	ug/kg	
	m,p-Xylene	3.8	1.3	0.50	ug/kg	
95-47-6	o-Xylene	1.2	1.3	0.15	ug/kg	J
1330-20-7	Xylene (total)	5.1	1.3	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12955.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	44	ug/kg	
208-96-8	Acenaphthylene	ND	110	32	ug/kg	
120-12-7	Anthracene	ND	110	39	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	26	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	27	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	51	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	64	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	37	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	41	ug/kg	
100-51-6	Benzyl Alcohol	ND	570	110	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	47	ug/kg	
106-47-8	4-Chloroaniline	ND	570	50	ug/kg	
86-74-8	Carbazole	ND	110	48	ug/kg	
218-01-9	Chrysene	ND	110	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	54	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	59	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	80	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	290	59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	59	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	44	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	29	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	46	ug/kg	
132-64-9	Dibenzofuran	ND	110	55	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	33	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	31	ug/kg	
84-66-2	Diethyl phthalate	ND	290	42	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	47	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	51	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	110	35	ug/kg	
86-73-7	Fluorene	ND	110	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	61	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	76	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	36	ug/kg	
78-59-1	Isophorone	ND	290	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	59	ug/kg	
88-74-4	2-Nitroaniline	ND	570	42	ug/kg	
99-09-2	3-Nitroaniline	ND	570	63	ug/kg	
100-01-6	4-Nitroaniline	ND	570	57	ug/kg	
91-20-3	Naphthalene	ND	110	44	ug/kg	
98-95-3	Nitrobenzene	ND	290	55	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	33	ug/kg	
85-01-8	Phenanthrene	ND	110	34	ug/kg	
129-00-0	Pyrene	ND	110	35	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	76%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW3-6-16
Lab Sample ID: MC21507-2 **Date Sampled:** 06/05/13
Matrix: SO - Soil **Date Received:** 06/06/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 83.9
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37026.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37039.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2	20.2 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.9	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.9	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.9	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.9	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.9	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.9	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.9	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.9	1.9	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.9	1.9	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.9	2.4	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.9	1.8	ug/kg	
72-20-8	Endrin	ND	5.9	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.9	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.9	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.9	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.9	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.9	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.9	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.9	2.4	ug/kg	
53494-70-5	Endrin ketone	ND	5.9	2.1	ug/kg	
8001-35-2	Toxaphene	ND	59	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%	72%	30-150%
877-09-8	Tetrachloro-m-xylene	62%	64%	30-150%
2051-24-3	Decachlorobiphenyl	68%	78%	30-150%
2051-24-3	Decachlorobiphenyl	66%	71%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25760.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	30	13	ug/kg	
11104-28-2	Aroclor 1221	ND	30	18	ug/kg	
11141-16-5	Aroclor 1232	ND	30	14	ug/kg	
53469-21-9	Aroclor 1242	ND	30	15	ug/kg	
12672-29-6	Aroclor 1248	ND	30	13	ug/kg	
11097-69-1	Aroclor 1254	ND	30	22	ug/kg	
11096-82-5	Aroclor 1260	ND	30	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW3-6-16
Lab Sample ID: MC21507-2
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/05/13
Date Received: 06/06/13
Percent Solids: 83.9

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1820	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	0.94 B	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	10.2	5.4	0.078	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.13 B	0.43	0.026	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.19 B	0.43	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	28000	540	6.7	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.1	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	1.5 B	5.4	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	6.4	2.7	0.60	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4120	11	0.93	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.3	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	13200	540	5.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	181	1.6	0.043	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.010 U	0.036	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	3.0 B	4.3	0.047	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	342 B	540	9.2	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.54	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	197 B	540	3.6	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	6.5	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	61.9	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
		Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 15:54	MA	SW846 9012 M
Solids, Percent	83.9		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-MW4-8-10		
Lab Sample ID:	MC21507-3	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	85.8
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56931.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	6.41 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.1	1.1	ug/kg	
71-43-2	Benzene	8.8	0.45	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.5	0.17	ug/kg	
135-98-8	sec-Butylbenzene	0.72	4.5	0.21	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.5	0.80	ug/kg	
75-15-0	Carbon disulfide	0.35	4.5	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.5	1.1	ug/kg	
67-66-3	Chloroform	ND	1.8	0.47	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.42	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.45	ug/kg	
100-41-4	Ethylbenzene	2.2	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.5	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.5	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	0.45	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW4-8-10		
Lab Sample ID:	MC21507-3	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	85.8
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.5	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.5	0.92	ug/kg	
100-42-5	Styrene	ND	4.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	17.1	4.5	0.77	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.67	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	4.5	0.20	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.0	4.5	0.19	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	13.3	1.8	0.72	ug/kg	
95-47-6	o-Xylene	3.9	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	17.3	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	73%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	77%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12956.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
100-51-6	Benzyl Alcohol	ND	560	28	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	560	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	16.5	280	10	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	560	13	ug/kg	
99-09-2	3-Nitroaniline	ND	560	30	ug/kg	
100-01-6	4-Nitroaniline	ND	560	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW4-6-18
Lab Sample ID: MC21507-4 **Date Sampled:** 06/05/13
Matrix: SO - Soil **Date Received:** 06/06/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37027.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37040.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.9 g	10.0 ml
Run #2	20.9 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.5	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.5	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.5	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.5	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.5	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.5	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.5	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.5	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.5	1.8	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.5	2.3	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.5	1.7	ug/kg	
72-20-8	Endrin	ND	5.5	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.5	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.5	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.5	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.5	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.5	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.5	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.5	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.5	2.0	ug/kg	
8001-35-2	Toxaphene	ND	55	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%	72%	30-150%
877-09-8	Tetrachloro-m-xylene	67%	74%	30-150%
2051-24-3	Decachlorobiphenyl	68%	68%	30-150%
2051-24-3	Decachlorobiphenyl	66%	64%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25761.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	20	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	88%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%
2051-24-3	Decachlorobiphenyl	94%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW4-6-18
Lab Sample ID: MC21507-4
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/05/13
Date Received: 06/06/13
Percent Solids: 86.4

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1880	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.2	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	22.3	5.4	0.078	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.096 B	0.43	0.026	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.20 B	0.43	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	43200	540	6.7	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.9	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	1.6 B	5.4	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	5.3	2.7	0.59	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4850	11	0.93	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.3	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18400	540	5.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	187	1.6	0.043	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.021 B	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	3.3 B	4.3	0.047	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	483 B	540	9.2	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.54	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	156 B	540	3.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.2	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	62.3	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 16:01	MA	SW846 9012 M
Solids, Percent	86.4		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-MW6-8-10		
Lab Sample ID:	MC21507-5	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56932.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	5.98 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.8	1.2	ug/kg	
71-43-2	Benzene	9.0	0.49	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.51	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.9	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	4.9	0.18	ug/kg	
135-98-8	sec-Butylbenzene	0.61	4.9	0.22	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.9	0.86	ug/kg	
75-15-0	Carbon disulfide	0.30	4.9	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.0	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.27	ug/kg	
75-00-3	Chloroethane	ND	4.9	1.2	ug/kg	
67-66-3	Chloroform	ND	2.0	0.50	ug/kg	
74-87-3	Chloromethane	ND	4.9	0.45	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.29	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.28	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.36	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.49	ug/kg	
100-41-4	Ethylbenzene	2.2	2.0	0.24	ug/kg	
591-78-6	2-Hexanone	ND	4.9	1.2	ug/kg	
98-82-8	Isopropylbenzene	0.34	4.9	0.22	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.9	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.9	0.49	ug/kg	
75-09-2	Methylene chloride	ND	2.0	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW6-8-10		
Lab Sample ID:	MC21507-5	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.9	1.2	ug/kg	
103-65-1	n-Propylbenzene	ND	4.9	0.99	ug/kg	
100-42-5	Styrene	ND	4.9	0.23	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.22	ug/kg	
108-88-3	Toluene	17.6	4.9	0.83	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.31	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.72	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.21	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	4.9	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	4.9	0.21	ug/kg	J
75-01-4	Vinyl chloride	ND	2.0	0.27	ug/kg	
	m,p-Xylene	12.9	2.0	0.77	ug/kg	
95-47-6	o-Xylene	4.0	2.0	0.23	ug/kg	
1330-20-7	Xylene (total)	16.9	2.0	0.23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	73%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12957.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	12	ug/kg	
100-51-6	Benzyl Alcohol	ND	570	29	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	280	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	10	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37028.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37041.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.1 g	10.0 ml
Run #2	20.1 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.8	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.8	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.8	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.8	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.8	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.8	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.8	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.8	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.8	1.9	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.8	2.4	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.8	1.8	ug/kg	
72-20-8	Endrin	ND	5.8	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.8	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.8	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.8	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.8	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.8	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.8	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.8	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.8	2.1	ug/kg	
8001-35-2	Toxaphene	ND	58	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%	68%	30-150%
877-09-8	Tetrachloro-m-xylene	67%	63%	30-150%
2051-24-3	Decachlorobiphenyl	69%	64%	30-150%
2051-24-3	Decachlorobiphenyl	67%	62%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25762.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	80%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW6-4-14
Lab Sample ID: MC21507-6
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/05/13
Date Received: 06/06/13
Percent Solids: 86.0

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3400	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	0.94 B	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	24.4	5.3	0.077	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.15 B	0.42	0.025	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.17 B	0.42	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	50700	530	6.6	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	5.8	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.7 B	5.3	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	7.4	2.6	0.59	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	6490	11	0.92	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	8.1	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	23200	530	5.4	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	294	1.6	0.042	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.017 B	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	4.8	4.2	0.046	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	830	530	9.0	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	207 B	530	3.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	9.3	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	43.4	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	**Date Sampled:**	06/05/13
Matrix:	SO - Soil	**Date Received:**	06/06/13
		Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 16:02	MA	SW846 9012 M
Solids, Percent	86		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V19716.D	1	06/07/13	AMY	n/a	n/a	MSV769
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	108%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31374.D	1	06/12/13	KR	06/10/13	OP33559	MSR1141
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	2.1	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.59	ug/l	
120-12-7	Anthracene	ND	2.1	0.22	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.29	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	0.22	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	0.91	ug/l	
100-51-6	Benzyl Alcohol	ND	11	0.61	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	11	0.27	ug/l	
86-74-8	Carbazole	ND	2.1	0.23	ug/l	
218-01-9	Chrysene	ND	2.1	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	0.22	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	0.25	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	0.21	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.28	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	0.72	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.23	ug/l	
132-64-9	Dibenzofuran	ND	2.1	0.17	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	0.41	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	0.53	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	0.53	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.52	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	2.1	0.24	ug/l	
86-73-7	Fluorene	ND	2.1	0.25	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	0.32	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	0.31	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	2.7	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.47	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	0.29	ug/l	
78-59-1	Isophorone	ND	5.3	0.21	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.42	ug/l	
88-74-4	2-Nitroaniline	ND	11	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	11	0.53	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.6	ug/l	
91-20-3	Naphthalene	ND	2.1	0.18	ug/l	
98-95-3	Nitrobenzene	ND	5.3	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	0.86	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.58	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.22	ug/l	
129-00-0	Pyrene	ND	2.1	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	58%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%
1718-51-0	Terphenyl-d14	68%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37058.D	1	06/12/13	AP	06/10/13	OP33565	GBE1929
Run #2							

	Initial Volume	Final Volume
Run #1	750 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.067	0.028	ug/l	
319-84-6	alpha-BHC	ND	0.067	0.023	ug/l	
319-85-7	beta-BHC	ND	0.067	0.029	ug/l	
319-86-8	delta-BHC	ND	0.067	0.029	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.067	0.028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.067	0.041	ug/l	
5103-74-2	gamma-Chlordane	ND	0.067	0.039	ug/l	
60-57-1	Dieldrin	ND	0.067	0.026	ug/l	
72-54-8	4,4'-DDD	ND	0.067	0.029	ug/l	
72-55-9	4,4'-DDE	ND	0.067	0.027	ug/l	
50-29-3	4,4'-DDT	ND	0.067	0.032	ug/l	
72-20-8	Endrin	ND	0.067	0.024	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.067	0.021	ug/l	
7421-93-4	Endrin aldehyde	ND	0.067	0.022	ug/l	
53494-70-5	Endrin ketone	ND	0.067	0.039	ug/l	
959-98-8	Endosulfan-I	ND	0.067	0.025	ug/l	
33213-65-9	Endosulfan-II	ND	0.067	0.026	ug/l	
76-44-8	Heptachlor	ND	0.067	0.022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.067	0.024	ug/l	
72-43-5	Methoxychlor	ND	0.067	0.028	ug/l	
8001-35-2	Toxaphene	ND	3.3	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25782.D	1	06/12/13	NK	06/10/13	OP33564	GBK889
Run #2							

	Initial Volume	Final Volume
Run #1	750 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.33	0.092	ug/l	
11104-28-2	Aroclor 1221	ND	0.33	0.096	ug/l	
11141-16-5	Aroclor 1232	ND	0.33	0.22	ug/l	
53469-21-9	Aroclor 1242	ND	0.33	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.33	0.20	ug/l	
11097-69-1	Aroclor 1254	ND	0.33	0.097	ug/l	
11096-82-5	Aroclor 1260	ND	0.33	0.083	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [a]		30-150%
877-09-8	Tetrachloro-m-xylene	94%		30-150%
2051-24-3	Decachlorobiphenyl	81%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%

(a) Indeterminate due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EB1
Lab Sample ID: MC21507-7
Matrix: AQ - Equipment Blank
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/05/13
Date Received: 06/06/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	80.8 B	5000	38	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	20 U	100	20	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	0.81 U	15	0.81	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	06/10/13	06/11/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	398 B	5000	60	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	0.50 U	20	0.50	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15725
(2) Instrument QC Batch: MA15729
(3) Prep QC Batch: MP21131
(4) Prep QC Batch: MP21144

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	**Date Sampled:**	06/05/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/06/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	06/10/13 13:36	MA	SW846 9012

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC21507

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere # 120
City: Buffalo State: NY Zip: 14202
Project Contact: Doug Reed E-mail: dreed@lenvironcorp.com
Phone #: 716-474-6802 Fax #:
Sampler(s) Name(s): Margaret A. Popek SAA Phone #:

Project Information

Project Name: BCP
Street: 233 South Edwards 234 Delaware
City: Buffalo, NY
Project#: 12B2170.26 / BCP ID C915271
Client PO#:
Project Manager: Doug Reed

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL + STARS
8270 TCL + STARS
Cooler 2013
TAL metals + Cyanide
PCBs + Pesticides 8081/8082

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	OI Water	MEOH	ENCORE	Bisulfite	8260 TCL + STARS	8270 TCL + STARS	TAL metals + Cyanide	PCBs + Pesticides 8081/8082	LAB USE ONLY
-1	BCP-MW3-8-10		6/5/13	1315	MP	SO	4					1		1		2	X				
-1SP	BCP-MW3-8-10 (MS/MSD)		6/5/13	1315	MP	SO	8					2		2		4	X				
-2	BCP-MW3-6-16		6/5/13	1315	MP	SO	5					5						X	X	X	
-2SP	BCP-MW3-6-16 (MS/MSD)		6/5/13	1315	MP	SO	~~MX9~~ 9					9						X	X	X	
-3	BCP-MW4-8-10		6/5/13	0925	MP	SO	4					1		1		2	X				
-4	BCP-MW4-6-18		6/5/13	0925	MP	SO	5					5						X	X	X	
-5	BCP-MW6-8-10		6/5/13	1715	MP	SO	4					1		1		2	X				
-6	BCP-MW6-4-14		6/5/13	1715	MP	SO	5					5						X	X	X	
-7	BCP-EB1		6/5/13	1000	MP	WW	8	3		1		4					X	X	X	X	10D 16A, 6C, 1F4, 10E6

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Labtrack

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NY DEC EQuIS
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Margaret A Popek	6/5/13 1730	1 FedEx	2	6/6/13 09:30	2
3		3	4		4
5		5			

Custody Seal # | Intact | Not Intact | Preserved where applicable | On Ice | Cooler Temp. 2.0, 3.4

5.1 5

MC21507: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC21507 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 6/6/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 2 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC21507: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC21554

Sampling Date: 06/06/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **18**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC21554

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC21554-1	06/06/13	09:00	MP	06/07/13	SO	Soil	BCP-MW5-8-10
MC21554-2	06/06/13	09:00	MP	06/07/13	SO	Soil	BCP-MW5-8-18

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC21554
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	6/20/2013 4:49:23 PM

2 Sample(s) were collected on 06/06/2013 and were received at Accutest on 06/07/2013 properly preserved, at 1.9 Deg. C and intact. These Samples received an Accutest job number of MC21554. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSK2321

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21606-1MS, MC21606-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for Chloromethane, tert-Butylbenzene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for Acetone, Chloromethane are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- MSK2321-BS/BSD for Chloromethane: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix SO **Batch ID:** OP33547

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.
- Matrix Spike Duplicate Recovery(s) for Hexachlorocyclopentadiene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- OP33547-BS/MS/MSD for N-Nitrosodiphenylamine: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8081

Matrix SO **Batch ID:** OP33549

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082

Matrix SO **Batch ID:** OP33548

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC21507-2MS, MC21507-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix SO **Batch ID:** MP21141

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21560-8MS, MC21560-8MSD, MC21560-8PS, MC21560-8SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Potassium are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony, Potassium, Arsenic are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- MS/MSD Recovery(s) for Aluminum, Iron, Manganese are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for MSD for Arsenic, Manganese are outside control limits for sample MP21141-S2. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for Serial Dilution for Cadmium, Sodium are outside control limits for sample MP21141-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21141-SD1 for Beryllium, Calcium, Chromium, Cobalt, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Zinc: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix SO **Batch ID:** MP21146

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21556-4MS, MC21556-4MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix SO **Batch ID:** GN43188

- Sample(s) MC21507-2DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012 M

Matrix SO **Batch ID:** GP16167

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21539-9DUP, MC21539-9MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC21554).

Summary of Hits

Job Number: MC21554
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/06/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC21554-1	**BCP-MW5-8-10**					
n-Butylbenzene		656 J	1400	53	ug/kg	SW846 8260B
sec-Butylbenzene		1100 J	1400	66	ug/kg	SW846 8260B
Isopropylbenzene		959 J	1400	66	ug/kg	SW846 8260B
Naphthalene		361 J	1400	360	ug/kg	SW846 8260B
n-Propylbenzene		1550	1400	290	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		2700	1400	65	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		544 J	1400	62	ug/kg	SW846 8260B
MC21554-2	**BCP-MW5-8-18**					
bis(2-Ethylhexyl)phthalate		48.2 J	280	10	ug/kg	SW846 8270C
Aluminum		5940	20	3.6	mg/kg	SW846 6010C
Arsenic		2.5	1.0	0.21	mg/kg	SW846 6010C
Barium		52.5	5.0	0.072	mg/kg	SW846 6010C
Beryllium		0.35 B	0.40	0.024	mg/kg	SW846 6010C
Cadmium		0.14 B	0.40	0.042	mg/kg	SW846 6010C
Calcium		55500	500	6.3	mg/kg	SW846 6010C
Chromium		9.0	1.0	0.095	mg/kg	SW846 6010C
Cobalt		6.1	5.0	0.047	mg/kg	SW846 6010C
Copper		10.9	2.5	0.55	mg/kg	SW846 6010C
Iron		14100	10	0.87	mg/kg	SW846 6010C
Lead		11.2	1.0	0.17	mg/kg	SW846 6010C
Magnesium		23600	500	5.1	mg/kg	SW846 6010C
Manganese		330	1.5	0.040	mg/kg	SW846 6010C
Mercury		0.020 B	0.037	0.011	mg/kg	SW846 7471B
Nickel		11.0	4.0	0.044	mg/kg	SW846 6010C
Potassium		1430	500	8.5	mg/kg	SW846 6010C
Sodium		317 B	500	3.3	mg/kg	SW846 6010C
Vanadium		14.1	1.0	0.13	mg/kg	SW846 6010C
Zinc		52.6	2.0	0.16	mg/kg	SW846 6010C

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-MW5-8-10		
Lab Sample ID:	MC21554-1	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
Method:	SW846 8260B	**Percent Solids:**	87.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K70969.D	1	06/11/13	GK	n/a	n/a	MSK2321
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.16 g	10.0 ml	50.0 ul
Run #2			

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2900	360	ug/kg	
71-43-2	Benzene	ND	140	85	ug/kg	
75-27-4	Bromodichloromethane	ND	580	61	ug/kg	
75-25-2	Bromoform	ND	580	580	ug/kg	
74-83-9	Bromomethane	ND	580	150	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1400	360	ug/kg	
104-51-8	n-Butylbenzene	656	1400	53	ug/kg	J
135-98-8	sec-Butylbenzene	1100	1400	66	ug/kg	J
98-06-6	tert-Butylbenzene	ND	1400	250	ug/kg	
75-15-0	Carbon disulfide	ND	1400	47	ug/kg	
56-23-5	Carbon tetrachloride	ND	580	210	ug/kg	
108-90-7	Chlorobenzene	ND	580	79	ug/kg	
75-00-3	Chloroethane	ND	1400	360	ug/kg	
67-66-3	Chloroform	ND	580	150	ug/kg	
74-87-3	Chloromethane	ND	1400	130	ug/kg	
124-48-1	Dibromochloromethane	ND	580	85	ug/kg	
75-34-3	1,1-Dichloroethane	ND	580	78	ug/kg	
107-06-2	1,2-Dichloroethane	ND	580	83	ug/kg	
75-35-4	1,1-Dichloroethene	ND	580	110	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	580	87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	580	83	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	580	83	ug/kg	
78-87-5	1,2-Dichloropropane	ND	580	110	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	580	49	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	580	140	ug/kg	
100-41-4	Ethylbenzene	ND	580	70	ug/kg	
591-78-6	2-Hexanone	ND	1400	360	ug/kg	
98-82-8	Isopropylbenzene	959	1400	66	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	1400	51	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	580	83	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1400	140	ug/kg	
75-09-2	Methylene chloride	ND	580	330	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW5-8-10		
Lab Sample ID:	MC21554-1	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
Method:	SW846 8260B	**Percent Solids:**	87.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	361	1400	360	ug/kg	J
103-65-1	n-Propylbenzene	1550	1400	290	ug/kg	
100-42-5	Styrene	ND	1400	67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	580	120	ug/kg	
127-18-4	Tetrachloroethene	ND	580	66	ug/kg	
108-88-3	Toluene	ND	1400	240	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	580	91	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	580	210	ug/kg	
79-01-6	Trichloroethene	ND	580	61	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2700	1400	65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	544	1400	62	ug/kg	J
75-01-4	Vinyl chloride	ND	580	79	ug/kg	
	m,p-Xylene	ND	580	230	ug/kg	
95-47-6	o-Xylene	ND	580	69	ug/kg	
1330-20-7	Xylene (total)	ND	580	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	116%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12980.D	1	06/10/13	KR	06/08/13	OP33547	MSW597
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
100-51-6	Benzyl Alcohol	ND	550	28	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	550	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	550	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	550	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	48.2	280	10	ug/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

BN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	550	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	550	13	ug/kg	
99-09-2	3-Nitroaniline	ND	550	30	ug/kg	
100-01-6	4-Nitroaniline	ND	550	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%
1718-51-0	Terphenyl-d14	79%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW5-8-18
Lab Sample ID: MC21554-2 **Date Sampled:** 06/06/13
Matrix: SO - Soil **Date Received:** 06/07/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 86.6
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37029.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37042.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2	20.5 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.6	1.8	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%	66%	30-150%
877-09-8	Tetrachloro-m-xylene	66%	65%	30-150%
2051-24-3	Decachlorobiphenyl	73%	66%	30-150%
2051-24-3	Decachlorobiphenyl	70%	63%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25763.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	99%		30-150%
2051-24-3	Decachlorobiphenyl	97%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-MW5-8-18
Lab Sample ID: MC21554-2
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/06/13
Date Received: 06/07/13
Percent Solids: 86.6

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5940	20	3.6	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.15 U	1.0	0.15	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	2.5	1.0	0.21	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	52.5	5.0	0.072	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.35 B	0.40	0.024	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.14 B	0.40	0.042	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	55500	500	6.3	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	9.0	1.0	0.095	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	6.1	5.0	0.047	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	10.9	2.5	0.55	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	14100	10	0.87	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	11.2	1.0	0.17	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	23600	500	5.1	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	330	1.5	0.040	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.020 B	0.037	0.011	mg/kg	1	06/11/13	06/12/13	SA	SW846 7471B [1]	SW846 7471B [4]
Nickel	11.0	4.0	0.044	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	1430	500	8.5	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.35 U	1.0	0.35	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.12 U	0.50	0.12	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	317 B	500	3.3	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.13 U	1.0	0.13	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	14.1	1.0	0.13	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	52.6	2.0	0.16	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA15727
(2) Instrument QC Batch: MA15733
(3) Prep QC Batch: MP21141
(4) Prep QC Batch: MP21146

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	**Date Sampled:**	06/06/13
Matrix:	SO - Soil	**Date Received:**	06/07/13
		Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/10/13 12:48	MA	SW846 9012 M
Solids, Percent	86.6		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC21554

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviera Drive #120
City: Buffalo State: NY Zip: 14202
Project Contact: Dave Reid E-mail: dreid@tenderconsulting.com
Phone #: 716-474-6862 Fax #:
Sampler(s) Name(s): Margaret A. Apek SAA Phone #:

Project Information

Project Name: BCP
Street: 233 South Elmwood + 234 Delaware
City: Buffalo
Project#: 12B2170026 / BCP ID C915271
Client PO#:
Project Manager: Dave Reid

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by:	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bluefish	8260 TCL + STARS	8270 TCL + STARS	TAL metals + Cyanide 6010/9013	PCBs + Pesticides 8081/8082	LAB USE ONLY
-1	BCP-MW5-8-10		6/6/13	0900	MP	SO	4					1		1		2	X				
-2	BCP-MW5-8-18		6/6/13	0900	MP	SO	5					5						X	X	X	
																					10F5, 10F

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

Approved By (Accutest PM): / Date:

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [x] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYDEC Equis
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	Margaret A Apek	6/6/13 1300	F+	F+	6-7-13 920	Brennan
2						
3						
4						
5						

Custody Seal #: Intact / Not intact | Preserved where applicable | On Ice | Cooler Temp. 1.9°C

5.1 5

MC21554: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC21554 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 6/7/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

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MC21554: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC22176

Sampling Date: 06/25/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **50**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC22176

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC22176-1	06/25/13	10:35	MAP	06/26/13	SO	Soil	BCP BH-9-2-4
MC22176-2	06/25/13	10:35	MAP	06/26/13	SO	Soil	BCP BH-9-0-6
MC22176-3	06/25/13	09:00	MAP	06/26/13	SO	Soil	BCP BH-10-4-6
MC22176-4	06/25/13	09:00	MAP	06/26/13	SO	Soil	BCP BH-10-0-6
MC22176-5	06/25/13	12:45	MAP	06/26/13	SO	Soil	BCP BH-11-4-6
MC22176-6	06/25/13	12:45	MAP	06/26/13	SO	Soil	BCP BH-11-0-6
MC22176-7	06/25/13	16:30	MAP	06/26/13	AQ	Equipment Blank	EB-2

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC22176
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	7/16/2013 11:05:05 AM

7 Sample(s) were collected on 06/25/2013 and were received at Accutest on 06/26/2013 properly preserved, at 1.6 Deg. C and intact. These Samples received an Accutest job number of MC22176. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSH2046

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22020-9MS, MC22020-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 4-Methyl-2-pentanone (MIBK) are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 1,1,1-Trichloroethane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Bromodichloromethane, Carbon tetrachloride, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 1,1,1-Trichloroethane, 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Carbon tetrachloride, Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO **Batch ID:** MSM1975

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22071-4MS, MC22071-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Initial calibration verification stdanard MSM1899-ICV189 for acetone exceeded 50% Difference (response biased high). Associated samples are non-detect for this compound.
- Blank Spike Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Chloromethane are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for Acetone, cis-1,3-Dichloropropene, Naphthalene, Styrene, trans-1,3-Dichloropropene, Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, cis-1,3-Dichloropropene, Naphthalene, Styrene, Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Calibration check stdanard MSM1975-CC1899 for 2-hexanone exceeded 50% Difference (response biased high). Associated samples are non-detect for this compound.

Matrix SO **Batch ID:** MSM1976

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC21932-12MS, MC21932-12MSD were used as the QC samples indicated.
- BS/MS/MSD Recovery(s) for 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Chloromethane are outside control limits. Associated samples are non-detect for this compound.
- Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 2-Butanone (MEK), Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSM1976

- Matrix Spike Duplicate Recovery(s) for 2-Butanone (MEK), n-Butylbenzene, Naphthalene, Styrene, 1,3,5-Trimethylbenzene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 1,1,2,2-Tetrachloroethane, 1,3,5-Trimethylbenzene are outside control limits for sample MC21932-12MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.
- Calibration check stdanard MSM1976-CC1899 for chloromethane, 4-methyl-2-pentanone, 2-hexanone exceeded 50% Difference (response biased high). Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix AQ **Batch ID:** OP33784

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22000-3MS, MC22000-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP33784-BS/BSD/MS/MSD Recovery(s) for Dimethyl phthalate, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements. Blank Spike meets program technical requirements.
- RPD of OP33784-BSD for Dimethyl phthalate: Outside control limits. Blank Spike meets program technical requirements.

Matrix SO **Batch ID:** OP33802

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22176-2MS, MC22176-2MSD were used as the QC samples indicated.
- Sample(s) MC22176-2 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.
- OP33802-BS/MS/MSD for N-Nitrosodiphenylamine: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8081

Matrix AQ **Batch ID:** OP33795

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22000-6MS, MC22000-6MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Matrix SO **Batch ID:** OP33800

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22176-6MS, MC22176-6MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082

Matrix AQ **Batch ID:** OP33775

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22017-8MS, MC22017-8MSD were used as the QC samples indicated.

Matrix SO **Batch ID:** OP33799

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22176-4MS, MC22176-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Calibration check standard GYZ7202-CC7201, file YZ81785 has AR1016, AR1260 exceeded criteria (response bias high). Associated samples are non-detect for Targets.
- OP33799-MSD for Decachlorobiphenyl: Outside control limits due to possible matrix interference.
- OP33799-BS for Decachlorobiphenyl: Outside control limits.Target recovery satisfactory.

Metals By Method SW846 6010C

Matrix AQ **Batch ID:** MP21255

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22017-8MS, MC22017-8MSD, MC22017-8SDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Chromium, Cobalt, Copper, Nickel, Vanadium, Zinc are outside control limits for sample MP21255-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Matrix SO **Batch ID:** MP21260

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22060-10MS, MC22060-10MSD, MC22060-10PS, MC22060-10SDL, MC22207-1PS were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity. Post spike is not within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony, Manganese are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- MS/MSD Recovery(s) for Aluminum, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Selenium are outside control limits for sample MP21260-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21260-S1 for Magnesium, Manganese, Potassium: Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- MP21260-SD1 for Copper: Serial dilution indicates possible matrix interference.
- MP21260-SD1 for Sodium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
- MP21260-PS1 for Antimony: Post-digestion spike recoveries outside of control limits indicate possible matrix interference.

Metals By Method SW846 7470A

Matrix	AQ	Batch ID:	MP21274

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22017-8MS, MC22017-8MSD were used as the QC samples for metals.

Metals By Method SW846 7471B

Matrix	SO	Batch ID:	MP21254

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22108-7MS, MC22108-7MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	Batch ID:	GN43405

- Sample(s) MC22108-8ADUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012

Matrix	AQ	Batch ID:	GP16266

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22126-1MS, MC22126-1DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP16266-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SW846 9012 M

Matrix	SO	Batch ID:	GP16287

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22336-1DUP, MC22336-1MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22176).

Summary of Hits

Job Number: MC22176
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/25/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22176-1	**BCP BH-9-2-4**					
Benzene		6.1	0.50	0.30	ug/kg	SW846 8260B
Ethylbenzene		2.0	2.0	0.24	ug/kg	SW846 8260B
Isopropylbenzene		0.37 J	5.0	0.23	ug/kg	SW846 8260B
Toluene		14.3	5.0	0.85	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		4.6 J	5.0	0.22	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.1 J	5.0	0.21	ug/kg	SW846 8260B
m,p-Xylene		10.8	2.0	0.79	ug/kg	SW846 8260B
o-Xylene		3.5	2.0	0.24	ug/kg	SW846 8260B
Xylene (total)		14.3	2.0	0.24	ug/kg	SW846 8260B
MC22176-2	**BCP BH-9-0-6**					
Acenaphthene		49.3 J	120	16	ug/kg	SW846 8270C
Anthracene		75.7 J	120	14	ug/kg	SW846 8270C
Benzo(a)anthracene		90.5 J	120	15	ug/kg	SW846 8270C
Benzo(a)pyrene		62.7 J	120	13	ug/kg	SW846 8270C
Benzo(b)fluoranthene		48.7 J	120	15	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		27.7 J	120	12	ug/kg	SW846 8270C
Benzo(k)fluoranthene		51.4 J	120	18	ug/kg	SW846 8270C
Carbazole		21.1 J	120	14	ug/kg	SW846 8270C
Chrysene		102 J	120	15	ug/kg	SW846 8270C
Dibenzofuran		27.6 J	120	16	ug/kg	SW846 8270C
bis(2-Ethylhexyl)phthalate		62.1 JB	300	11	ug/kg	SW846 8270C
Fluoranthene		185	120	16	ug/kg	SW846 8270C
Fluorene		46.7 J	120	16	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene		26.0 J	120	13	ug/kg	SW846 8270C
2-Methylnaphthalene		22.8 J	120	15	ug/kg	SW846 8270C
Naphthalene		24.4 J	120	19	ug/kg	SW846 8270C
Phenanthrene		229	120	16	ug/kg	SW846 8270C
Pyrene		152	120	14	ug/kg	SW846 8270C
Aluminum		2140	22	4.0	mg/kg	SW846 6010C
Arsenic		2.0	1.1	0.23	mg/kg	SW846 6010C
Barium		17.4	5.6	0.081	mg/kg	SW846 6010C
Beryllium		0.12 B	0.45	0.027	mg/kg	SW846 6010C
Cadmium		0.15 B	0.45	0.047	mg/kg	SW846 6010C
Calcium		40300	560	7.0	mg/kg	SW846 6010C
Chromium		4.2	1.1	0.11	mg/kg	SW846 6010C
Cobalt		1.7 B	5.6	0.052	mg/kg	SW846 6010C
Copper		5.4	2.8	0.62	mg/kg	SW846 6010C
Iron		5420	11	0.97	mg/kg	SW846 6010C
Lead		27.9	1.1	0.19	mg/kg	SW846 6010C
Magnesium		15500	560	5.7	mg/kg	SW846 6010C
Manganese		158	1.7	0.045	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC22176
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/25/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Mercury		0.10	0.037	0.011	mg/kg	SW846 7471B
Nickel		3.6 B	4.5	0.049	mg/kg	SW846 6010C
Potassium		471 B	560	9.5	mg/kg	SW846 6010C
Sodium		155 B	560	3.7	mg/kg	SW846 6010C
Vanadium		8.6	1.1	0.15	mg/kg	SW846 6010C
Zinc		56.3	2.2	0.18	mg/kg	SW846 6010C
MC22176-3	**BCP BH-10-4-6**					
Benzene		10.1	0.53	0.31	ug/kg	SW846 8260B
sec-Butylbenzene		0.28 J	5.3	0.24	ug/kg	SW846 8260B
Ethylbenzene		3.0	2.1	0.26	ug/kg	SW846 8260B
Isopropylbenzene		0.43 J	5.3	0.24	ug/kg	SW846 8260B
Toluene		22.5	5.3	0.90	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		6.6	5.3	0.24	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.9 J	5.3	0.23	ug/kg	SW846 8260B
m,p-Xylene		16.7	2.1	0.84	ug/kg	SW846 8260B
o-Xylene		5.5	2.1	0.25	ug/kg	SW846 8260B
Xylene (total)		22.1	2.1	0.25	ug/kg	SW846 8260B
MC22176-4	**BCP BH-10-0-6**					
bis(2-Ethylhexyl)phthalate		156 J	300	11	ug/kg	SW846 8270C
Aluminum		2650	21	3.8	mg/kg	SW846 6010C
Arsenic		1.6	1.1	0.22	mg/kg	SW846 6010C
Barium		19.6	5.3	0.077	mg/kg	SW846 6010C
Beryllium		0.13 B	0.43	0.025	mg/kg	SW846 6010C
Cadmium		0.11 B	0.43	0.045	mg/kg	SW846 6010C
Calcium		39400	530	6.7	mg/kg	SW846 6010C
Chromium		5.5	1.1	0.10	mg/kg	SW846 6010C
Cobalt		1.7 B	5.3	0.050	mg/kg	SW846 6010C
Copper		7.0	2.7	0.59	mg/kg	SW846 6010C
Iron		5240	11	0.93	mg/kg	SW846 6010C
Lead		44.1	1.1	0.18	mg/kg	SW846 6010C
Magnesium		16300	530	5.5	mg/kg	SW846 6010C
Manganese		154	1.6	0.043	mg/kg	SW846 6010C
Mercury		0.098	0.036	0.010	mg/kg	SW846 7471B
Nickel		3.6 B	4.3	0.047	mg/kg	SW846 6010C
Potassium		541	530	9.1	mg/kg	SW846 6010C
Silver		0.14 B	0.53	0.13	mg/kg	SW846 6010C
Sodium		224 B	530	3.5	mg/kg	SW846 6010C
Thallium		0.21 B	1.1	0.14	mg/kg	SW846 6010C
Vanadium		8.5	1.1	0.14	mg/kg	SW846 6010C
Zinc		51.9	2.1	0.17	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC22176
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/25/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22176-5	**BCP BH-11-4-6**					
Benzene		7.3	0.46	0.27	ug/kg	SW846 8260B
Carbon disulfide		2.4 J	4.6	0.15	ug/kg	SW846 8260B
Ethylbenzene		1.9	1.8	0.22	ug/kg	SW846 8260B
Isopropylbenzene		0.39 J	4.6	0.21	ug/kg	SW846 8260B
Toluene		14.9	4.6	0.78	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		4.4 J	4.6	0.20	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		2.1 J	4.6	0.20	ug/kg	SW846 8260B
m,p-Xylene		10.9	1.8	0.72	ug/kg	SW846 8260B
o-Xylene		3.6	1.8	0.22	ug/kg	SW846 8260B
Xylene (total)		14.4	1.8	0.22	ug/kg	SW846 8260B
MC22176-6	**BCP BH-11-0-6**					
Benzo(a)anthracene		16.7 J	120	15	ug/kg	SW846 8270C
bis(2-Ethylhexyl)phthalate		150 J	290	11	ug/kg	SW846 8270C
Pyrene		16.3 J	120	14	ug/kg	SW846 8270C
Aluminum		2250	21	3.7	mg/kg	SW846 6010C
Arsenic		1.7	1.0	0.21	mg/kg	SW846 6010C
Barium		12.2	5.2	0.075	mg/kg	SW846 6010C
Beryllium		0.12 B	0.41	0.025	mg/kg	SW846 6010C
Cadmium		0.18 B	0.41	0.044	mg/kg	SW846 6010C
Calcium		41000	520	6.5	mg/kg	SW846 6010C
Chromium		4.9	1.0	0.098	mg/kg	SW846 6010C
Cobalt		1.8 B	5.2	0.048	mg/kg	SW846 6010C
Copper		5.8	2.6	0.57	mg/kg	SW846 6010C
Iron		6930	10	0.90	mg/kg	SW846 6010C
Lead		7.0	1.0	0.17	mg/kg	SW846 6010C
Magnesium		17100	520	5.3	mg/kg	SW846 6010C
Manganese		183	1.5	0.041	mg/kg	SW846 6010C
Mercury		0.060	0.035	0.010	mg/kg	SW846 7471B
Nickel		3.5 B	4.1	0.045	mg/kg	SW846 6010C
Potassium		559	520	8.8	mg/kg	SW846 6010C
Sodium		138 B	520	3.4	mg/kg	SW846 6010C
Vanadium		12.8	1.0	0.14	mg/kg	SW846 6010C
Zinc		52.7	2.1	0.17	mg/kg	SW846 6010C
MC22176-7	**EB-2**					
Methylene chloride		0.52 J	2.0	0.41	ug/l	SW846 8260B
Calcium		47.9 B	5000	38	ug/l	SW846 6010C
Sodium		206 B	5000	60	ug/l	SW846 6010C
Zinc		0.50 B	20	0.50	ug/l	SW846 6010C

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP BH-9-2-4		
Lab Sample ID:	MC22176-1	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	80.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57498.D	1	06/29/13	KD	n/a	n/a	MSM1975
Run #2							

	Initial Weight	Final Volume
Run #1	6.16 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	1.3	ug/kg	
71-43-2	Benzene	6.1	0.50	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.18	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.88	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.16	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.28	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.3	ug/kg	
67-66-3	Chloroform	ND	2.0	0.52	ug/kg	
74-87-3	Chloromethane	ND	5.0	0.47	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.30	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.29	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.29	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.37	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.50	ug/kg	
100-41-4	Ethylbenzene	2.0	2.0	0.24	ug/kg	
591-78-6	2-Hexanone	ND	5.0	1.3	ug/kg	
98-82-8	Isopropylbenzene	0.37	5.0	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	5.0	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	2.0	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-2-4		
Lab Sample ID:	MC22176-1	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	80.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	5.0	0.23	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.43	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.23	ug/kg	
108-88-3	Toluene	14.3	5.0	0.85	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.32	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.74	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.21	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	5.0	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	5.0	0.21	ug/kg	J
75-01-4	Vinyl chloride	ND	2.0	0.27	ug/kg	
	m,p-Xylene	10.8	2.0	0.79	ug/kg	
95-47-6	o-Xylene	3.5	2.0	0.24	ug/kg	
1330-20-7	Xylene (total)	14.3	2.0	0.24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-130%
2037-26-5	Toluene-D8	76%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13616.D	1	07/03/13	KR	06/27/13	OP33802	MSW622
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	97	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	74	ug/kg	
95-48-7	2-Methylphenol	ND	590	24	ug/kg	
	3&4-Methylphenol	ND	590	29	ug/kg	
88-75-5	2-Nitrophenol	ND	590	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	590	42	ug/kg	
108-95-2	Phenol	ND	300	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	15	ug/kg	
83-32-9	Acenaphthene	49.3	120	16	ug/kg	J
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	75.7	120	14	ug/kg	J
56-55-3	Benzo(a)anthracene	90.5	120	15	ug/kg	J
50-32-8	Benzo(a)pyrene	62.7	120	13	ug/kg	J
205-99-2	Benzo(b)fluoranthene	48.7	120	15	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	27.7	120	12	ug/kg	J
207-08-9	Benzo(k)fluoranthene	51.4	120	18	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	300	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	16	ug/kg	
106-47-8	4-Chloroaniline	ND	590	15	ug/kg	
86-74-8	Carbazole	21.1	120	14	ug/kg	J
218-01-9	Chrysene	102	120	15	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	300	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	300	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	300	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	300	16	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	27.6	120	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	300	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	9.3	ug/kg	
84-66-2	Diethyl phthalate	ND	300	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	62.1	300	11	ug/kg	JB
206-44-0	Fluoranthene	185	120	16	ug/kg	
86-73-7	Fluorene	46.7	120	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	300	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	150	ug/kg	
67-72-1	Hexachloroethane	ND	300	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	26.0	120	13	ug/kg	J
78-59-1	Isophorone	ND	300	14	ug/kg	
91-57-6	2-Methylnaphthalene	22.8	120	15	ug/kg	J
88-74-4	2-Nitroaniline	ND	590	15	ug/kg	
99-09-2	3-Nitroaniline	ND	590	32	ug/kg	
100-01-6	4-Nitroaniline	ND	590	15	ug/kg	
91-20-3	Naphthalene	24.4	120	19	ug/kg	J
98-95-3	Nitrobenzene	ND	300	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	18	ug/kg	
85-01-8	Phenanthrene	229	120	16	ug/kg	
129-00-0	Pyrene	152	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		30-130%
4165-62-2	Phenol-d5	81%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37168.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.9	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.9	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.9	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.9	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.9	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.9	3.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.9	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.9	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.9	2.6	ug/kg	
72-55-9	4,4'-DDE	ND	7.9	3.3	ug/kg	
50-29-3	4,4'-DDT	ND	7.9	2.5	ug/kg	
72-20-8	Endrin	ND	7.9	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.9	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.9	2.5	ug/kg	
959-98-8	Endosulfan-I	ND	7.9	3.1	ug/kg	
33213-65-9	Endosulfan-II	ND	7.9	2.6	ug/kg	
76-44-8	Heptachlor	ND	7.9	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.9	2.5	ug/kg	
72-43-5	Methoxychlor	ND	7.9	3.2	ug/kg	
53494-70-5	Endrin ketone	ND	7.9	2.9	ug/kg	
8001-35-2	Toxaphene	ND	79	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	102%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81786.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	18	ug/kg	
53469-21-9	Aroclor 1242	ND	39	19	ug/kg	
12672-29-6	Aroclor 1248	ND	39	17	ug/kg	
11097-69-1	Aroclor 1254	ND	39	28	ug/kg	
11096-82-5	Aroclor 1260	ND	39	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		30-150%
877-09-8	Tetrachloro-m-xylene	109%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	127%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BH-9-0-6
Lab Sample ID: MC22176-2
Matrix: SO - Soil
Date Sampled: 06/25/13
Date Received: 06/26/13
Percent Solids: 81.5
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2140	22	4.0	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.17 U	1.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	2.0	1.1	0.23	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	17.4	5.6	0.081	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.12 B	0.45	0.027	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.15 B	0.45	0.047	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	40300	560	7.0	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.2	1.1	0.11	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B	5.6	0.052	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.4	2.8	0.62	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5420	11	0.97	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	27.9	1.1	0.19	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	15500	560	5.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	158	1.7	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.10	0.037	0.011	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.6 B	4.5	0.049	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	471 B	560	9.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.39 U	1.1	0.39	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.14 U	0.56	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	155 B	560	3.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.15 U	1.1	0.15	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.6	1.1	0.15	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	56.3	2.2	0.18	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
		Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	07/03/13 12:01	MA	SW846 9012 M
Solids, Percent	81.5		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP BH-10-4-6		
Lab Sample ID:	MC22176-3	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57499.D	1	06/29/13	KD	n/a	n/a	MSM1975
Run #2							

	Initial Weight	Final Volume
Run #1	5.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	1.3	ug/kg	
71-43-2	Benzene	10.1	0.53	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.22	ug/kg	
75-25-2	Bromoform	ND	2.1	2.1	ug/kg	
74-83-9	Bromomethane	ND	2.1	0.55	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.3	1.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	0.20	ug/kg	
135-98-8	sec-Butylbenzene	0.28	5.3	0.24	ug/kg	J
98-06-6	tert-Butylbenzene	ND	5.3	0.94	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.77	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.29	ug/kg	
75-00-3	Chloroethane	ND	5.3	1.3	ug/kg	
67-66-3	Chloroform	ND	2.1	0.55	ug/kg	
74-87-3	Chloromethane	ND	5.3	0.49	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.1	0.29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.1	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.1	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.1	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.30	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.1	0.30	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.53	ug/kg	
100-41-4	Ethylbenzene	3.0	2.1	0.26	ug/kg	
591-78-6	2-Hexanone	ND	5.3	1.3	ug/kg	
98-82-8	Isopropylbenzene	0.43	5.3	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	5.3	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.1	0.31	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.3	0.53	ug/kg	
75-09-2	Methylene chloride	ND	2.1	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-10-4-6		
Lab Sample ID:	MC22176-3	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.3	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	1.1	ug/kg	
100-42-5	Styrene	ND	5.3	0.25	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.24	ug/kg	
108-88-3	Toluene	22.5	5.3	0.90	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.33	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.78	ug/kg	
79-01-6	Trichloroethene	ND	2.1	0.22	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.6	5.3	0.24	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.9	5.3	0.23	ug/kg	J
75-01-4	Vinyl chloride	ND	2.1	0.29	ug/kg	
	m,p-Xylene	16.7	2.1	0.84	ug/kg	
95-47-6	o-Xylene	5.5	2.1	0.25	ug/kg	
1330-20-7	Xylene (total)	22.1	2.1	0.25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	75%		70-130%
460-00-4	4-Bromofluorobenzene	77%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31968.D	1	07/03/13	KR	06/27/13	OP33802	MSR1165
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	96	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	74	ug/kg	
95-48-7	2-Methylphenol	ND	590	23	ug/kg	
	3&4-Methylphenol	ND	590	29	ug/kg	
88-75-5	2-Nitrophenol	ND	590	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	590	42	ug/kg	
108-95-2	Phenol	ND	300	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	15	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	300	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	16	ug/kg	
106-47-8	4-Chloroaniline	ND	590	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	300	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BH-10-0-6
Lab Sample ID: MC22176-4 **Date Sampled:** 06/25/13
Matrix: SO - Soil **Date Received:** 06/26/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 83.7
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	300	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	300	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	300	16	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	ND	120	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	300	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	300	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	156	300	11	ug/kg	J
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	300	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	150	ug/kg	
67-72-1	Hexachloroethane	ND	300	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
78-59-1	Isophorone	ND	300	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	590	15	ug/kg	
99-09-2	3-Nitroaniline	ND	590	32	ug/kg	
100-01-6	4-Nitroaniline	ND	590	15	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
98-95-3	Nitrobenzene	ND	300	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	18	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		30-130%
4165-62-2	Phenol-d5	74%		30-130%
118-79-6	2,4,6-Tribromophenol	55%		30-130%
4165-60-0	Nitrobenzene-d5	68%		30-130%
321-60-8	2-Fluorobiphenyl	83%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37169.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.9	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.9	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.9	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.9	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.9	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.9	3.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.9	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.9	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.9	2.6	ug/kg	
72-55-9	4,4'-DDE	ND	7.9	3.2	ug/kg	
50-29-3	4,4'-DDT	ND	7.9	2.5	ug/kg	
72-20-8	Endrin	ND	7.9	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.9	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.9	2.4	ug/kg	
959-98-8	Endosulfan-I	ND	7.9	3.1	ug/kg	
33213-65-9	Endosulfan-II	ND	7.9	2.5	ug/kg	
76-44-8	Heptachlor	ND	7.9	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.9	2.4	ug/kg	
72-43-5	Methoxychlor	ND	7.9	3.1	ug/kg	
53494-70-5	Endrin ketone	ND	7.9	2.9	ug/kg	
8001-35-2	Toxaphene	ND	79	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81787.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	17	ug/kg	
11104-28-2	Aroclor 1221	ND	38	23	ug/kg	
11141-16-5	Aroclor 1232	ND	38	18	ug/kg	
53469-21-9	Aroclor 1242	ND	38	19	ug/kg	
12672-29-6	Aroclor 1248	ND	38	17	ug/kg	
11097-69-1	Aroclor 1254	ND	38	28	ug/kg	
11096-82-5	Aroclor 1260	ND	38	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		30-150%
877-09-8	Tetrachloro-m-xylene	108%		30-150%
2051-24-3	Decachlorobiphenyl	126%		30-150%
2051-24-3	Decachlorobiphenyl	125%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BH-10-0-6
Lab Sample ID: MC22176-4
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/25/13
Date Received: 06/26/13
Percent Solids: 83.7

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2650	21	3.8	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.6	1.1	0.22	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	19.6	5.3	0.077	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.13 B	0.43	0.025	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.11 B	0.43	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	39400	530	6.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	5.5	1.1	0.10	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B	5.3	0.050	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	7.0	2.7	0.59	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5240	11	0.93	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	44.1	1.1	0.18	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	16300	530	5.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	154	1.6	0.043	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.098	0.036	0.010	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.6 B	4.3	0.047	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	541	530	9.1	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.14 B	0.53	0.13	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	224 B	530	3.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.21 B	1.1	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.5	1.1	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	51.9	2.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
		Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	07/03/13 12:02	MA	SW846 9012 M
Solids, Percent	83.7		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP BH-11-4-6		
Lab Sample ID:	MC22176-5	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57511.D	1	07/01/13	KD	n/a	n/a	MSM1976
Run #2							

	Initial Weight	Final Volume
Run #1	6.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.1	1.2	ug/kg	
71-43-2	Benzene	7.3	0.46	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.48	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.6	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.17	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	0.81	ug/kg	
75-15-0	Carbon disulfide	2.4	4.6	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.6	1.2	ug/kg	
67-66-3	Chloroform	ND	1.8	0.47	ug/kg	
74-87-3	Chloromethane	ND	4.6	0.42	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.34	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.45	ug/kg	
100-41-4	Ethylbenzene	1.9	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.6	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.39	4.6	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6	0.46	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-4-6		
Lab Sample ID:	MC22176-5	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.6	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	0.93	ug/kg	
100-42-5	Styrene	ND	4.6	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	14.9	4.6	0.78	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.67	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.4	4.6	0.20	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	4.6	0.20	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	10.9	1.8	0.72	ug/kg	
95-47-6	o-Xylene	3.6	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	14.4	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-130%
2037-26-5	Toluene-D8	76%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31969.D	1	07/03/13	KR	06/27/13	OP33802	MSR1165
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	95	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	73	ug/kg	
95-48-7	2-Methylphenol	ND	580	23	ug/kg	
	3&4-Methylphenol	ND	580	28	ug/kg	
88-75-5	2-Nitrophenol	ND	580	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	580	41	ug/kg	
108-95-2	Phenol	ND	290	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	14	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	16.7	120	15	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	16	ug/kg	
106-47-8	4-Chloroaniline	ND	580	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	ND	120	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	290	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	150	290	11	ug/kg	J
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	580	150	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	580	15	ug/kg	
99-09-2	3-Nitroaniline	ND	580	32	ug/kg	
100-01-6	4-Nitroaniline	ND	580	15	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
98-95-3	Nitrobenzene	ND	290	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	18	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	16.3	120	14	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		30-130%
4165-62-2	Phenol-d5	81%		30-130%
118-79-6	2,4,6-Tribromophenol	77%		30-130%
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37170.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.8	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.8	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.8	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.8	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.8	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.8	2.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.8	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.8	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.8	2.5	ug/kg	
72-55-9	4,4'-DDE	ND	7.8	3.2	ug/kg	
50-29-3	4,4'-DDT	ND	7.8	2.4	ug/kg	
72-20-8	Endrin	ND	7.8	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.8	2.6	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.8	2.4	ug/kg	
959-98-8	Endosulfan-I	ND	7.8	3.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.8	2.5	ug/kg	
76-44-8	Heptachlor	ND	7.8	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.8	2.4	ug/kg	
72-43-5	Methoxychlor	ND	7.8	3.1	ug/kg	
53494-70-5	Endrin ketone	ND	7.8	2.8	ug/kg	
8001-35-2	Toxaphene	ND	78	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81788.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	18	ug/kg	
53469-21-9	Aroclor 1242	ND	39	19	ug/kg	
12672-29-6	Aroclor 1248	ND	39	17	ug/kg	
11097-69-1	Aroclor 1254	ND	39	28	ug/kg	
11096-82-5	Aroclor 1260	ND	39	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	115%		30-150%
2051-24-3	Decachlorobiphenyl	138%		30-150%
2051-24-3	Decachlorobiphenyl	136%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BH-11-0-6
Lab Sample ID: MC22176-6
Matrix: SO - Soil
Date Sampled: 06/25/13
Date Received: 06/26/13
Percent Solids: 82.9
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2250	21	3.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 U	1.0	0.16	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.7	1.0	0.21	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	12.2	5.2	0.075	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.12 B	0.41	0.025	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.18 B	0.41	0.044	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	41000	520	6.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.9	1.0	0.098	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.8 B	5.2	0.048	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.8	2.6	0.57	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	6930	10	0.90	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	7.0	1.0	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	17100	520	5.3	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	183	1.5	0.041	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.060	0.035	0.010	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.5 B	4.1	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	559	520	8.8	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.36 U	1.0	0.36	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.13 U	0.52	0.13	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	138 B	520	3.4	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	12.8	1.0	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	52.7	2.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	**Date Sampled:**	06/25/13
Matrix:	SO - Soil	**Date Received:**	06/26/13
		Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	07/03/13 12:06	MA	SW846 9012 M
Solids, Percent	82.9		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H61957.D	1	06/29/13	AMY	n/a	n/a	MSH2046
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	0.52	2.0	0.41	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	113%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13489.D	1	06/29/13	KR	06/27/13	OP33784	MSW616
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	0.40	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	11	0.52	ug/l	
120-83-2	2,4-Dichlorophenol	ND	11	0.35	ug/l	
105-67-9	2,4-Dimethylphenol	ND	11	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	1.3	ug/l	
95-48-7	2-Methylphenol	ND	11	1.4	ug/l	
	3&4-Methylphenol	ND	11	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	11	0.53	ug/l	
100-02-7	4-Nitrophenol	ND	21	0.61	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	5.3	0.54	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	11	0.60	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	11	0.33	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.59	ug/l	
120-12-7	Anthracene	ND	2.1	0.22	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.28	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	0.90	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	11	0.26	ug/l	
86-74-8	Carbazole	ND	2.1	0.22	ug/l	
218-01-9	Chrysene	ND	2.1	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	0.22	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	0.21	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.27	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	0.71	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.1	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	0.41	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	0.53	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	0.53	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.51	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.23	ug/l	
86-73-7	Fluorene	ND	2.1	0.25	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	0.31	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	0.31	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.46	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	0.29	ug/l	
78-59-1	Isophorone	ND	5.3	0.21	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.41	ug/l	
88-74-4	2-Nitroaniline	ND	11	0.29	ug/l	
99-09-2	3-Nitroaniline	ND	11	0.53	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.6	ug/l	
91-20-3	Naphthalene	ND	2.1	0.18	ug/l	
98-95-3	Nitrobenzene	ND	5.3	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	0.85	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.57	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.22	ug/l	
129-00-0	Pyrene	ND	2.1	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		15-110%
4165-62-2	Phenol-d5	31%		15-110%
118-79-6	2,4,6-Tribromophenol	84%		15-110%
4165-60-0	Nitrobenzene-d5	79%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	95%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37253.D	1	07/02/13	AP	06/27/13	OP33795	GBE1937
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	42%		30-150%
2051-24-3	Decachlorobiphenyl	50%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81730.D	1	06/28/13	CZ	06/26/13	OP33775	GYZ7199
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.075	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.065	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	49%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-2
Lab Sample ID: MC22176-7
Matrix: AQ - Equipment Blank
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/25/13
Date Received: 06/26/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	47.9 B	5000	38	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	20 U	100	20	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	0.81 U	15	0.81	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	06/28/13	07/01/13	SA	SW846 7470A [2]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	206 B	5000	60	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	0.50 B	20	0.50	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15808
(2) Instrument QC Batch: MA15810
(3) Prep QC Batch: MP21255
(4) Prep QC Batch: MP21274

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	**Date Sampled:**	06/25/13
Matrix:	AQ - Equipment Blank	**Date Received:**	06/26/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	06/28/13 13:13	MA	SW846 9012

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC22176

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere Dr., #120
City: Buffalo State: NY Zip: 14202
Project Contact: Doug Reed E-mail: dreed@landercorp.com
Phone #: 1-800-474-6802 Fax #:
Sampler(s) Name(s): Margaret A Popek Phone #: SAA

Project Information

Project Name: BCP
Street: 233 S. Elmwood + 234 Delaware
City: Buffalo, NY
Project#: 12B2170.26/BCP ID C915271
Client PO#:
Project Manager: Doug Reed

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL + STARS
8270 TCL + STARS
TAL metals+Cyanide (310/6010/7196/7473)
PCBs+Pesticides 8081/8082

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 TCL + STARS	TAL metals+Cyanide (310/6010/7196/7473)	PCBs+Pesticides 8081/8082	LAB USE ONLY
-1	BCP BH-9-2-4		6/25/13	1035	mp	SO	4					1	1		2		X				
-2	BCP BH-9-0-6		6/25/13	1035	mp	SO	5					5						X	X	X	
-3	BCP BH-10-4-6		6/25/13	900	mp	SO	4					1	1		2		X				
-4	BCP BH-10-0-6		6/25/13	0900	mp	SO	5					5						X	X	X	
-5	BCP BH-11-4-6		6/25/13	1245	mp	SO	4					1	1		2		X				
-6	BCP BH-11-0-6		6/25/13	1245	mp	SO	5					5						X	X	X	
-7	EB-2		6/25/13	1630	mp	WW	8	3		1		4					X	X	X	X	
																					ID, 10L2
																					17C, 5F
																					3K1

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Labiink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] ~~Commercial "B" (Level 2)~~
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NY DEC EQUIS
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 Margaret A Popek	6/25/13 1700	1 FX	2 FX	6-26-13 9:30	2 Brossard
3		3	4		4
5		5	Custody Seal #	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp. 1.6 Da

MC22176: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22176 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 6/26/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
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Marlborough, MA
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MC22176: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC22274

Sampling Date: 06/26/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **32**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC22274

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC22274-1	06/26/13	12:57	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-1
MC22274-2	06/26/13	13:00	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-2
MC22274-3	06/26/13	12:44	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-3
MC22274-4	06/26/13	12:39	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-4
MC22274-5	06/26/13	12:55	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-5
MC22274-6	06/26/13	13:02	DCJR	06/27/13	AIR	Soil Vapor Comp.	BCP-SV-6

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC22274
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	7/15/2013 10:23:30 AM

6 Sample(s) were collected on 06/26/2013 and were received at Accutest on 06/27/2013 at AMB and intact. These Samples received an Accutest job number of MC22274. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method TO-15

Matrix: AIR **Batch ID:** MSQ1045

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22242-1DUP were used as the QC samples indicated.
- RPD(s) for Duplicate for Acetone, Hexane, Methylene chloride are outside control limits for sample MC22242-1DUP. High RPD due to possible matrix interference and/or sample non-homogeneity.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22274).

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22274-1	**BCP-SV-1**					
Acetone		244	10	3.3	ppbv	TO-15
Benzene		10.8	0.50	0.091	ppbv	TO-15
Carbon disulfide		8.4	0.50	0.057	ppbv	TO-15
Carbon tetrachloride		0.31	0.20	0.092	ppbv	TO-15
Cyclohexane		11.2	0.50	0.082	ppbv	TO-15
m-Dichlorobenzene		0.68	0.50	0.27	ppbv	TO-15
Ethanol		23.2	0.50	0.13	ppbv	TO-15
Ethylbenzene		22.2	0.50	0.089	ppbv	TO-15
4-Ethyltoluene		3.7	0.50	0.062	ppbv	TO-15
Freon 113		0.31 J	0.50	0.091	ppbv	TO-15
Heptane		32.6	0.50	0.10	ppbv	TO-15
Hexane		31.9	0.50	0.090	ppbv	TO-15
2-Hexanone		2.1	0.50	0.12	ppbv	TO-15
Methylene chloride		0.51	0.50	0.088	ppbv	TO-15
Methyl ethyl ketone		12.3	0.50	0.15	ppbv	TO-15
Styrene		0.55	0.50	0.075	ppbv	TO-15
1,1,1-Trichloroethane		0.23	0.20	0.080	ppbv	TO-15
1,3,5-Trimethylbenzene		4.4	0.50	0.067	ppbv	TO-15
Tertiary Butyl Alcohol		3.2	0.50	0.085	ppbv	TO-15
Tetrachloroethylene		0.83	0.20	0.098	ppbv	TO-15
Tetrahydrofuran		2.5	0.50	0.14	ppbv	TO-15
Toluene		93.3	10	2.2	ppbv	TO-15
Trichlorofluoromethane		0.42 J	0.50	0.088	ppbv	TO-15
Vinyl Acetate		24.6	0.50	0.11	ppbv	TO-15
m,p-Xylene		71.4	10	4.0	ppbv	TO-15
o-Xylene		32.3	0.50	0.11	ppbv	TO-15
Xylenes (total)		104	10	2.2	ppbv	TO-15
Acetone		580	24	7.8	ug/m3	TO-15
Benzene		34.5	1.6	0.29	ug/m3	TO-15
Carbon disulfide		26	1.6	0.18	ug/m3	TO-15
Carbon tetrachloride		2.0	1.3	0.58	ug/m3	TO-15
Cyclohexane		38.6	1.7	0.28	ug/m3	TO-15
m-Dichlorobenzene		4.1	3.0	1.6	ug/m3	TO-15
Ethanol		43.6	0.94	0.24	ug/m3	TO-15
Ethylbenzene		96.4	2.2	0.39	ug/m3	TO-15
4-Ethyltoluene		18	2.5	0.30	ug/m3	TO-15
Freon 113		2.4 J	3.8	0.70	ug/m3	TO-15
Heptane		134	2.0	0.41	ug/m3	TO-15
Hexane		112	1.8	0.32	ug/m3	TO-15
2-Hexanone		8.6	2.0	0.49	ug/m3	TO-15
Methylene chloride		1.8	1.7	0.31	ug/m3	TO-15
Methyl ethyl ketone		36.3	1.5	0.44	ug/m3	TO-15
Styrene		2.3	2.1	0.32	ug/m3	TO-15

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
1,1,1-Trichloroethane		1.3	1.1	0.44	ug/m3	TO-15
1,3,5-Trimethylbenzene		22	2.5	0.33	ug/m3	TO-15
Tertiary Butyl Alcohol		9.7	1.5	0.26	ug/m3	TO-15
Tetrachloroethylene		5.6	1.4	0.66	ug/m3	TO-15
Tetrahydrofuran		7.4	1.5	0.41	ug/m3	TO-15
Toluene		352	38	8.3	ug/m3	TO-15
Trichlorofluoromethane		2.4 J	2.8	0.49	ug/m3	TO-15
Vinyl Acetate		86.5	1.8	0.39	ug/m3	TO-15
m,p-Xylene		310	43	17	ug/m3	TO-15
o-Xylene		140	2.2	0.48	ug/m3	TO-15
Xylenes (total)		450	43	9.6	ug/m3	TO-15
MC22274-2	**BCP-SV-2**					
Acetone		787	10	3.3	ppbv	TO-15
Benzene		23.6	0.50	0.091	ppbv	TO-15
Carbon disulfide		35.5	0.50	0.057	ppbv	TO-15
Chloroform		15.7	0.50	0.10	ppbv	TO-15
Cyclohexane		34.3	0.50	0.082	ppbv	TO-15
Ethanol		15.4	0.50	0.13	ppbv	TO-15
Ethylbenzene		6.2	0.50	0.089	ppbv	TO-15
Heptane		47.0	10	2.0	ppbv	TO-15
Hexane		123	10	1.8	ppbv	TO-15
Methyl ethyl ketone		12.2	0.50	0.15	ppbv	TO-15
2,2,4-Trimethylpentane		46.6	10	1.7	ppbv	TO-15
Tetrachloroethylene		0.41	0.20	0.098	ppbv	TO-15
Tetrahydrofuran		3.8	0.50	0.14	ppbv	TO-15
Toluene		93.9	10	2.2	ppbv	TO-15
m,p-Xylene		13.5	0.50	0.20	ppbv	TO-15
o-Xylene		3.1	0.50	0.11	ppbv	TO-15
Xylenes (total)		16.6	0.50	0.11	ppbv	TO-15
Acetone		1870	24	7.8	ug/m3	TO-15
Benzene		75.4	1.6	0.29	ug/m3	TO-15
Carbon disulfide		111	1.6	0.18	ug/m3	TO-15
Chloroform		76.7	2.4	0.49	ug/m3	TO-15
Cyclohexane		118	1.7	0.28	ug/m3	TO-15
Ethanol		29.0	0.94	0.24	ug/m3	TO-15
Ethylbenzene		27	2.2	0.39	ug/m3	TO-15
Heptane		193	41	8.2	ug/m3	TO-15
Hexane		433	35	6.3	ug/m3	TO-15
Methyl ethyl ketone		36.0	1.5	0.44	ug/m3	TO-15
2,2,4-Trimethylpentane		218	47	7.9	ug/m3	TO-15
Tetrachloroethylene		2.8	1.4	0.66	ug/m3	TO-15
Tetrahydrofuran		11	1.5	0.41	ug/m3	TO-15
Toluene		354	38	8.3	ug/m3	TO-15

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
m,p-Xylene		58.6	2.2	0.87	ug/m3	TO-15
o-Xylene		13	2.2	0.48	ug/m3	TO-15
Xylenes (total)		72.1	2.2	0.48	ug/m3	TO-15
MC22274-3	**BCP-SV-3**					
Acetone		247	10	3.3	ppbv	TO-15
Benzene		5.0	0.50	0.091	ppbv	TO-15
Chloroform		0.82	0.50	0.10	ppbv	TO-15
Cyclohexane		3.4	0.50	0.082	ppbv	TO-15
m-Dichlorobenzene		0.30 J	0.50	0.27	ppbv	TO-15
Ethanol		11.1	0.50	0.13	ppbv	TO-15
Ethylbenzene		26.9	0.50	0.089	ppbv	TO-15
4-Ethyltoluene		9.1	0.50	0.062	ppbv	TO-15
Heptane		11.2	0.50	0.10	ppbv	TO-15
Hexane		7.3	0.50	0.090	ppbv	TO-15
2-Hexanone		2.6	0.50	0.12	ppbv	TO-15
Isopropyl Alcohol		1.6	0.50	0.10	ppbv	TO-15
Methyl ethyl ketone		11.9	0.50	0.15	ppbv	TO-15
Styrene		0.73	0.50	0.075	ppbv	TO-15
1,2,4-Trimethylbenzene		20.7	0.50	0.068	ppbv	TO-15
1,3,5-Trimethylbenzene		9.4	0.50	0.067	ppbv	TO-15
Tertiary Butyl Alcohol		2.2	0.50	0.085	ppbv	TO-15
Tetrachloroethylene		0.95	0.20	0.098	ppbv	TO-15
Tetrahydrofuran		2.0	0.50	0.14	ppbv	TO-15
Toluene		81.3	10	2.2	ppbv	TO-15
m,p-Xylene		106	10	4.0	ppbv	TO-15
o-Xylene		36.3	10	2.2	ppbv	TO-15
Xylenes (total)		142	10	2.2	ppbv	TO-15
Acetone		587	24	7.8	ug/m3	TO-15
Benzene		16	1.6	0.29	ug/m3	TO-15
Chloroform		4.0	2.4	0.49	ug/m3	TO-15
Cyclohexane		12	1.7	0.28	ug/m3	TO-15
m-Dichlorobenzene		1.8 J	3.0	1.6	ug/m3	TO-15
Ethanol		20.9	0.94	0.24	ug/m3	TO-15
Ethylbenzene		117	2.2	0.39	ug/m3	TO-15
4-Ethyltoluene		45	2.5	0.30	ug/m3	TO-15
Heptane		45.9	2.0	0.41	ug/m3	TO-15
Hexane		26	1.8	0.32	ug/m3	TO-15
2-Hexanone		11	2.0	0.49	ug/m3	TO-15
Isopropyl Alcohol		3.9	1.2	0.25	ug/m3	TO-15
Methyl ethyl ketone		35.1	1.5	0.44	ug/m3	TO-15
Styrene		3.1	2.1	0.32	ug/m3	TO-15
1,2,4-Trimethylbenzene		102	2.5	0.33	ug/m3	TO-15
1,3,5-Trimethylbenzene		46	2.5	0.33	ug/m3	TO-15

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Tertiary Butyl Alcohol	6.7	1.5	0.26	ug/m3	TO-15
Tetrachloroethylene	6.4	1.4	0.66	ug/m3	TO-15
Tetrahydrofuran	5.9	1.5	0.41	ug/m3	TO-15
Toluene	306	38	8.3	ug/m3	TO-15
m,p-Xylene	460	43	17	ug/m3	TO-15
o-Xylene	158	43	9.6	ug/m3	TO-15
Xylenes (total)	617	43	9.6	ug/m3	TO-15
MC22274-4 BCP-SV-4					
Acetone	259	10	3.3	ppbv	TO-15
Benzene	5.5	0.50	0.091	ppbv	TO-15
Carbon disulfide	2.3	0.50	0.057	ppbv	TO-15
Chloroform	1.1	0.50	0.10	ppbv	TO-15
Cyclohexane	2.4	0.50	0.082	ppbv	TO-15
m-Dichlorobenzene	0.74	0.50	0.27	ppbv	TO-15
Ethanol	15.5	0.50	0.13	ppbv	TO-15
Ethylbenzene	14.1	0.50	0.089	ppbv	TO-15
4-Ethyltoluene	3.3	0.50	0.062	ppbv	TO-15
Heptane	10.8	0.50	0.10	ppbv	TO-15
Hexane	8.1	0.50	0.090	ppbv	TO-15
2-Hexanone	3.1	0.50	0.12	ppbv	TO-15
Methyl ethyl ketone	11.9	0.50	0.15	ppbv	TO-15
1,3,5-Trimethylbenzene	3.9	0.50	0.067	ppbv	TO-15
2,2,4-Trimethylpentane	1.6	0.50	0.084	ppbv	TO-15
Tertiary Butyl Alcohol	1.9	0.50	0.085	ppbv	TO-15
Tetrahydrofuran	2.1	0.50	0.14	ppbv	TO-15
Toluene	62.2	10	2.2	ppbv	TO-15
m,p-Xylene	70.9	0.50	0.20	ppbv	TO-15
o-Xylene	22.0	0.50	0.11	ppbv	TO-15
Xylenes (total)	92.9	0.50	0.11	ppbv	TO-15
Acetone	615	24	7.8	ug/m3	TO-15
Benzene	18	1.6	0.29	ug/m3	TO-15
Carbon disulfide	7.2	1.6	0.18	ug/m3	TO-15
Chloroform	5.4	2.4	0.49	ug/m3	TO-15
Cyclohexane	8.3	1.7	0.28	ug/m3	TO-15
m-Dichlorobenzene	4.4	3.0	1.6	ug/m3	TO-15
Ethanol	29.2	0.94	0.24	ug/m3	TO-15
Ethylbenzene	61.2	2.2	0.39	ug/m3	TO-15
4-Ethyltoluene	16	2.5	0.30	ug/m3	TO-15
Heptane	44.3	2.0	0.41	ug/m3	TO-15
Hexane	29	1.8	0.32	ug/m3	TO-15
2-Hexanone	13	2.0	0.49	ug/m3	TO-15
Methyl ethyl ketone	35.1	1.5	0.44	ug/m3	TO-15
1,3,5-Trimethylbenzene	19	2.5	0.33	ug/m3	TO-15

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
2,2,4-Trimethylpentane		7.5	2.3	0.39	ug/m3	TO-15
Tertiary Butyl Alcohol		5.8	1.5	0.26	ug/m3	TO-15
Tetrahydrofuran		6.2	1.5	0.41	ug/m3	TO-15
Toluene		234	38	8.3	ug/m3	TO-15
m,p-Xylene		308	2.2	0.87	ug/m3	TO-15
o-Xylene		95.6	2.2	0.48	ug/m3	TO-15
Xylenes (total)		404	2.2	0.48	ug/m3	TO-15
MC22274-5	**BCP-SV-5**					
Acetone		37.9	0.50	0.17	ppbv	TO-15
Benzene		0.24 J	0.50	0.091	ppbv	TO-15
Ethanol		14.7	0.50	0.13	ppbv	TO-15
Isopropyl Alcohol		0.59	0.50	0.10	ppbv	TO-15
Methyl ethyl ketone		1.2	0.50	0.15	ppbv	TO-15
Propylene		2.0	0.50	0.048	ppbv	TO-15
Toluene		0.37 J	0.50	0.11	ppbv	TO-15
Acetone		90.0	1.2	0.40	ug/m3	TO-15
Benzene		0.77 J	1.6	0.29	ug/m3	TO-15
Ethanol		27.7	0.94	0.24	ug/m3	TO-15
Isopropyl Alcohol		1.4	1.2	0.25	ug/m3	TO-15
Methyl ethyl ketone		3.5	1.5	0.44	ug/m3	TO-15
Propylene		3.4	0.86	0.082	ug/m3	TO-15
Toluene		1.4 J	1.9	0.41	ug/m3	TO-15
MC22274-6	**BCP-SV-6**					
Acetone		245	10	3.3	ppbv	TO-15
Benzene		5.2	0.50	0.091	ppbv	TO-15
m-Dichlorobenzene		1.6	0.50	0.27	ppbv	TO-15
Ethylbenzene		7.0	0.50	0.089	ppbv	TO-15
Heptane		9.4	0.50	0.10	ppbv	TO-15
Hexane		7.5	0.50	0.090	ppbv	TO-15
Methyl ethyl ketone		10.0	0.50	0.15	ppbv	TO-15
1,3,5-Trimethylbenzene		1.1	0.50	0.067	ppbv	TO-15
Toluene		49.1	10	2.2	ppbv	TO-15
m,p-Xylene		30.9	0.50	0.20	ppbv	TO-15
o-Xylene		8.8	0.50	0.11	ppbv	TO-15
Xylenes (total)		39.6	0.50	0.11	ppbv	TO-15
Acetone		582	24	7.8	ug/m3	TO-15
Benzene		17	1.6	0.29	ug/m3	TO-15
m-Dichlorobenzene		9.6	3.0	1.6	ug/m3	TO-15
Ethylbenzene		30	2.2	0.39	ug/m3	TO-15
Heptane		39	2.0	0.41	ug/m3	TO-15
Hexane		26	1.8	0.32	ug/m3	TO-15

Summary of Hits

Job Number: MC22274
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/26/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Methyl ethyl ketone		29.5	1.5	0.44	ug/m3	TO-15
1,3,5-Trimethylbenzene		5.4	2.5	0.33	ug/m3	TO-15
Toluene		185	38	8.3	ug/m3	TO-15
m,p-Xylene		134	2.2	0.87	ug/m3	TO-15
o-Xylene		38	2.2	0.48	ug/m3	TO-15
Xylenes (total)		172	2.2	0.48	ug/m3	TO-15

New England ACCUTEST LABORATORIES

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BCP-SV-1
Lab Sample ID: MC22274-1 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M157 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24043.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24044.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	244 [a]	10	3.3	ppbv		580 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	10.8	0.50	0.091	ppbv		34.5	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	8.4	0.50	0.057	ppbv		26	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.31	0.20	0.092	ppbv		2.0	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	11.2	0.50	0.082	ppbv		38.6	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.68	0.50	0.27	ppbv		4.1	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-1
Lab Sample ID: MC22274-1 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M157 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	23.2	0.50	0.13	ppbv		43.6	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	22.2	0.50	0.089	ppbv		96.4	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.7	0.50	0.062	ppbv		18	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	0.31	0.50	0.091	ppbv	J	2.4	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	32.6	0.50	0.10	ppbv		134	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	31.9	0.50	0.090	ppbv		112	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	2.1	0.50	0.12	ppbv		8.6	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	0.51	0.50	0.088	ppbv		1.8	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	12.3	0.50	0.15	ppbv		36.3	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	0.55	0.50	0.075	ppbv		2.3	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.23	0.20	0.080	ppbv		1.3	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	4.4	0.50	0.067	ppbv		22	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	3.2	0.50	0.085	ppbv		9.7	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.83	0.20	0.098	ppbv		5.6	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.5	0.50	0.14	ppbv		7.4	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	93.3 [a]	10	2.2	ppbv		352 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.42	0.50	0.088	ppbv	J	2.4	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	24.6	0.50	0.11	ppbv		86.5	1.8	0.39	ug/m3
	106.2	m,p-Xylene	71.4 [a]	10	4.0	ppbv		310 [a]	43	17	ug/m3
95-47-6	106.2	o-Xylene	32.3	0.50	0.11	ppbv		140	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	104 [a]	10	2.2	ppbv		450 [a]	43	9.6	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%	87%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-1		
Lab Sample ID:	MC22274-1	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M157	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-2
Lab Sample ID: MC22274-2 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M126,M136 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24045.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24046.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	787 [a]	10	3.3	ppbv		1870 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	23.6	0.50	0.091	ppbv		75.4	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	35.5	0.50	0.057	ppbv		111	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	15.7	0.50	0.10	ppbv		76.7	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	34.3	0.50	0.082	ppbv		118	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	0.27	ppbv		ND	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-2
Lab Sample ID: MC22274-2 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M126,M136 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	15.4	0.50	0.13	ppbv		29.0	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	6.2	0.50	0.089	ppbv		27	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	47.0 [a]	10	2.0	ppbv		193 [a]	41	8.2	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	123 [a]	10	1.8	ppbv		433 [a]	35	6.3	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	12.2	0.50	0.15	ppbv		36.0	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.50	0.067	ppbv		ND	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	46.6 [a]	10	1.7	ppbv		218 [a]	47	7.9	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.41	0.20	0.098	ppbv		2.8	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	3.8	0.50	0.14	ppbv		11	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	93.9 [a]	10	2.2	ppbv		354 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	13.5	0.50	0.20	ppbv		58.6	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	3.1	0.50	0.11	ppbv		13	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	16.6	0.50	0.11	ppbv		72.1	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%	80%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-2		
Lab Sample ID:	MC22274-2	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M126,M136	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-3
Lab Sample ID: MC22274-3 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M014 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24047.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24048.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	247 [a]	10	3.3	ppbv		587 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.0	0.50	0.091	ppbv		16	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	0.82	0.50	0.10	ppbv		4.0	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	3.4	0.50	0.082	ppbv		12	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.30	0.50	0.27	ppbv	J	1.8	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-3
Lab Sample ID: MC22274-3 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M014 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	11.1	0.50	0.13	ppbv		20.9	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	26.9	0.50	0.089	ppbv		117	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	9.1	0.50	0.062	ppbv		45	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	11.2	0.50	0.10	ppbv		45.9	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	7.3	0.50	0.090	ppbv		26	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	2.6	0.50	0.12	ppbv		11	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	1.6	0.50	0.10	ppbv		3.9	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	11.9	0.50	0.15	ppbv		35.1	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	0.73	0.50	0.075	ppbv		3.1	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	20.7	0.50	0.068	ppbv		102	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	9.4	0.50	0.067	ppbv		46	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.2	0.50	0.085	ppbv		6.7	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.95	0.20	0.098	ppbv		6.4	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.0	0.50	0.14	ppbv		5.9	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	81.3 [a]	10	2.2	ppbv		306 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	106 [a]	10	4.0	ppbv		460 [a]	43	17	ug/m3
95-47-6	106.2	o-Xylene	36.3 [a]	10	2.2	ppbv		158 [a]	43	9.6	ug/m3
1330-20-7	106.2	Xylenes (total)	142 [a]	10	2.2	ppbv		617 [a]	43	9.6	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%	87%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-3		
Lab Sample ID:	MC22274-3	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M014	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-4
Lab Sample ID: MC22274-4 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M257 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24049.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24050.D	20	07/03/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	259 [a]	10	3.3	ppbv		615 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.5	0.50	0.091	ppbv		18	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	2.3	0.50	0.057	ppbv		7.2	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	1.1	0.50	0.10	ppbv		5.4	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	2.4	0.50	0.082	ppbv		8.3	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.74	0.50	0.27	ppbv		4.4	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-4
Lab Sample ID: MC22274-4 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M257 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	15.5	0.50	0.13	ppbv		29.2	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	14.1	0.50	0.089	ppbv		61.2	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.3	0.50	0.062	ppbv		16	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	10.8	0.50	0.10	ppbv		44.3	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	8.1	0.50	0.090	ppbv		29	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	3.1	0.50	0.12	ppbv		13	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	11.9	0.50	0.15	ppbv		35.1	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	3.9	0.50	0.067	ppbv		19	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.6	0.50	0.084	ppbv		7.5	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.9	0.50	0.085	ppbv		5.8	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.1	0.50	0.14	ppbv		6.2	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	62.2 [a]	10	2.2	ppbv		234 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	70.9	0.50	0.20	ppbv		308	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	22.0	0.50	0.11	ppbv		95.6	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	92.9	0.50	0.11	ppbv		404	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	85%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-4		
Lab Sample ID:	MC22274-4	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M257	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-5
Lab Sample ID: MC22274-5 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M024 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24051.D	1	07/03/13	AA	n/a	n/a	MSQ1045
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	37.9	0.50	0.17	ppbv		90.0	1.2	0.40	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	0.24	0.50	0.091	ppbv	J	0.77	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	0.082	ppbv		ND	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	0.27	ppbv		ND	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-5
Lab Sample ID: MC22274-5 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M024 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	14.7	0.50	0.13	ppbv		27.7	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.50	0.089	ppbv		ND	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	0.59	0.50	0.10	ppbv		1.4	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.2	0.50	0.15	ppbv		3.5	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	2.0	0.50	0.048	ppbv		3.4	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.50	0.067	ppbv		ND	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	0.14	ppbv		ND	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	0.37	0.50	0.11	ppbv	J	1.4	1.9	0.41	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	ND	0.50	0.20	ppbv		ND	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-6		
Lab Sample ID:	MC22274-6	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M266	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24053.D	1	07/03/13	AA	n/a	n/a	MSQ1045
Run #2	Q24054.D	20	07/03/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	245 [a]	10	3.3	ppbv		582 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.2	0.50	0.091	ppbv		17	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	0.082	ppbv		ND	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	1.6	0.50	0.27	ppbv		9.6	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-SV-6
Lab Sample ID: MC22274-6 **Date Sampled:** 06/26/13
Matrix: AIR - Soil Vapor Comp. Summa ID: M266 **Date Received:** 06/27/13
Method: TO-15 **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	ND	0.50	0.13	ppbv		ND	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	7.0	0.50	0.089	ppbv		30	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	9.4	0.50	0.10	ppbv		39	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	7.5	0.50	0.090	ppbv		26	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	10.0	0.50	0.15	ppbv		29.5	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.1	0.50	0.067	ppbv		5.4	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	0.14	ppbv		ND	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	49.1 [a]	10	2.2	ppbv		185 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	30.9	0.50	0.20	ppbv		134	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	8.8	0.50	0.11	ppbv		38	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	39.6	0.50	0.11	ppbv		172	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	81%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-SV-6		
Lab Sample ID:	MC22274-6	**Date Sampled:**	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M266	**Date Received:**	06/27/13
Method:	TO-15	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

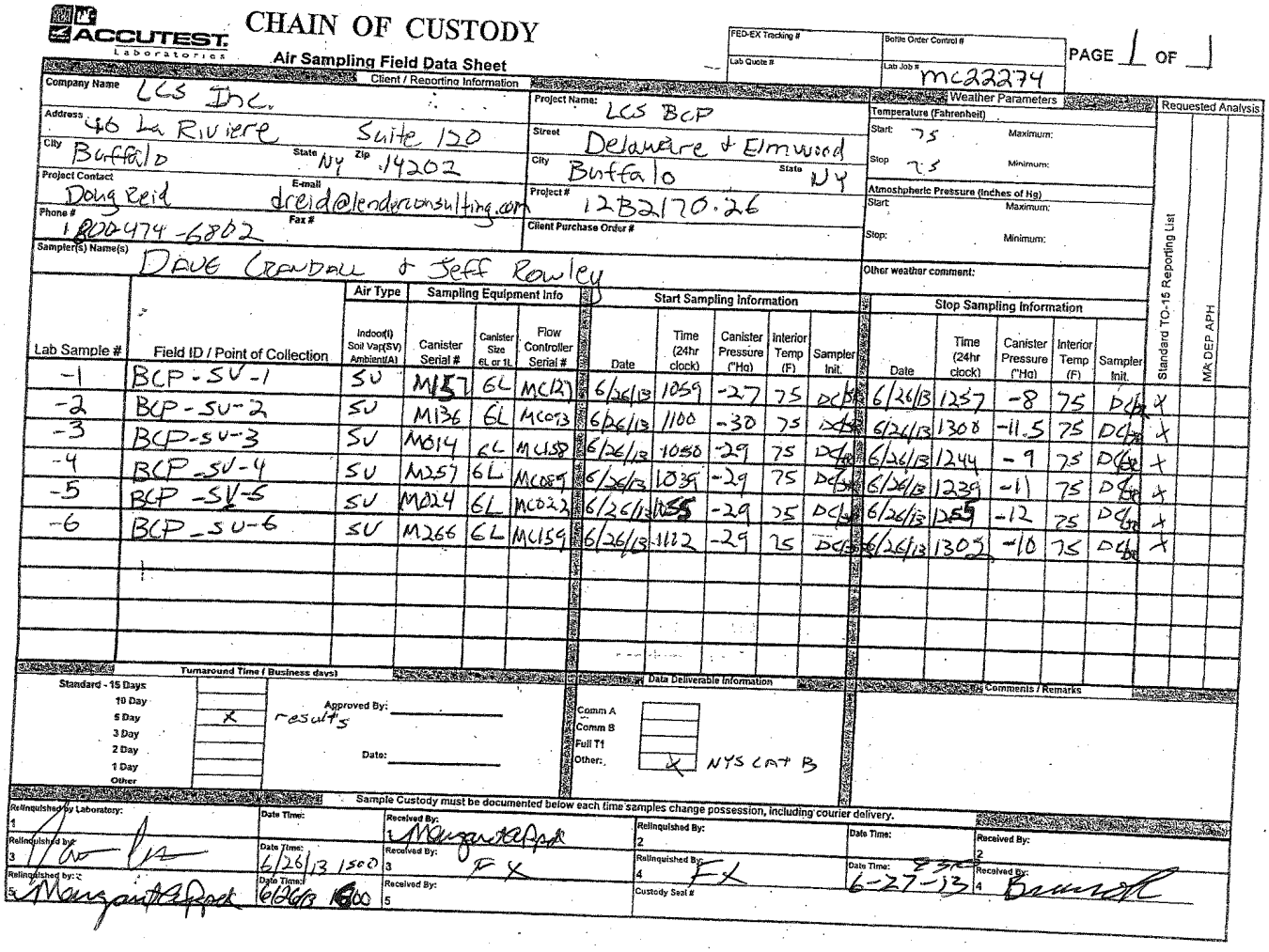
New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log



CHAIN OF CUSTODY

ACCUTEST Laboratories

Air Sampling Field Data Sheet

FED-EX Tracking #: | Bottle Order Control #: | PAGE 1 OF 1

Lab Quote #: | Lab Job #: MC22274

Client / Reporting Information

Company Name: LCS Inc.
Address: 40 La Riviere Suite 120
City: Buffalo State: NY Zip: 14202
Project Contact: Doug Reid E-mail: dreid@lenderconsulting.com
Phone #: 1800 474-6802 Fax #:
Sampler(s) Name(s): Dave Crandall & Jeff Rowley

Project Information

Project Name: LCS BCP
Street: Delaware & Elmwood
City: Buffalo State: NY
Project #: 12B2170.26
Client Purchase Order #:

Weather Parameters

Temperature (Fahrenheit) Start: 75 Maximum: Stop: 75 Minimum:
Atmospheric Pressure (inches of Hg) Start: Maximum: Stop: Minimum:
Other weather comment:

Requested Analysis

Standard TO-15 Reporting List | MA DEP APH

Lab Sample #	Field ID / Point of Collection	Air Type: Indoor(I) Soil Vap(SV) Ambient(A)	Sampling Equipment Info: Canister Serial #	Canister Size 6L or 1L	Flow Controller Serial #	Start Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Stop Sampling Information: Date	Time (24hr clock)	Canister Pressure ("Hg)	Interior Temp (F)	Sampler Init.	Standard TO-15 Reporting List	MA DEP APH
-1	BCP-SV-1	SV	M157	6L	MC127	6/26/13	1059	-27	75	DC	6/26/13	1257	-8	75	DC	X	
-2	BCP-SV-2	SV	M136	6L	MC073	6/26/13	1100	-30	75	DC	6/26/13	1308	-11.5	75	DC	X	
-3	BCP-SV-3	SV	M014	6L	MC158	6/26/13	1050	-29	75	DC	6/26/13	1244	-9	75	DC	X	
-4	BCP-SV-4	SV	M257	6L	MC089	6/26/13	1035	-29	75	DC	6/26/13	1239	-11	75	DC	X	
-5	BCP-SV-5	SV	M024	6L	MC023	6/26/13	1055	-29	75	DC	6/26/13	1259	-12	75	DC	X	
-6	BCP-SV-6	SV	M266	6L	MC159	6/26/13	1102	-29	75	DC	6/26/13	1302	-10	75	DC	X	

Turnaround Time (Business days)

Standard - 15 Days: | 10 Day: | 5 Day: X | 3 Day: | 2 Day: | 1 Day: | Other:

Approved By: results
Date:

Data Deliverable Information

Comm A: | Comm B: | Full T1: | Other: X NYS CAT B

Comments / Remarks

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Laboratory:	Date Time:	Received By:
1		2 Margaret Rapp
Relinquished by: 3	Date Time: 6/26/13 1500	Received By: 3 FX
Relinquished by: 5 Margaret Rapp	Date Time: 6/26/13 1500	Received By: 5

Relinquished By:	Date Time:	Received By:
2		2
Relinquished By: 4 FX	Date Time: 6-27-13 8:35	Received By: 4 Barnett
Custody Seal #		

SM013-01 (2/14/06)

MC22274: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22274 **Client:** LCS INC. **Immediate Client Services Action Required:** No

Date / Time Received: 6/27/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: LCS BCP **No. Coolers:** 0 **Airbill #'s:**

Cooler Security	Y	N		Y	N
1. Custody Seals Present:	☑	☐	3. COC Present:	☑	☐
2. Custody Seals Intact:	☑	☐	4. Smpl Dates/Time OK	☑	☐

Cooler Temperature	Y	N
1. Temp criteria achieved:	☑	☐
2. Cooler temp verification:	Infared gun	
3. Cooler media:	Ice (bag)	

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☐	☐	☑
2. Trip Blank listed on COC:	☐	☐	☑
3. Samples preserved properly:	☑	☐	
4. VOCs headspace free:	☐	☐	☑

Sample Integrity - Documentation	Y	N
1. Sample labels present on bottles:	☑	☐
2. Container labeling complete:	☑	☐
3. Sample container label / COC agree:	☑	☐

Sample Integrity - Condition	Y	N
1. Sample recvd within HT:	☑	☐
2. All containers accounted for:	☑	☐
3. Condition of sample:	Intact	

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume recvd for analysis:	☑	☐	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC22274: Chain of Custody
Page 2 of 2

Summa Canister and Flow Controller Log

Job Number: MC22274
Account: LCSNYB Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Received: 06/27/13

SUMMA CANISTERS

Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
M157	6	29.4	06/25/13	AA	CP1344	Q24074.D	MC22274-1	07/02/13	AA	10		1.2	1.62
M136	6	29.4	06/25/13	AA	CP1344	Q24074.D	MC22274-2	07/02/13	AA	11		1.6	1.75
M014	6	29.4	06/25/13	AA	CP1344	Q24074.D	MC22274-3	07/02/13	AA	10		1.2	1.62
M257	6	29.4	06/25/13	AA	CP1322	Q23585A.D	MC22274-4	07/02/13	AA	11		1.6	1.75
M024	6	29.4	06/25/13	AA	CP1344	Q24074.D	MC22274-5	07/02/13	AA	12		1.8	1.87
M266	6	29.4	06/25/13	AA	CP1344	Q24074.D	MC22274-6	07/02/13	AA	11		1.6	1.75

FLOW CONTROLLERS

Shipping					Receiving		
Flow Crtl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min
MC022	06/25/13	AA	40	2	07/03/13	AA	45
MC089	06/25/13	AA	40	2	07/03/13	AA	43.6
MC093	06/25/13	AA	40	2	07/03/13	AA	43.6
MC127	06/25/13	AA	40	2	07/03/13	AA	44.5
MC158	06/25/13	AA	40	2	07/03/13	AA	46
MC159	06/25/13	AA	40	2	07/03/13	AA	45.1

Accutest Bottle Order(s):
AA/06-25-13/LENDER/12B2170.26

Prep Date	Room Temp(F)	Bar Pres "Hg
06/25/13	70	29.92

New England ACCUTEST LABORATORIES

08/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC22375

Sampling Dates: 06/27/13 - 06/28/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **70**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC22375

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC22375-1	06/27/13	11:55	JR	06/29/13	AQ	Ground Water	BCP MW-1
MC22375-2	06/27/13	11:35	JR	06/29/13	AQ	Ground Water	BCP MW-2
MC22375-2D	06/27/13	11:35	JR	06/29/13	AQ	Water Dup/MSD	BCP MW-2
MC22375-2S	06/27/13	11:35	JR	06/29/13	AQ	Water Matrix Spike	BCP MW-2
MC22375-3	06/27/13	14:30	JR	06/29/13	AQ	Ground Water	BCP MW-3
MC22375-4	06/27/13	15:30	JR	06/29/13	AQ	Ground Water	BCP MW-4
MC22375-5	06/28/13	09:50	JR	06/29/13	AQ	Ground Water	BCP MW-5
MC22375-6	06/28/13	00:00	JR	06/29/13	AQ	Trip Blank Water	TRIP BLANK
MC22375-7	06/28/13	10:15	JR	06/29/13	AQ	Ground Water	BCP MW-09

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC22375
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	7/22/2013 9:46:58 AM

6 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected on between 06/27/2013 and 06/28/2013 and were received at Accutest on 06/29/2013 properly preserved, at 2.5 Deg. C and intact. These Samples received an Accutest job number of MC22375. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** MSV796

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MSV796-BS/BSD for Acetone, tert-Butylbenzene are outside control limits. Blank Spike meets program technical requirements.
- MC22375-2MS for 2-Butanone (MEK), Acetone, Isopropylbenzene, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC22375-2MSD for 2-Butanone (MEK), Acetone, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix: AQ **Batch ID:** MSV797

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22062-9MS, MC22062-9MSD were used as the QC samples indicated.
- MSV797-BS/BSD for 2-Butanone (MEK), Acetone are outside control limits. Blank Spike meets program technical requirements.
- MC22062-9MS for 2-Butanone (MEK), Acetone, Isopropylbenzene, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC22062-9MSD for 2-Butanone (MEK), Acetone are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MSV797-BS for tert-Butylbenzene are outside control limits. Blank Spike meets program technical requirements.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP33840

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- OP33840-BS for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dimethyl phthalate, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- OP33840-MS for Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- OP33840-MSD for Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- RPD(s) for OP33840-MSD for 2,4-Dimethylphenol are outside control limits. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for OP33840-MSD for Dimethyl phthalate: Outside control limits. Blank Spike meets program technical requirements.
- Initial calibration verification MSF3031-ICV3031 for Hexachlorocyclopentadiene exceeds 50% Difference. Hexachlorocyclopentadiene is within criteria in continuing calibration check MSF3036-CC3031.

Extractables by GC By Method SW846 8081

Matrix: AQ **Batch ID:** OP33848

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082

Matrix: AQ **Batch ID:** OP33847

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22375-2MS, MC22375-2MSD, OP33847-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix: AQ **Batch ID:** MP21286

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD, MC22375-2SDL were used as the QC samples for metals.
- Matrix Spike, Matrix Spike Duplicate Recovery(s) for Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Aluminum, Cobalt, Copper, Nickel, Thallium are outside control limits for sample MP21286-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21286-SD1 for Sodium: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ	Batch ID: MP21292

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SW846 9012

Matrix: AQ	Batch ID: GP16288

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2DUP, MC22375-2MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22375).

Summary of Hits

Job Number: MC22375
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/27/13 thru 06/28/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22375-1	**BCP MW-1**					
Aluminum		146 B	200	40	ug/l	SW846 6010C
Barium		92.4	50	0.81	ug/l	SW846 6010C
Calcium		144000	5000	38	ug/l	SW846 6010C
Cobalt		0.90 B	50	0.40	ug/l	SW846 6010C
Iron		706	100	20	ug/l	SW846 6010C
Magnesium		32600	5000	59	ug/l	SW846 6010C
Manganese		171	15	0.81	ug/l	SW846 6010C
Nickel		2.1 B	40	0.57	ug/l	SW846 6010C
Potassium		9480	5000	160	ug/l	SW846 6010C
Sodium		252000	5000	60	ug/l	SW846 6010C
Zinc		2.8 B	20	0.50	ug/l	SW846 6010C
MC22375-2	**BCP MW-2**					
Barium		49.1 B	50	0.81	ug/l	SW846 6010C
Calcium		144000	5000	38	ug/l	SW846 6010C
Cobalt		1.2 B	50	0.40	ug/l	SW846 6010C
Iron		67.2 B	100	20	ug/l	SW846 6010C
Magnesium		32800	5000	59	ug/l	SW846 6010C
Manganese		207	15	0.81	ug/l	SW846 6010C
Nickel		1.0 B	40	0.57	ug/l	SW846 6010C
Potassium		9500	5000	160	ug/l	SW846 6010C
Sodium		262000	5000	60	ug/l	SW846 6010C
Zinc		20.3	20	0.50	ug/l	SW846 6010C
MC22375-3	**BCP MW-3**					
Chloroform		1.4	1.0	0.50	ug/l	SW846 8260B
Aluminum		483	200	40	ug/l	SW846 6010C
Barium		81.8	50	0.81	ug/l	SW846 6010C
Calcium		134000	5000	38	ug/l	SW846 6010C
Cobalt		0.90 B	50	0.40	ug/l	SW846 6010C
Iron		547	100	20	ug/l	SW846 6010C
Lead		1.9 B	5.0	1.7	ug/l	SW846 6010C
Magnesium		31300	5000	59	ug/l	SW846 6010C
Manganese		173	15	0.81	ug/l	SW846 6010C
Nickel		4.9 B	40	0.57	ug/l	SW846 6010C
Potassium		10400	5000	160	ug/l	SW846 6010C
Sodium		199000	5000	60	ug/l	SW846 6010C
Zinc		23.9	20	0.50	ug/l	SW846 6010C

Summary of Hits

Job Number: MC22375
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/27/13 thru 06/28/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22375-4	**BCP MW-4**					
Barium		33.9 B	50	0.81	ug/l	SW846 6010C
Calcium		216000	5000	38	ug/l	SW846 6010C
Cobalt		2.2 B	50	0.40	ug/l	SW846 6010C
Iron		33.9 B	100	20	ug/l	SW846 6010C
Magnesium		56300	5000	59	ug/l	SW846 6010C
Manganese		298	15	0.81	ug/l	SW846 6010C
Nickel		5.2 B	40	0.57	ug/l	SW846 6010C
Potassium		16300	5000	160	ug/l	SW846 6010C
Sodium		283000	5000	60	ug/l	SW846 6010C
Zinc		92.6	20	0.50	ug/l	SW846 6010C
MC22375-5	**BCP MW-5**					
1,1-Dichloroethane		0.81 J	1.0	0.37	ug/l	SW846 8260B
bis(2-Ethylhexyl)phthalate		2.6	2.0	0.49	ug/l	SW846 8270C
Aluminum		245	200	40	ug/l	SW846 6010C
Barium		78.8	50	0.81	ug/l	SW846 6010C
Calcium		277000	5000	38	ug/l	SW846 6010C
Cobalt		1.9 B	50	0.40	ug/l	SW846 6010C
Iron		445	100	20	ug/l	SW846 6010C
Magnesium		62100	5000	59	ug/l	SW846 6010C
Manganese		229	15	0.81	ug/l	SW846 6010C
Nickel		3.5 B	40	0.57	ug/l	SW846 6010C
Potassium		13900	5000	160	ug/l	SW846 6010C
Sodium		573000	5000	60	ug/l	SW846 6010C
Zinc		2.3 B	20	0.50	ug/l	SW846 6010C
MC22375-6	**TRIP BLANK**					
No hits reported in this sample.						
MC22375-7	**BCP MW-09**					
1,1-Dichloroethane		0.85 J	1.0	0.37	ug/l	SW846 8260B
bis(2-Ethylhexyl)phthalate		0.54 J	2.0	0.50	ug/l	SW846 8270C
Aluminum		190 B	200	40	ug/l	SW846 6010C
Barium		78.2	50	0.81	ug/l	SW846 6010C
Calcium		281000	5000	38	ug/l	SW846 6010C
Cobalt		1.9 B	50	0.40	ug/l	SW846 6010C
Iron		336	100	20	ug/l	SW846 6010C
Magnesium		62400	5000	59	ug/l	SW846 6010C
Manganese		233	15	0.81	ug/l	SW846 6010C
Nickel		3.3 B	40	0.57	ug/l	SW846 6010C

Summary of Hits

Job Number: MC22375
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/27/13 thru 06/28/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Potassium		14000	5000	160	ug/l	SW846 6010C
Sodium		584000	5000	60	ug/l	SW846 6010C
Zinc		2.0 B	20	0.50	ug/l	SW846 6010C

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20503.D	1	07/05/13	AMY	n/a	n/a	MSV797
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65475.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		15-110%
4165-62-2	Phenol-d5	20%		15-110%
118-79-6	2,4,6-Tribromophenol	65%		15-110%
4165-60-0	Nitrobenzene-d5	61%		30-130%
321-60-8	2-Fluorobiphenyl	54%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37278.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.053	0.022	ug/l	
319-84-6	alpha-BHC	ND	0.053	0.018	ug/l	
319-85-7	beta-BHC	ND	0.053	0.023	ug/l	
319-86-8	delta-BHC	ND	0.053	0.023	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.053	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.053	0.033	ug/l	
5103-74-2	gamma-Chlordane	ND	0.053	0.031	ug/l	
60-57-1	Dieldrin	ND	0.053	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.053	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.053	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.053	0.025	ug/l	
72-20-8	Endrin	ND	0.053	0.019	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.053	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.053	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.031	ug/l	
959-98-8	Endosulfan-I	ND	0.053	0.020	ug/l	
33213-65-9	Endosulfan-II	ND	0.053	0.021	ug/l	
76-44-8	Heptachlor	ND	0.053	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.053	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26461.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.076	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.077	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-1
Lab Sample ID: MC22375-1
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/27/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	146 B	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	92.4	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	144000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.90 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	706	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	32600	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	171	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	2.1 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9480	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	252000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.8 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:26	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20471.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65472.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-2
Lab Sample ID: MC22375-2 **Date Sampled:** 06/27/13
Matrix: AQ - Ground Water **Date Received:** 06/29/13
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.50	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		15-110%
4165-62-2	Phenol-d5	23%		15-110%
118-79-6	2,4,6-Tribromophenol	72%		15-110%
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	55%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	84%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37279.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.022	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.023	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.019	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.031	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.020	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26462.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.075	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.065	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-2
Lab Sample ID: MC22375-2
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/27/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	49.1 B	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	144000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.2 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	67.2 B	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	32800	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	207	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9500	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	262000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	20.3	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:23	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20480.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	1.4	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65476.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-3
Lab Sample ID: MC22375-3 **Date Sampled:** 06/27/13
Matrix: AQ - Ground Water **Date Received:** 06/29/13
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.50	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		15-110%
4165-62-2	Phenol-d5	16%		15-110%
118-79-6	2,4,6-Tribromophenol	61%		15-110%
4165-60-0	Nitrobenzene-d5	42%		30-130%
321-60-8	2-Fluorobiphenyl	38%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37280.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.057	0.024	ug/l	
319-84-6	alpha-BHC	ND	0.057	0.020	ug/l	
319-85-7	beta-BHC	ND	0.057	0.024	ug/l	
319-86-8	delta-BHC	ND	0.057	0.025	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.057	0.024	ug/l	
5103-71-9	alpha-Chlordane	ND	0.057	0.035	ug/l	
5103-74-2	gamma-Chlordane	ND	0.057	0.033	ug/l	
60-57-1	Dieldrin	ND	0.057	0.022	ug/l	
72-54-8	4,4'-DDD	ND	0.057	0.025	ug/l	
72-55-9	4,4'-DDE	ND	0.057	0.023	ug/l	
50-29-3	4,4'-DDT	ND	0.057	0.027	ug/l	
72-20-8	Endrin	ND	0.057	0.020	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.057	0.018	ug/l	
7421-93-4	Endrin aldehyde	ND	0.057	0.019	ug/l	
53494-70-5	Endrin ketone	ND	0.057	0.034	ug/l	
959-98-8	Endosulfan-I	ND	0.057	0.021	ug/l	
33213-65-9	Endosulfan-II	ND	0.057	0.022	ug/l	
76-44-8	Heptachlor	ND	0.057	0.018	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.057	0.021	ug/l	
72-43-5	Methoxychlor	ND	0.057	0.024	ug/l	
8001-35-2	Toxaphene	ND	2.8	0.19	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	90%		30-150%
2051-24-3	Decachlorobiphenyl	63%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26463.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	0.078	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	0.082	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	0.19	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	0.17	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	0.083	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	0.071	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%
2051-24-3	Decachlorobiphenyl	56%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-3
Lab Sample ID: MC22375-3
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/27/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	483	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	81.8	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	134000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.90 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	547	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.9 B	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	31300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	173	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	4.9 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	10400	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	199000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	23.9	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:27	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20481.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65477.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		15-110%
4165-62-2	Phenol-d5	24%		15-110%
118-79-6	2,4,6-Tribromophenol	68%		15-110%
4165-60-0	Nitrobenzene-d5	60%		30-130%
321-60-8	2-Fluorobiphenyl	56%		30-130%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37281.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	69%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26464.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	62%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-4
Lab Sample ID: MC22375-4
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/27/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	33.9 B	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	216000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	2.2 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	33.9 B	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	56300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	298	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	5.2 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	16300	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	283000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	92.6	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	**Date Sampled:**	06/27/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:30	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20482.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	0.81	1.0	0.37	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65478.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	2.6	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		15-110%
4165-62-2	Phenol-d5	31%		15-110%
118-79-6	2,4,6-Tribromophenol	80%		15-110%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	68%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37282.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	54%		30-150%
877-09-8	Tetrachloro-m-xylene	47%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26465.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.071	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.074	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.075	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	63%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-5
Lab Sample ID: MC22375-5
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/28/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	245	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	78.8	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	277000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.9 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	445	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	62100	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	229	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	3.5 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	13900	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	573000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.3 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:31	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22375-6	**Date Sampled:**	06/28/13
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20469.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22375-6	**Date Sampled:**	06/28/13
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20483.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	0.85	1.0	0.37	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65479.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.54	2.0	0.50	ug/l	J
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		15-110%
4165-62-2	Phenol-d5	22%		15-110%
118-79-6	2,4,6-Tribromophenol	76%		15-110%
4165-60-0	Nitrobenzene-d5	52%		30-130%
321-60-8	2-Fluorobiphenyl	50%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37283.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.051	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.051	0.018	ug/l	
319-85-7	beta-BHC	ND	0.051	0.022	ug/l	
319-86-8	delta-BHC	ND	0.051	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.051	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.051	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.051	0.030	ug/l	
60-57-1	Dieldrin	ND	0.051	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.051	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.051	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.051	0.024	ug/l	
72-20-8	Endrin	ND	0.051	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.051	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.051	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.051	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.051	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.051	0.020	ug/l	
76-44-8	Heptachlor	ND	0.051	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.051	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.051	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	45%		30-150%
877-09-8	Tetrachloro-m-xylene	43%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26466.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.070	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.074	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.074	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP MW-09
Lab Sample ID: MC22375-7
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/28/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	190 B	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	78.2	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	281000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.9 B	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	336	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	62400	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	233	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	3.3 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	14000	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	584000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.0 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:32	MA	SW846 9012

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC22375

Client / Reporting Information

Company Name	LCS
Street Address	40 La River Dr. #120
City / State / Zip	Buffalo NY 14202
Project Contact / E-mail	Doug Reid dreid@lenderconsulting.com
Phone # / Fax #	1-800-474-6862
Sampler(s) Name(s) / Phone #	Jeff Rowley

Project Information

Project Name	BCP
Street:	233 S. Elmwood + 234 Delaware
City:	Buffalo
Project#	12B2170.26 / BCP ID C415271
Client PO#	
Project Manager	Doug Reid

Billing Information (If different from Report to)

Company Name	
Street Address	
City / State / Zip	
Attention: / PO#	

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 TCL + STARS	TAL metals + Cyanide 6010/9013	PCBs + Pesticides 8081/8082							LAB USE ONLY
-1	BCP MW-1		6/27/13	11:55	JMR	GW	8	3		1		4					X	X	X	X							
-2	BCP MW-2		6/27/13	11:35	JMR	GW	8	3		1		4					X	X	X	X							
-3	BCP MW-3		6/27/13	14:30	JMR	GW	8	3		1		4					X	X	X	X							
-4	BCP MW-4		6/27/13	15:30	JMR	GW	8	3		1		4					X	X	X	X							
-5	BCP MW-5		6/28/13	9:50	JMR	GW	8	3		1		4					X	X	X	X							
-6	Trip Blank																X										
-7	BCP MW-04		6/28/13	10:15	JMR	GW	8	3		1		4					X	X	X	X							
-2SD	BCP MW-02 MS/MSD		6/27/13	11:39	JMR	GW	16	6		2		8					X	X	X	X							18C, 6B,
	~~FB-3~~		~~6/27/13~~			~~WW~~	~~8~~	~~3~~		~~1~~		~~4~~					~~X~~	~~X~~	~~X~~	~~X~~	JMR 6/28/13						4D4

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYDEC EQuis
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

SYRACUSE SC

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	6/28/13 11:23	1 [signature]	2 [signature]		2 FX
Relinquished by Sampler: FP	Date Time: 6/28/13 10:30	Received By: 3 [signature]	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☑ Cooler Temp. 1.0° 2.0° 2.5°

5.1

5

MC22375: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22375 **Client:** LCS **Immediate Client Services Action Required:** Yes

Date / Time Received: 6/29/2013 10:30 **Delivery Method:** FedEx

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	
2. Trip Blank listed on COC:	☑	☐	
3. Samples preserved properly:	☐	☑	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample rec'd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume rec'd for analysis:	☐	☑	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-No NAOH volume for CYANIDE received for any sample.

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC22375: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: MC22375

CSR: Frank D'Agostino **Response Date:** 7/2/2013

Response: Aliquot per client

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC22375: Chain of Custody
Page 3 of 3

New England ACCUTEST LABORATORIES

08/06/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC22374

Sampling Date: 06/28/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **33**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC22374

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC22374-1	06/28/13	12:30	JMR	06/29/13	AQ	Ground Water	BCP TPMW16
MC22374-2	06/28/13	14:15	JMR	06/29/13	AQ	Ground Water	BCP TPMW6
MC22374-3	06/28/13	00:00	JMR	06/29/13	AQ	Trip Blank Water	TRIP BLANK

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC22374
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	7/22/2013 10:23:33 AM

2 Sample(s), 1 Trip Blank(s) and 0 Field Blank(s) were collected on 06/28/2013 and were received at Accutest on 06/29/2013 properly preserved, at 2.1 Deg. C and intact. These Samples received an Accutest job number of MC22374. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** MSV796

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- MSV796-BS/BSD for Acetone, tert-Butylbenzene are outside control limits. Blank Spike meets program technical requirements.
- MC22375-2MS for 2-Butanone (MEK), Acetone, Isopropylbenzene, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC22375-2MSD for 2-Butanone (MEK), Acetone, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix: AQ **Batch ID:** MSV797

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22062-9MS, MC22062-9MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP33840

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP33840-BS for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dimethyl phthalate, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- OP33840-MS for Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- OP33840-MSD for Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Blank Spike meets program technical requirements.
- RPD(s) for OP33840-MSD for 2,4-Dimethylphenol are outside control limits. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for OP33840-MSD for Dimethyl phthalate: Outside control limits. Blank Spike meets program technical requirements.
- Initial calibration verification MSF3031-ICV3031 for Hexachlorocyclopentadiene exceeds 50% Difference. Hexachlorocyclopentadiene is within criteria in continuing calibration check MSF3036-CC3031.

Extractables by GC By Method SW846 8081

Matrix: AQ **Batch ID:** OP33848

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC22374-1, -2 for Tetrachloro-m-xylene: Outside control limits due to possible matrix interference.
- Calibration check standard GBE1938-ECC1937 has several compounds exceed criteria (response bias high). Associated samples are non-detect for targets.

Extractables by GC By Method SW846 8082

Matrix: AQ **Batch ID:** OP33847

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Calibration check standard GBK910-CC906, file BK26475 for Aro1260 exceed criteria (response bias high). Associated samples are non-detect.

Metals By Method SW846 6010C

Matrix: AQ **Batch ID:** MP21286

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD, MC22375-2SDL were used as the QC samples for metals.
- Matrix Spike, Matrix Spike Duplicate Recovery(s) for Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Aluminum, Cobalt, Copper, Nickel, Thallium are outside control limits for sample MP21286-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21286-SD1 for Sodium: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7470A

Matrix: AQ **Batch ID:** MP21292

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2MS, MC22375-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SW846 9012

Matrix: AQ **Batch ID:** GP16288

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2DUP, MC22375-2MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22374).

Summary of Hits

Job Number: MC22374
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/28/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22374-1	**BCP TPMW16**					
Acetone		28.2	10	2.8	ug/l	SW846 8260B
Benzene		457	25	23	ug/l	SW846 8260B
2-Butanone (MEK)		10	5.0	1.6	ug/l	SW846 8260B
n-Butylbenzene		127	5.0	0.54	ug/l	SW846 8260B
sec-Butylbenzene		16.5	5.0	0.58	ug/l	SW846 8260B
Ethylbenzene		592	50	19	ug/l	SW846 8260B
Isopropylbenzene		53.0	5.0	0.64	ug/l	SW846 8260B
p-Isopropyltoluene		24.0	5.0	0.55	ug/l	SW846 8260B
Naphthalene		1050	250	39	ug/l	SW846 8260B
n-Propylbenzene		148	5.0	0.59	ug/l	SW846 8260B
Toluene		102	1.0	0.46	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		4810	250	23	ug/l	SW846 8260B
1,3,5-Trimethylbenzene		1280	250	54	ug/l	SW846 8260B
m,p-Xylene		4130	50	35	ug/l	SW846 8260B
o-Xylene		1360	50	20	ug/l	SW846 8260B
Xylene (total)		5490	50	20	ug/l	SW846 8260B
Phenol		1.5 J	5.0	0.51	ug/l	SW846 8270C
Acenaphthene		0.53 J	2.0	0.23	ug/l	SW846 8270C
Carbazole		1.7 J	2.0	0.21	ug/l	SW846 8270C
Di-n-butyl phthalate		0.39 J	5.0	0.39	ug/l	SW846 8270C
bis(2-Ethylhexyl)phthalate		0.59 J	2.0	0.49	ug/l	SW846 8270C
Fluoranthene		0.44 J	2.0	0.22	ug/l	SW846 8270C
Fluorene		0.49 J	2.0	0.24	ug/l	SW846 8270C
2-Methylnaphthalene		178	20	3.9	ug/l	SW846 8270C
Naphthalene		396	20	1.7	ug/l	SW846 8270C
Phenanthrene		0.79 J	2.0	0.21	ug/l	SW846 8270C
Pyrene		0.31 J	2.0	0.22	ug/l	SW846 8270C
Arsenic		3.3 B	4.0	2.9	ug/l	SW846 6010C
Barium		84.6	50	0.81	ug/l	SW846 6010C
Calcium		84700	5000	38	ug/l	SW846 6010C
Iron		6150	100	20	ug/l	SW846 6010C
Lead		9.2	5.0	1.7	ug/l	SW846 6010C
Magnesium		11300	5000	59	ug/l	SW846 6010C
Manganese		183	15	0.81	ug/l	SW846 6010C
Nickel		1.0 B	40	0.57	ug/l	SW846 6010C
Potassium		9120	5000	160	ug/l	SW846 6010C
Sodium		136000	5000	60	ug/l	SW846 6010C
Vanadium		5.6 B	10	2.8	ug/l	SW846 6010C
Zinc		6.9 B	20	0.50	ug/l	SW846 6010C
MC22374-2	**BCP TPMW6**					
Acetone		41.0	10	2.8	ug/l	SW846 8260B

Summary of Hits

Job Number: MC22374
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 06/28/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Benzene		279	0.50	0.45	ug/l	SW846 8260B
n-Butylbenzene		7.5	5.0	0.54	ug/l	SW846 8260B
sec-Butylbenzene		2.2 J	5.0	0.58	ug/l	SW846 8260B
Ethylbenzene		116	1.0	0.38	ug/l	SW846 8260B
Isopropylbenzene		13.9	5.0	0.64	ug/l	SW846 8260B
p-Isopropyltoluene		0.99 J	5.0	0.55	ug/l	SW846 8260B
Naphthalene		142	5.0	0.79	ug/l	SW846 8260B
n-Propylbenzene		45.9	5.0	0.59	ug/l	SW846 8260B
Toluene		112	1.0	0.46	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		130	5.0	0.47	ug/l	SW846 8260B
1,3,5-Trimethylbenzene		44.7	5.0	1.1	ug/l	SW846 8260B
m,p-Xylene		396	1.0	0.70	ug/l	SW846 8260B
o-Xylene		55.8	1.0	0.41	ug/l	SW846 8260B
Xylene (total)		452	1.0	0.41	ug/l	SW846 8260B
Phenol		10.2	5.1	0.52	ug/l	SW846 8270C
Benzo(b)fluoranthene		0.33 J	2.0	0.23	ug/l	SW846 8270C
Carbazole		0.49 J	2.0	0.21	ug/l	SW846 8270C
Chrysene		0.23 J	2.0	0.20	ug/l	SW846 8270C
Fluoranthene		0.45 J	2.0	0.23	ug/l	SW846 8270C
2-Methylnaphthalene		4.6	2.0	0.40	ug/l	SW846 8270C
Naphthalene		15.7	2.0	0.17	ug/l	SW846 8270C
Pyrene		0.29 J	2.0	0.22	ug/l	SW846 8270C
Barium		20.3 B	50	0.81	ug/l	SW846 6010C
Calcium		29900	5000	38	ug/l	SW846 6010C
Iron		471	100	20	ug/l	SW846 6010C
Magnesium		3000 B	5000	59	ug/l	SW846 6010C
Manganese		27.5	15	0.81	ug/l	SW846 6010C
Potassium		1340 B	5000	160	ug/l	SW846 6010C
Sodium		8470	5000	60	ug/l	SW846 6010C
Zinc		5.9 B	20	0.50	ug/l	SW846 6010C

MC22374-3 TRIP BLANK

No hits reported in this sample.

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20477.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2	V20512.D	50	07/05/13	AMY	n/a	n/a	MSV797

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.2	10	2.8	ug/l	
71-43-2	Benzene	457 [a]	25	23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	10	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	127	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	16.5	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	592 [a]	50	19	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	53.0	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	24.0	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1050 [a]	250	39	ug/l	
103-65-1	n-Propylbenzene	148	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	102	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	4810 [a]	250	23	ug/l	
108-67-8	1,3,5-Trimethylbenzene	1280 [a]	250	54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	4130 [a]	50	35	ug/l	
95-47-6	o-Xylene	1360 [a]	50	20	ug/l	
1330-20-7	Xylene (total)	5490 [a]	50	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	97%	70-130%
2037-26-5	Toluene-D8	104%	101%	70-130%
460-00-4	4-Bromofluorobenzene	104%	99%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65473.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2	W13925.D	10	07/16/13	KR	07/01/13	OP33840	MSW632

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	1.5	5.0	0.51	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	0.53	2.0	0.23	ug/l	J
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	1.7	2.0	0.21	ug/l	J
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	0.39	5.0	0.39	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.59	2.0	0.49	ug/l	J
206-44-0	Fluoranthene	0.44	2.0	0.22	ug/l	J
86-73-7	Fluorene	0.49	2.0	0.24	ug/l	J
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	178 [a]	20	3.9	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	396 [a]	20	1.7	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	0.79	2.0	0.21	ug/l	J
129-00-0	Pyrene	0.31	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%	23%	15-110%
4165-62-2	Phenol-d5	23%	18%	15-110%
118-79-6	2,4,6-Tribromophenol	67%	54%	15-110%
4165-60-0	Nitrobenzene-d5	58%	63%	30-130%
321-60-8	2-Fluorobiphenyl	46%	45%	30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	64%	60%	30-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37286.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		30-150%
877-09-8	Tetrachloro-m-xylene	12% [a]		30-150%
2051-24-3	Decachlorobiphenyl	57%		30-150%
2051-24-3	Decachlorobiphenyl	44%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26469.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		30-150%
877-09-8	Tetrachloro-m-xylene	51%		30-150%
2051-24-3	Decachlorobiphenyl	51%		30-150%
2051-24-3	Decachlorobiphenyl	48%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP TPMW16
Lab Sample ID: MC22374-1
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/28/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	3.3 B	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	84.6	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	84700	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	6150	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	9.2	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	11300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	183	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 B	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9120	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	136000	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	5.6 B	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	6.9 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:24	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20478.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	41.0	10	2.8	ug/l	
71-43-2	Benzene	279	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	7.5	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	2.2	5.0	0.58	ug/l	J
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	116	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	13.9	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	0.99	5.0	0.55	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	142	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	45.9	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	112	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	130	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	44.7	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	396	1.0	0.70	ug/l	
95-47-6	o-Xylene	55.8	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	452	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65474.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.59	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	10.2	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	0.33	2.0	0.23	ug/l	J
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.86	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.93	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	0.49	2.0	0.21	ug/l	J
218-01-9	Chrysene	0.23	2.0	0.20	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	0.45	2.0	0.23	ug/l	J
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	4.6	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	15.7	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	0.29	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		15-110%
4165-62-2	Phenol-d5	18%		15-110%
118-79-6	2,4,6-Tribromophenol	73%		15-110%
4165-60-0	Nitrobenzene-d5	45%		30-130%
321-60-8	2-Fluorobiphenyl	38%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	74%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37287.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	35%		30-150%
877-09-8	Tetrachloro-m-xylene	27% [a]		30-150%
2051-24-3	Decachlorobiphenyl	42%		30-150%
2051-24-3	Decachlorobiphenyl	34%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26470.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		30-150%
877-09-8	Tetrachloro-m-xylene	59%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%
2051-24-3	Decachlorobiphenyl	40%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP TPMW6
Lab Sample ID: MC22374-2
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 06/28/13
Date Received: 06/29/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	20.3 B	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	29900	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	471	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	3000 B	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	27.5	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	1340 B	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	8470	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	5.9 B	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	**Date Sampled:**	06/28/13
Matrix:	AQ - Ground Water	**Date Received:**	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:25	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22374-3	**Date Sampled:**	06/28/13
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20468.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22374-3	**Date Sampled:**	06/28/13
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/29/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC22374

Client / Reporting Information

Company Name: LCS Inc
Street Address: 40 LaRiviere Dr Suite 120
City: Buffalo State: NY Zip: 14202
Project Contact: Jeff Rowley E-mail: jrowley@lenderconsulting
Phone #: 1-800-474-6802 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: BCP
Street: 233 S. Elmwood
City: Buffalo
Project#: 12B2170.26/BCP ID C918271
Client PO#:
Project Manager: Doug Reid

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 TCL + STARS	TAL Metals + Cyanide 6010/7010	PCBs + Pesticides 8081/8082	LAB USE ONLY
-1	BCP TPMW16		6/28/13	12:30	JMR	GW	8	3		1		4					X	X	X	X	
-2	BCP TPMW6		6/28/13	14:15	JMR	GW	8	3		1		4					X	X	X	X	
-3	Trip Blank						2	2									X				
																					18C, 6B, 4D4

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYSDEC Equis
- [ ] Other _____

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	6/28/13 16:30	1 FX	2 FX	6/29/13 10:30	2 [signature]
3		3	4		4
5		5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☑ Cooler Temp. 2.1°

5.1

5

MC22374: Chain of Custody
Page 1 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22374 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 6/29/2013 **Delivery Method:**

Project: BCP **No. Coolers:** **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	N	N/A
1. Trip Blank present / cooler:	☑	☐	
2. Trip Blank listed on COC:	☑	☐	
3. Samples preserved properly:	☐	☑	
4. VOCs headspace free:	☑	☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample rec'd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	N	N/A
1. Analysis requested is clear:	☑	☐	
2. Bottles received for unspecified tests	☐	☑	
3. Sufficient volume rec'd for analysis:	☐	☑	
4. Compositing instructions clear:	☐	☐	☑
5. Filtering instructions clear:	☐	☐	☑

Comments

-No NAOH preserved volume for CYANIDE received.

Accutest Laboratories
V:508.481.6200

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F: 508.481.7753

Marlborough, MA
www/accutest.com

MC22374: Chain of Custody
Page 2 of 3

Sample Receipt Summary - Problem Resolution

Accutest Job Number: MC22374

CSR: Frank D'Agostino **Response Date:** 7/2/2013

Response: Aliquot for Cn. Per client

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC22374: Chain of Custody
Page 3 of 3

New England ACCUTEST LABORATORIES

08/07/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC22415

Sampling Date: 07/01/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **29**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC22415

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC22415-1	07/01/13	14:00	MP	07/02/13	AQ	Ground Water	TPMW5
MC22415-2	07/01/13	15:00	MP	07/02/13	AQ	Equipment Blank	EB-3

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC22415
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	7/16/2013 11:41:17 AM

2 Sample(s) were collected on 07/01/2013 and were received at Accutest on 07/02/2013 properly preserved, at 4.1 Deg. C and intact. These Samples received an Accutest job number of MC22415. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** MSL3508

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22414-2MS, MC22414-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MS/MSD Recovery(s) for Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GCMS By Method SW846 8270C

Matrix AQ **Batch ID:** OP33873

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22000-17MS, MC22000-17MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8081

Matrix AQ **Batch ID:** OP33885

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22000-22MS, MC22000-22MSD were used as the QC samples indicated.
- Continuing calibration check standard GBE1941-ECC1941, file BE37401, signal #1 for 4,4'-DDT, Methoxychlor exceed criteria. Outside control limits due to possible residual matrix interference. Associated samples confirmed by reanalysis.

Extractables by GC By Method SW846 8082

Matrix AQ **Batch ID:** OP33887

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC22000-23MS, MC22000-23MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix AQ **Batch ID:** MP21314

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22480-2FMS, MC22480-2FMSD, MC22480-2FSDL were used as the QC samples for metals.
- RPD(s) for Serial Dilution for Aluminum, Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Iron, Nickel are outside control limits for sample MP21314-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

Metals By Method SW846 7470A

Matrix AQ **Batch ID:** MP21326

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22178-2MS, MC22178-2MSD were used as the QC samples for metals.

Wet Chemistry By Method SW846 9012

Matrix AQ **Batch ID:** GP16288

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC22375-2DUP, MC22375-2MS were used as the QC samples for Cyanide.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC22415).

Summary of Hits

Job Number: MC22415
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 07/01/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC22415-1	**TPMW5**					
Benzene		4840	25	23	ug/l	SW846 8260B
sec-Butylbenzene		3.0 J	5.0	0.58	ug/l	SW846 8260B
tert-Butylbenzene		261	5.0	0.87	ug/l	SW846 8260B
Carbon disulfide		19.4	5.0	0.59	ug/l	SW846 8260B
Chloroform		10.5	1.0	0.50	ug/l	SW846 8260B
1,1-Dichloroethane		2.4	1.0	0.37	ug/l	SW846 8260B
1,2-Dichloroethane		9.1	1.0	0.35	ug/l	SW846 8260B
Ethylbenzene		404	50	19	ug/l	SW846 8260B
Isopropylbenzene		14.1	5.0	0.64	ug/l	SW846 8260B
p-Isopropyltoluene		0.96 J	5.0	0.55	ug/l	SW846 8260B
4-Methyl-2-pentanone (MIBK)		18.7	5.0	1.3	ug/l	SW846 8260B
Naphthalene		72.0	5.0	0.79	ug/l	SW846 8260B
n-Propylbenzene		45.7	5.0	0.59	ug/l	SW846 8260B
Toluene		2950	50	23	ug/l	SW846 8260B
1,2,4-Trimethylbenzene		270	5.0	0.47	ug/l	SW846 8260B
1,3,5-Trimethylbenzene		41.4	5.0	1.1	ug/l	SW846 8260B
m,p-Xylene		1280	50	35	ug/l	SW846 8260B
o-Xylene		592	50	20	ug/l	SW846 8260B
Xylene (total)		1870	50	20	ug/l	SW846 8260B
2,4-Dimethylphenol		13.3	10	1.2	ug/l	SW846 8270C
2-Methylphenol		8.7 J	10	1.3	ug/l	SW846 8270C
3&4-Methylphenol		17.0	10	2.1	ug/l	SW846 8270C
Phenol		10	5.1	0.52	ug/l	SW846 8270C
Benzo(a)anthracene		0.44 J	2.0	0.21	ug/l	SW846 8270C
Benzo(a)pyrene		0.46 J	2.0	0.21	ug/l	SW846 8270C
Benzo(b)fluoranthene		0.74 J	2.0	0.23	ug/l	SW846 8270C
Benzo(g,h,i)perylene		0.78 J	2.0	0.26	ug/l	SW846 8270C
Benzo(k)fluoranthene		0.54 J	2.0	0.27	ug/l	SW846 8270C
Carbazole		0.29 J	2.0	0.21	ug/l	SW846 8270C
Chrysene		0.68 J	2.0	0.20	ug/l	SW846 8270C
bis(2-Ethylhexyl)phthalate		6.4	2.0	0.49	ug/l	SW846 8270C
Fluoranthene		1.1 J	2.0	0.23	ug/l	SW846 8270C
Indeno(1,2,3-cd)pyrene		0.59 J	2.0	0.27	ug/l	SW846 8270C
2-Methylnaphthalene		9.5	2.0	0.40	ug/l	SW846 8270C
Naphthalene		77.2	2.0	0.17	ug/l	SW846 8270C
Pyrene		0.81 J	2.0	0.22	ug/l	SW846 8270C
Aluminum		5360	200	40	ug/l	SW846 6010C
Antimony		3.9 B	6.0	1.9	ug/l	SW846 6010C
Arsenic		12.2	4.0	2.9	ug/l	SW846 6010C
Barium		392	50	0.81	ug/l	SW846 6010C
Beryllium		0.30 B	4.0	0.25	ug/l	SW846 6010C
Cadmium		0.90 B	4.0	0.50	ug/l	SW846 6010C
Calcium		139000	5000	38	ug/l	SW846 6010C

Summary of Hits

Job Number: MC22415
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 07/01/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Chromium		17.4	10	1.4	ug/l	SW846 6010C
Cobalt		5.4 B	50	0.40	ug/l	SW846 6010C
Copper		38.9	25	7.0	ug/l	SW846 6010C
Iron		42400	100	20	ug/l	SW846 6010C
Lead		65.3	5.0	1.7	ug/l	SW846 6010C
Magnesium		27800	5000	59	ug/l	SW846 6010C
Manganese		401	15	0.81	ug/l	SW846 6010C
Mercury		0.18 B	0.20	0.067	ug/l	SW846 7470A
Nickel		14.9 B	40	0.57	ug/l	SW846 6010C
Potassium		6350	5000	160	ug/l	SW846 6010C
Sodium		111000	5000	60	ug/l	SW846 6010C
Vanadium		16.1	10	2.8	ug/l	SW846 6010C
Zinc		289	20	0.50	ug/l	SW846 6010C
MC22415-2	**EB-3**					
Calcium		146 B	5000	38	ug/l	SW846 6010C
Chromium		1.8 B	10	1.4	ug/l	SW846 6010C
Iron		74.7 B	100	20	ug/l	SW846 6010C
Manganese		1.2 B	15	0.81	ug/l	SW846 6010C
Sodium		221 B	5000	60	ug/l	SW846 6010C
Zinc		1.6 B	20	0.50	ug/l	SW846 6010C

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L75384.D	1	07/08/13	KR	n/a	n/a	MSL3508
Run #2	L75394.D	50	07/08/13	KR	n/a	n/a	MSL3508

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	4840 [a]	25	23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	3.0	5.0	0.58	ug/l	J
98-06-6	tert-Butylbenzene	261	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	19.4	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	10.5	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	2.4	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	9.1	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	404 [a]	50	19	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	14.1	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	0.96	5.0	0.55	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	18.7	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	72.0	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	45.7	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	2950 [a]	50	23	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	270	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	41.4	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	1280 [a]	50	35	ug/l	
95-47-6	o-Xylene	592 [a]	50	20	ug/l	
1330-20-7	Xylene (total)	1870 [a]	50	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	104%	70-130%
2037-26-5	Toluene-D8	110%	110%	70-130%
460-00-4	4-Bromofluorobenzene	111%	117%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TPMW5
Lab Sample ID: MC22415-1 **Date Sampled:** 07/01/13
Matrix: AQ - Ground Water **Date Received:** 07/02/13
Method: SW846 8270C SW846 3510C **Percent Solids:** n/a
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13744.D	1	07/09/13	KR	07/03/13	OP33873	MSW626
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	13.3	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	8.7	10	1.3	ug/l	J
	3&4-Methylphenol	17.0	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.59	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	10	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	0.44	2.0	0.21	ug/l	J
50-32-8	Benzo(a)pyrene	0.46	2.0	0.21	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.74	2.0	0.23	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.78	2.0	0.26	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.54	2.0	0.27	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.86	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.93	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	0.29	2.0	0.21	ug/l	J
218-01-9	Chrysene	0.68	2.0	0.20	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	6.4	2.0	0.49	ug/l	
206-44-0	Fluoranthene	1.1	2.0	0.23	ug/l	J
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	2.0	0.27	ug/l	J
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	9.5	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	77.2	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	0.81	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		15-110%
4165-62-2	Phenol-d5	28%		15-110%
118-79-6	2,4,6-Tribromophenol	89%		15-110%
4165-60-0	Nitrobenzene-d5	55%		30-130%
321-60-8	2-Fluorobiphenyl	61%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37400.D	1	07/06/13	AP	07/04/13	OP33885	GBE1941
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.048	0.020	ug/l	
319-84-6	alpha-BHC	ND	0.048	0.016	ug/l	
319-85-7	beta-BHC	ND	0.048	0.020	ug/l	
319-86-8	delta-BHC	ND	0.048	0.021	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.048	0.020	ug/l	
5103-71-9	alpha-Chlordane	ND	0.048	0.030	ug/l	
5103-74-2	gamma-Chlordane	ND	0.048	0.028	ug/l	
60-57-1	Dieldrin	ND	0.048	0.018	ug/l	
72-54-8	4,4'-DDD	ND	0.048	0.021	ug/l	
72-55-9	4,4'-DDE	ND	0.048	0.019	ug/l	
50-29-3	4,4'-DDT	ND	0.048	0.023	ug/l	
72-20-8	Endrin	ND	0.048	0.017	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.048	0.015	ug/l	
7421-93-4	Endrin aldehyde	ND	0.048	0.016	ug/l	
53494-70-5	Endrin ketone	ND	0.048	0.028	ug/l	
959-98-8	Endosulfan-I	ND	0.048	0.018	ug/l	
33213-65-9	Endosulfan-II	ND	0.048	0.019	ug/l	
76-44-8	Heptachlor	ND	0.048	0.015	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.048	0.017	ug/l	
72-43-5	Methoxychlor	ND	0.048	0.020	ug/l	
8001-35-2	Toxaphene	ND	2.4	0.16	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	56%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%
2051-24-3	Decachlorobiphenyl	43%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26495.D	1	07/05/13	AP	07/03/13	OP33887	GBK911
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.24	0.066	ug/l	
11104-28-2	Aroclor 1221	ND	0.24	0.069	ug/l	
11141-16-5	Aroclor 1232	ND	0.24	0.16	ug/l	
53469-21-9	Aroclor 1242	ND	0.24	0.097	ug/l	
12672-29-6	Aroclor 1248	ND	0.24	0.14	ug/l	
11097-69-1	Aroclor 1254	ND	0.24	0.069	ug/l	
11096-82-5	Aroclor 1260	ND	0.24	0.059	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%
2051-24-3	Decachlorobiphenyl	54%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TPMW5
Lab Sample ID: MC22415-1
Matrix: AQ - Ground Water
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 07/01/13
Date Received: 07/02/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5360	200	40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	3.9 B	6.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	12.2	4.0	2.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	392	50	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.30 B	4.0	0.25	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.90 B	4.0	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	139000	5000	38	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	17.4	10	1.4	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	5.4 B	50	0.40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	38.9	25	7.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	42400	100	20	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	65.3	5.0	1.7	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	27800	5000	59	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	401	15	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.18 B	0.20	0.067	ug/l	1	07/08/13	07/09/13	EAL	SW846 7470A [2]	SW846 7470A [4]
Nickel	14.9 B	40	0.57	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	6350	5000	160	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	111000	5000	60	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	16.1	10	2.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	289	20	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15851
(2) Instrument QC Batch: MA15852
(3) Prep QC Batch: MP21314
(4) Prep QC Batch: MP21326

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	**Date Sampled:**	07/01/13
Matrix:	AQ - Ground Water	**Date Received:**	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:33	MA	SW846 9012

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L75383.D	1	07/08/13	KR	n/a	n/a	MSL3508
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	118%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13749.D	1	07/09/13	KR	07/03/13	OP33873	MSW626
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.8	0.36	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	9.5	0.47	ug/l	
120-83-2	2,4-Dichlorophenol	ND	9.5	0.31	ug/l	
105-67-9	2,4-Dimethylphenol	ND	9.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	19	2.4	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.1	ug/l	
95-48-7	2-Methylphenol	ND	9.5	1.2	ug/l	
	3&4-Methylphenol	ND	9.5	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	9.5	0.48	ug/l	
100-02-7	4-Nitrophenol	ND	19	0.56	ug/l	
87-86-5	Pentachlorophenol	ND	9.5	1.2	ug/l	
108-95-2	Phenol	ND	4.8	0.49	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	9.5	0.55	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	9.5	0.30	ug/l	
83-32-9	Acenaphthene	ND	1.9	0.22	ug/l	
208-96-8	Acenaphthylene	ND	1.9	0.53	ug/l	
120-12-7	Anthracene	ND	1.9	0.20	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.9	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.9	0.20	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.9	0.22	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.9	0.24	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.9	0.26	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.19	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	0.81	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.88	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	0.24	ug/l	
86-74-8	Carbazole	ND	1.9	0.20	ug/l	
218-01-9	Chrysene	ND	1.9	0.19	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.20	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.22	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.19	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.25	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.24	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.23	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	9.5	0.64	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	9.5	0.61	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.8	0.48	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.9	0.20	ug/l	
132-64-9	Dibenzofuran	ND	1.9	0.15	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.37	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	0.48	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.48	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1.9	0.47	ug/l	
206-44-0	Fluoranthene	ND	1.9	0.21	ug/l	
86-73-7	Fluorene	ND	1.9	0.23	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.28	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.28	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	2.4	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.42	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.9	0.26	ug/l	
78-59-1	Isophorone	ND	4.8	0.19	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.9	0.37	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	0.26	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	4.1	ug/l	
91-20-3	Naphthalene	ND	1.9	0.16	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.24	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.77	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.52	ug/l	
85-01-8	Phenanthrene	ND	1.9	0.20	ug/l	
129-00-0	Pyrene	ND	1.9	0.21	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		15-110%
4165-62-2	Phenol-d5	28%		15-110%
118-79-6	2,4,6-Tribromophenol	75%		15-110%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8081 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37381.D	1	07/06/13	AP	07/04/13	OP33885	GBE1941
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.057	0.024	ug/l	
319-84-6	alpha-BHC	ND	0.057	0.020	ug/l	
319-85-7	beta-BHC	ND	0.057	0.025	ug/l	
319-86-8	delta-BHC	ND	0.057	0.025	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.057	0.024	ug/l	
5103-71-9	alpha-Chlordane	ND	0.057	0.036	ug/l	
5103-74-2	gamma-Chlordane	ND	0.057	0.033	ug/l	
60-57-1	Dieldrin	ND	0.057	0.022	ug/l	
72-54-8	4,4'-DDD	ND	0.057	0.025	ug/l	
72-55-9	4,4'-DDE	ND	0.057	0.023	ug/l	
50-29-3	4,4'-DDT	ND	0.057	0.027	ug/l	
72-20-8	Endrin	ND	0.057	0.020	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.057	0.018	ug/l	
7421-93-4	Endrin aldehyde	ND	0.057	0.019	ug/l	
53494-70-5	Endrin ketone	ND	0.057	0.034	ug/l	
959-98-8	Endosulfan-I	ND	0.057	0.022	ug/l	
33213-65-9	Endosulfan-II	ND	0.057	0.023	ug/l	
76-44-8	Heptachlor	ND	0.057	0.019	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.057	0.021	ug/l	
72-43-5	Methoxychlor	ND	0.057	0.024	ug/l	
8001-35-2	Toxaphene	ND	2.9	0.19	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	54%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26496.D	1	07/05/13	AP	07/03/13	OP33887	GBK911
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	0.079	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	0.083	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	0.19	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	0.17	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	0.084	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	0.072	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EB-3
Lab Sample ID: MC22415-2
Matrix: AQ - Equipment Blank
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 07/01/13
Date Received: 07/02/13
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	146 B	5000	38	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	1.8 B	10	1.4	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	74.7 B	100	20	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	1.2 B	15	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/08/13	07/09/13	EAL	SW846 7470A [2]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	221 B	5000	60	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	1.6 B	20	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15851
(2) Instrument QC Batch: MA15852
(3) Prep QC Batch: MP21314
(4) Prep QC Batch: MP21326

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	**Date Sampled:**	07/01/13
Matrix:	AQ - Equipment Blank	**Date Received:**	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:34	MA	SW846 9012

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC22415

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere #120
City: Buffalo State: NY Zip: 14202
Project Contact: Doug Reid E-mail: dreid@lenderenvironmental.com
Phone #: 716-474-6862 Fax #:
Sampler(s) Name(s): Margaret A. Popek Phone #: SAA

Project Information

Project Name: BCP
Street: 233 South Elmwood + 234 Delaware
City: Buffalo
Project#: 12B2170.26 / BCP ID C915271
Client PO#:
Project Manager: Doug Reid

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 TCL + STARS	TAL metals + Cyanide 6010/9013	PCBs + Pesticides 8081/8082	LAB USE ONLY
-1	~~TPMW3~~ TPMW4		7/1/13	1400	mp	GW	8	3		1		4					X	X	X	X	
-2	EB-3		7/1/13	1500	mp	WW	8	3		1		4					X	X	X	X	
																					4F3, 18A
																					6C,

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [x] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYDEC EQUIS
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Margaret A. Popek	7/1/13 1800	1	2 [signature]	7-2-13	2 [signature]
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☑ Cooler Temp 4.7°C

5.1

5

MC22415: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC22415 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 7/2/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
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MC22415: Chain of Custody
Page 2 of 2

APPENDIX H

New England ACCUTEST LABORATORIES

10/01/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC24502

Sampling Date: 09/17/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **51**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC24502

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC24502-1	09/17/13	12:30	JMR	09/18/13	SO	Soil	BCP-FILL #1
MC24502-2	09/17/13	13:50	JMR	09/18/13	SO	Soil	BCP-FILL #2
MC24502-3	09/17/13	14:00	JMR	09/18/13	SO	Soil	BCP-FILL #3
MC24502-4	09/17/13	14:30	JMR	09/18/13	SO	Soil	BCP-FILL #4

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC24502
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	9/25/2013 2:57:18 PM

4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on 09/17/2013 and were received at Accutest on 09/18/2013 properly preserved, at 2.5 Deg. C and intact. These Samples received an Accutest job number of MC24502. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** MSM2057

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24441-7MS, MC24441-7MSD were used as the QC samples indicated.
- MSM2057-BS for 1,1,1-Trichloroethane, 1,1-Dichloroethene, 2-Hexanone are outside control limits. Blank Spike meets program technical requirements.
- MC24441-7MS for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Bromoform, Dibromochloromethane, n-Butylbenzene, n-Propylbenzene, sec-Butylbenzene, tert-Butylbenzene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC24441-7MSD for Bromoform, Carbon tetrachloride, Dibromochloromethane, Tetrachloroethene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MSM2057-BS for Bromoform, Carbon tetrachloride, Dibromochloromethane, Tetrachloroethene: Outside control limits. Associated samples are non-detect for this compound.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP34889

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC24403-3MS, MC24403-3MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP34889-BS for Hexachlorocyclopentadiene are outside control limits. Blank Spike meets program technical requirements.
- OP34889-MS for 2,4-Dinitrophenol, Hexachlorocyclopentadiene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- OP34889-MSD for 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 4,6-Dinitro-o-cresol are outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for OP34889-MSD for 4,6-Dinitro-o-cresol are outside control limits. High RPD due to possible matrix interference and/or sample non-homogeneity.

Extractables by GC By Method SW846 8081

Matrix: SO **Batch ID:** OP34893

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24502-3MS, MC24502-3MSD were used as the QC samples indicated.
- MC24502-2 for 4,4'-DDT: Confirmation value >40% RPD.
- MC24502-2 for Decachlorobiphenyl: Outside control limits due to possible matrix interference.
- MC24502-4 for Tetrachloro-m-xylene: Outside control limits due to possible matrix interference.
- Continuing calibration check standard GBE1980-ECC1980 has several compounds exceeding criteria due to possible residual matrix interference. Associated samples confirmed by reanalysis.

Extractables by GC By Method SW846 8082

Matrix: SO **Batch ID:** OP34892

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24502-4MS, MC24502-4MSD were used as the QC samples indicated.
- Continuing calibration check standard GBB3013-CC3000, file BB51073 (signal 2), BB51062, BB51083 for DCB exceed criteria. Targets recovery satisfactory.

Metals By Method SW846 6010C

Matrix: SO **Batch ID:** MP21667

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24502-3MSD, MC24502-3PS, MC24502-3SDL, MC24502-3MSD were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike is not within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony, Magnesium are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Recovery(s) for Calcium, Aluminum, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for MSD for Magnesium, Manganese, Zinc are outside control limits for sample MP21667-S2. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for Serial Dilution for Antimony, Beryllium, Cadmium, Selenium, Thallium are outside control limits for sample MP21667-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Matrix Spike Recovery(s) for Manganese are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike is not within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Calcium, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- MP21667-SD1 for Chromium, Zinc, Lead, Iron, Manganese, Magnesium, Nickel, Potassium, Sodium, Vanadium: Serial dilution indicates possible matrix interference.
- MP21667-SD1 for Cobalt: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
- MP21667-PS1 for Manganese: Post-digestion spike recoveries outside of control limits indicate possible matrix interference.

Metals By Method SW846 7471B

Matrix: SO **Batch ID:** MP21683

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24283-22MS, MC24283-22MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix: SO **Batch ID:** GN44364

- Sample(s) MC24503-3DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012 M

Matrix: SO **Batch ID:** GP16611

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24502-3MS, MC24502-3DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP16611-D1. RPD acceptable due to low duplicate and sample concentrations.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC24502).

Summary of Hits

Job Number: MC24502
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/17/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC24502-1	**BCP-FILL #1**					
Benzene		1.7	0.57	0.28	ug/kg	SW846 8260B
Carbon disulfide		1.1 J	5.7	0.17	ug/kg	SW846 8260B
Toluene		0.96 J	5.7	0.28	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		0.38 J	5.7	0.24	ug/kg	SW846 8260B
m,p-Xylene		0.78 J	2.3	0.33	ug/kg	SW846 8260B
o-Xylene		0.31 J	2.3	0.23	ug/kg	SW846 8260B
Xylene (total)		1.1 J	2.3	0.23	ug/kg	SW846 8260B
Acenaphthylene		59.3 J	570	57	ug/kg	SW846 8270C
Anthracene		122 J	570	69	ug/kg	SW846 8270C
Benzo(a)anthracene		455 J	570	74	ug/kg	SW846 8270C
Benzo(a)pyrene		430 J	570	62	ug/kg	SW846 8270C
Benzo(b)fluoranthene		375 J	570	72	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		310 J	570	57	ug/kg	SW846 8270C
Benzo(k)fluoranthene		421 J	570	87	ug/kg	SW846 8270C
Chrysene		455 J	570	71	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene		95.5 J	570	68	ug/kg	SW846 8270C
Fluoranthene		915	570	78	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene		270 J	570	63	ug/kg	SW846 8270C
2-Methylnaphthalene		156 J	570	73	ug/kg	SW846 8270C
Naphthalene		110 J	570	92	ug/kg	SW846 8270C
Phenanthrene		535 J	570	78	ug/kg	SW846 8270C
Pyrene		767	570	67	ug/kg	SW846 8270C
Aluminum		8360	19	3.5	mg/kg	SW846 6010C
Antimony		0.24 B	0.97	0.15	mg/kg	SW846 6010C
Arsenic		8.7	0.97	0.20	mg/kg	SW846 6010C
Barium		154	4.9	0.070	mg/kg	SW846 6010C
Beryllium		1.0	0.39	0.023	mg/kg	SW846 6010C
Cadmium		0.66	0.39	0.041	mg/kg	SW846 6010C
Calcium		61100	2400	30	mg/kg	SW846 6010C
Chromium		15.8	0.97	0.092	mg/kg	SW846 6010C
Cobalt		3.6 B	4.9	0.046	mg/kg	SW846 6010C
Copper		42.3	2.4	0.54	mg/kg	SW846 6010C
Iron		10900	9.7	0.84	mg/kg	SW846 6010C
Lead		190	0.97	0.16	mg/kg	SW846 6010C
Magnesium		6540	490	5.0	mg/kg	SW846 6010C
Manganese		713	1.5	0.039	mg/kg	SW846 6010C
Mercury		0.11	0.038	0.011	mg/kg	SW846 7471B
Nickel		12.7	3.9	0.043	mg/kg	SW846 6010C
Potassium		684	490	8.3	mg/kg	SW846 6010C
Selenium		0.82 B	0.97	0.34	mg/kg	SW846 6010C
Silver		0.15 B	0.49	0.12	mg/kg	SW846 6010C
Sodium		642	490	3.2	mg/kg	SW846 6010C
Vanadium		12.5	0.97	0.13	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC24502
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/17/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Zinc		90.8	1.9	0.16	mg/kg	SW846 6010C
Cyanide		0.63	0.14		mg/kg	SW846 9012 M
MC24502-2	**BCP-FILL #2**					
Benzene		0.66 J	0.72	0.35	ug/kg	SW846 8260B
Carbon disulfide		11.0	7.2	0.22	ug/kg	SW846 8260B
Toluene		1.0 J	7.2	0.35	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		0.56 J	7.2	0.30	ug/kg	SW846 8260B
m,p-Xylene		0.90 J	2.9	0.41	ug/kg	SW846 8260B
o-Xylene		0.37 J	2.9	0.29	ug/kg	SW846 8260B
Xylene (total)		1.3 J	2.9	0.29	ug/kg	SW846 8260B
Acenaphthene		179 J	550	74	ug/kg	SW846 8270C
Acenaphthylene		261 J	550	55	ug/kg	SW846 8270C
Anthracene		764	550	66	ug/kg	SW846 8270C
Benzo(a)anthracene		5440	550	71	ug/kg	SW846 8270C
Benzo(a)pyrene		5380	550	59	ug/kg	SW846 8270C
Benzo(b)fluoranthene		5160	550	69	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		3800	550	55	ug/kg	SW846 8270C
Benzo(k)fluoranthene		4200	550	83	ug/kg	SW846 8270C
Butyl benzyl phthalate		314 J	1400	56	ug/kg	SW846 8270C
Carbazole		388 J	550	65	ug/kg	SW846 8270C
Chrysene		6100	550	69	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene		1290	550	66	ug/kg	SW846 8270C
Dibenzofuran		115 J	550	76	ug/kg	SW846 8270C
Fluoranthene		9510	550	76	ug/kg	SW846 8270C
Fluorene		194 J	550	73	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene		3130	550	61	ug/kg	SW846 8270C
2-Methylnaphthalene		174 J	550	70	ug/kg	SW846 8270C
Naphthalene		136 J	550	89	ug/kg	SW846 8270C
Phenanthrene		3510	550	75	ug/kg	SW846 8270C
Pyrene		10200	550	65	ug/kg	SW846 8270C
4,4'-DDT [a]		11.2	5.4	1.7	ug/kg	SW846 8081
Aroclor 1260		18.1 J	27	14	ug/kg	SW846 8082
Aluminum [b]		12700	39	7.0	mg/kg	SW846 6010C
Antimony		0.39 B	0.98	0.15	mg/kg	SW846 6010C
Arsenic		7.3	0.98	0.20	mg/kg	SW846 6010C
Barium [b]		251	9.8	0.14	mg/kg	SW846 6010C
Beryllium [b]		1.6	0.78	0.046	mg/kg	SW846 6010C
Cadmium		1.5	0.39	0.041	mg/kg	SW846 6010C
Calcium		103000	2400	31	mg/kg	SW846 6010C
Chromium		208	0.98	0.093	mg/kg	SW846 6010C
Cobalt		3.8 B	4.9	0.046	mg/kg	SW846 6010C
Copper		38.8	2.4	0.54	mg/kg	SW846 6010C
Iron [b]		40700	20	1.7	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC24502
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/17/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Lead		236	0.98	0.16	mg/kg	SW846 6010C
Magnesium [b]		10600	980	10	mg/kg	SW846 6010C
Manganese		6240	7.3	0.20	mg/kg	SW846 6010C
Mercury		0.10	0.035	0.010	mg/kg	SW846 7471B
Nickel		18.7	3.9	0.043	mg/kg	SW846 6010C
Potassium [b]		1060	980	17	mg/kg	SW846 6010C
Silver		0.38 B	0.49	0.12	mg/kg	SW846 6010C
Sodium [b]		1060	980	6.5	mg/kg	SW846 6010C
Thallium		0.99	0.98	0.13	mg/kg	SW846 6010C
Vanadium		67.5	0.98	0.13	mg/kg	SW846 6010C
Zinc		228	2.0	0.16	mg/kg	SW846 6010C
Cyanide		1.2	0.13		mg/kg	SW846 9012 M
MC24502-3	**BCP-FILL #3**					
Acetone		16.8	12	4.8	ug/kg	SW846 8260B
Toluene		1.6 J	6.2	0.30	ug/kg	SW846 8260B
m,p-Xylene		0.48 J	2.5	0.35	ug/kg	SW846 8260B
Xylene (total)		0.48 J	2.5	0.25	ug/kg	SW846 8260B
Acenaphthene		22.0 J	110	15	ug/kg	SW846 8270C
Acenaphthylene		19.0 J	110	11	ug/kg	SW846 8270C
Anthracene		68.4 J	110	13	ug/kg	SW846 8270C
Benzo(a)anthracene		385	110	14	ug/kg	SW846 8270C
Benzo(a)pyrene		351	110	12	ug/kg	SW846 8270C
Benzo(b)fluoranthene		322	110	14	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		228	110	11	ug/kg	SW846 8270C
Benzo(k)fluoranthene		247	110	17	ug/kg	SW846 8270C
Carbazole		32.7 J	110	13	ug/kg	SW846 8270C
Chrysene		440	110	14	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene		76.4 J	110	13	ug/kg	SW846 8270C
Fluoranthene		688	110	15	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene		181	110	12	ug/kg	SW846 8270C
Phenanthrene		435	110	15	ug/kg	SW846 8270C
Pyrene		824	110	13	ug/kg	SW846 8270C
4,4'-DDE		3.1 J	5.6	2.3	ug/kg	SW846 8081
4,4'-DDT		3.9 J	5.6	1.8	ug/kg	SW846 8081
Aluminum		2590	20	3.6	mg/kg	SW846 6010C
Antimony		0.18 B	1.0	0.15	mg/kg	SW846 6010C
Arsenic		4.9	1.0	0.21	mg/kg	SW846 6010C
Barium		68.0	5.0	0.073	mg/kg	SW846 6010C
Beryllium		0.14 B	0.40	0.024	mg/kg	SW846 6010C
Cadmium		0.11 B	0.40	0.042	mg/kg	SW846 6010C
Calcium		92700	2500	32	mg/kg	SW846 6010C
Chromium		6.0	1.0	0.095	mg/kg	SW846 6010C
Cobalt		2.0 B	5.0	0.047	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC24502
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/17/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Copper		4.8	2.5	0.56	mg/kg	SW846 6010C
Iron		4950	10	0.87	mg/kg	SW846 6010C
Lead		321	1.0	0.17	mg/kg	SW846 6010C
Magnesium		2270	500	5.1	mg/kg	SW846 6010C
Manganese		181	1.5	0.040	mg/kg	SW846 6010C
Mercury		0.13	0.034	0.0098	mg/kg	SW846 7471B
Nickel		5.8	4.0	0.044	mg/kg	SW846 6010C
Potassium		513	500	8.6	mg/kg	SW846 6010C
Sodium		634	500	3.3	mg/kg	SW846 6010C
Thallium		0.15 B	1.0	0.13	mg/kg	SW846 6010C
Vanadium		16.2	1.0	0.13	mg/kg	SW846 6010C
Zinc		127	2.0	0.16	mg/kg	SW846 6010C
MC24502-4	**BCP-FILL #4**					
Benzene		1.0	0.54	0.27	ug/kg	SW846 8260B
Carbon disulfide		4.3 J	5.4	0.16	ug/kg	SW846 8260B
Toluene		1.4 J	5.4	0.26	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		0.83 J	5.4	0.22	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		0.49 J	5.4	0.14	ug/kg	SW846 8260B
m,p-Xylene		1.2 J	2.2	0.31	ug/kg	SW846 8260B
o-Xylene		0.52 J	2.2	0.22	ug/kg	SW846 8260B
Xylene (total)		1.8 J	2.2	0.22	ug/kg	SW846 8260B
Acenaphthene		97.2 J	120	15	ug/kg	SW846 8270C
Acenaphthylene		110 J	120	11	ug/kg	SW846 8270C
Anthracene		323	120	14	ug/kg	SW846 8270C
Benzo(a)anthracene		1360	120	15	ug/kg	SW846 8270C
Benzo(a)pyrene		1310	120	12	ug/kg	SW846 8270C
Benzo(b)fluoranthene		1540	120	14	ug/kg	SW846 8270C
Benzo(g,h,i)perylene		932	120	11	ug/kg	SW846 8270C
Benzo(k)fluoranthene		834	120	17	ug/kg	SW846 8270C
Carbazole		151	120	14	ug/kg	SW846 8270C
Chrysene		1460	120	14	ug/kg	SW846 8270C
Dibenzo(a,h)anthracene		298	120	14	ug/kg	SW846 8270C
Dibenzofuran		102 J	120	16	ug/kg	SW846 8270C
Fluoranthene		2510	120	16	ug/kg	SW846 8270C
Fluorene		109 J	120	15	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene		748	120	13	ug/kg	SW846 8270C
2-Methylnaphthalene		195	120	15	ug/kg	SW846 8270C
Naphthalene		240	120	18	ug/kg	SW846 8270C
Phenanthrene		1400	120	16	ug/kg	SW846 8270C
Pyrene		2300	120	13	ug/kg	SW846 8270C
Aluminum		16200	21	3.7	mg/kg	SW846 6010C
Antimony		0.22 B	1.0	0.16	mg/kg	SW846 6010C
Arsenic		10.3	1.0	0.21	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC24502
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/17/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Barium		532	5.1	0.075	mg/kg	SW846 6010C
Beryllium		2.3	0.41	0.025	mg/kg	SW846 6010C
Cadmium		3.5	0.41	0.044	mg/kg	SW846 6010C
Calcium		40700	2600	32	mg/kg	SW846 6010C
Chromium		14.3	1.0	0.098	mg/kg	SW846 6010C
Cobalt		2.8 B	5.1	0.048	mg/kg	SW846 6010C
Copper		60.7	2.6	0.57	mg/kg	SW846 6010C
Iron		9800	10	0.90	mg/kg	SW846 6010C
Lead		3470	5.1	0.86	mg/kg	SW846 6010C
Magnesium		7520	510	5.3	mg/kg	SW846 6010C
Manganese		1260	1.5	0.041	mg/kg	SW846 6010C
Mercury		0.34	0.036	0.010	mg/kg	SW846 7471B
Nickel		13.2	4.1	0.045	mg/kg	SW846 6010C
Potassium		1120	510	8.8	mg/kg	SW846 6010C
Selenium		1.9	1.0	0.36	mg/kg	SW846 6010C
Silver		0.28 B	0.51	0.13	mg/kg	SW846 6010C
Sodium		1220	510	3.4	mg/kg	SW846 6010C
Vanadium		10.8	1.0	0.14	mg/kg	SW846 6010C
Zinc		386	2.1	0.17	mg/kg	SW846 6010C
Cyanide		0.59	0.13		mg/kg	SW846 9012 M

(a) Confirmation value > 40% RPD.
(b) Elevated RL due to dilution required for matrix interference.

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59441.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	5.26 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	4.5	ug/kg	
71-43-2	Benzene	1.7	0.57	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.41	ug/kg	
75-25-2	Bromoform	ND	2.3	0.33	ug/kg	
74-83-9	Bromomethane	ND	2.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.7	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	0.20	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	0.18	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	0.41	ug/kg	
75-15-0	Carbon disulfide	1.1	5.7	0.17	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.3	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.31	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.69	ug/kg	
67-66-3	Chloroform	ND	2.3	0.33	ug/kg	
74-87-3	Chloromethane	ND	5.7	1.4	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.49	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	0.62	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.3	0.60	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	0.58	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.51	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.3	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	0.20	ug/kg	
591-78-6	2-Hexanone	ND	5.7	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	0.32	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.7	2.1	ug/kg	
75-09-2	Methylene chloride	ND	2.3	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.7	0.90	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	0.28	ug/kg	
100-42-5	Styrene	ND	5.7	0.24	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.34	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.51	ug/kg	
108-88-3	Toluene	0.96	5.7	0.28	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.40	ug/kg	
79-01-6	Trichloroethene	ND	2.3	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.38	5.7	0.24	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	0.15	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.65	ug/kg	
	m,p-Xylene	0.78	2.3	0.33	ug/kg	J
95-47-6	o-Xylene	0.31	2.3	0.23	ug/kg	J
1330-20-7	Xylene (total)	1.1	2.3	0.23	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #1
Lab Sample ID: MC24502-1 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 83.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33709.D	5	09/23/13	KR	09/19/13	OP34889	MSR1226
Run #2							

	Initial Weight	Final Volume
Run #1	21.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1400	65	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2900	73	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2900	83	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2900	470	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	5700	720	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2900	360	ug/kg	
95-48-7	2-Methylphenol	ND	2900	110	ug/kg	
	3&4-Methylphenol	ND	2900	140	ug/kg	
88-75-5	2-Nitrophenol	ND	2900	77	ug/kg	
100-02-7	4-Nitrophenol	ND	5700	540	ug/kg	
87-86-5	Pentachlorophenol	ND	2900	200	ug/kg	
108-95-2	Phenol	ND	1400	82	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2900	72	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2900	71	ug/kg	
83-32-9	Acenaphthene	ND	570	77	ug/kg	
208-96-8	Acenaphthylene	59.3	570	57	ug/kg	J
120-12-7	Anthracene	122	570	69	ug/kg	J
56-55-3	Benzo(a)anthracene	455	570	74	ug/kg	J
50-32-8	Benzo(a)pyrene	430	570	62	ug/kg	J
205-99-2	Benzo(b)fluoranthene	375	570	72	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	310	570	57	ug/kg	J
207-08-9	Benzo(k)fluoranthene	421	570	87	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	1400	72	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1400	59	ug/kg	
91-58-7	2-Chloronaphthalene	ND	1400	78	ug/kg	
106-47-8	4-Chloroaniline	ND	2900	72	ug/kg	
86-74-8	Carbazole	ND	570	68	ug/kg	
218-01-9	Chrysene	455	570	71	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	1400	67	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1400	87	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1400	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #1
Lab Sample ID: MC24502-1 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 83.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	1400	74	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1400	82	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1400	76	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	2900	190	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	2900	72	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1400	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	95.5	570	68	ug/kg	J
132-64-9	Dibenzofuran	ND	570	79	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1400	150	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1400	45	ug/kg	
84-66-2	Diethyl phthalate	ND	1400	72	ug/kg	
131-11-3	Dimethyl phthalate	ND	1400	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1400	53	ug/kg	
206-44-0	Fluoranthene	915	570	78	ug/kg	
86-73-7	Fluorene	ND	570	76	ug/kg	
118-74-1	Hexachlorobenzene	ND	1400	90	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1400	83	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2900	720	ug/kg	
67-72-1	Hexachloroethane	ND	1400	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	270	570	63	ug/kg	J
78-59-1	Isophorone	ND	1400	66	ug/kg	
91-57-6	2-Methylnaphthalene	156	570	73	ug/kg	J
88-74-4	2-Nitroaniline	ND	2900	72	ug/kg	
99-09-2	3-Nitroaniline	ND	2900	160	ug/kg	
100-01-6	4-Nitroaniline	ND	2900	72	ug/kg	
91-20-3	Naphthalene	110	570	92	ug/kg	J
98-95-3	Nitrobenzene	ND	1400	77	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1400	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	87	ug/kg	
85-01-8	Phenanthrene	535	570	78	ug/kg	J
129-00-0	Pyrene	767	570	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1400	79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		30-130%
4165-62-2	Phenol-d5	71%		30-130%
118-79-6	2,4,6-Tribromophenol	41%		30-130%
4165-60-0	Nitrobenzene-d5	51%		30-130%
321-60-8	2-Fluorobiphenyl	53%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	47%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38065.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	6.0	1.8	ug/kg	
319-84-6	alpha-BHC	ND	6.0	1.4	ug/kg	
319-85-7	beta-BHC	ND	6.0	2.0	ug/kg	
319-86-8	delta-BHC	ND	6.0	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.0	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.0	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.0	1.8	ug/kg	
60-57-1	Dieldrin	ND	6.0	1.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.0	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.0	2.5	ug/kg	
50-29-3	4,4'-DDT	ND	6.0	1.9	ug/kg	
72-20-8	Endrin	ND	6.0	2.4	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.0	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.0	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	6.0	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	6.0	1.9	ug/kg	
76-44-8	Heptachlor	ND	6.0	1.8	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.0	1.8	ug/kg	
72-43-5	Methoxychlor	ND	6.0	2.4	ug/kg	
53494-70-5	Endrin ketone	ND	6.0	2.2	ug/kg	
8001-35-2	Toxaphene	ND	60	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	44%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	119%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #1
Lab Sample ID: MC24502-1 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8082 SW846 3546 **Percent Solids:** 83.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51074.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	30	14	ug/kg	
11104-28-2	Aroclor 1221	ND	30	18	ug/kg	
11141-16-5	Aroclor 1232	ND	30	14	ug/kg	
53469-21-9	Aroclor 1242	ND	30	15	ug/kg	
12672-29-6	Aroclor 1248	ND	30	13	ug/kg	
11097-69-1	Aroclor 1254	ND	30	22	ug/kg	
11096-82-5	Aroclor 1260	ND	30	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #1
Lab Sample ID: MC24502-1
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 09/17/13
Date Received: 09/18/13
Percent Solids: 83.1

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8360	19	3.5	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.24 B	0.97	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	8.7	0.97	0.20	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	154	4.9	0.070	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	1.0	0.39	0.023	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.66	0.39	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	61100	2400	30	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	15.8	0.97	0.092	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	3.6 B	4.9	0.046	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	42.3	2.4	0.54	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	10900	9.7	0.84	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	190	0.97	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	6540	490	5.0	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	713	1.5	0.039	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.11	0.038	0.011	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	12.7	3.9	0.043	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	684	490	8.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.82 B	0.97	0.34	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.15 B	0.49	0.12	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	642	490	3.2	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.13 U	0.97	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	12.5	0.97	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	90.8	1.9	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
		Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.63	0.14	mg/kg	1	09/20/13 12:31	MA	SW846 9012 M
Solids, Percent	83.1		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59442.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	3.88 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	14	5.6	ug/kg	
71-43-2	Benzene	0.66	0.72	0.35	ug/kg	J
75-27-4	Bromodichloromethane	ND	2.9	0.52	ug/kg	
75-25-2	Bromoform	ND	2.9	0.42	ug/kg	
74-83-9	Bromomethane	ND	2.9	1.4	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.2	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	0.25	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	0.51	ug/kg	
75-15-0	Carbon disulfide	11.0	7.2	0.22	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.9	1.7	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.39	ug/kg	
75-00-3	Chloroethane	ND	7.2	0.86	ug/kg	
67-66-3	Chloroform	ND	2.9	0.41	ug/kg	
74-87-3	Chloromethane	ND	7.2	1.7	ug/kg	
124-48-1	Dibromochloromethane	ND	2.9	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.9	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.9	0.78	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.9	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.9	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.9	0.64	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.9	0.35	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	2.9	0.25	ug/kg	
591-78-6	2-Hexanone	ND	7.2	3.5	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	0.40	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	0.23	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.9	0.57	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.2	2.7	ug/kg	
75-09-2	Methylene chloride	ND	2.9	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	7.2	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	0.35	ug/kg	
100-42-5	Styrene	ND	7.2	0.29	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.9	0.63	ug/kg	
108-88-3	Toluene	1.0	7.2	0.35	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.26	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.50	ug/kg	
79-01-6	Trichloroethene	ND	2.9	0.68	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.56	7.2	0.30	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	0.82	ug/kg	
	m,p-Xylene	0.90	2.9	0.41	ug/kg	J
95-47-6	o-Xylene	0.37	2.9	0.29	ug/kg	J
1330-20-7	Xylene (total)	1.3	2.9	0.29	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33739.D	5	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1400	62	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2800	70	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2800	80	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2800	450	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	5500	690	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2800	350	ug/kg	
95-48-7	2-Methylphenol	ND	2800	110	ug/kg	
	3&4-Methylphenol	ND	2800	130	ug/kg	
88-75-5	2-Nitrophenol	ND	2800	74	ug/kg	
100-02-7	4-Nitrophenol	ND	5500	520	ug/kg	
87-86-5	Pentachlorophenol	ND	2800	190	ug/kg	
108-95-2	Phenol	ND	1400	79	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2800	69	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2800	68	ug/kg	
83-32-9	Acenaphthene	179	550	74	ug/kg	J
208-96-8	Acenaphthylene	261	550	55	ug/kg	J
120-12-7	Anthracene	764	550	66	ug/kg	
56-55-3	Benzo(a)anthracene	5440	550	71	ug/kg	
50-32-8	Benzo(a)pyrene	5380	550	59	ug/kg	
205-99-2	Benzo(b)fluoranthene	5160	550	69	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3800	550	55	ug/kg	
207-08-9	Benzo(k)fluoranthene	4200	550	83	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	1400	70	ug/kg	
85-68-7	Butyl benzyl phthalate	314	1400	56	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	1400	75	ug/kg	
106-47-8	4-Chloroaniline	ND	2800	69	ug/kg	
86-74-8	Carbazole	388	550	65	ug/kg	J
218-01-9	Chrysene	6100	550	69	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	1400	65	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1400	84	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1400	99	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #2
Lab Sample ID: MC24502-2 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 89.9
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	1400	71	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1400	79	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1400	73	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	2800	180	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	2800	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1400	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1290	550	66	ug/kg	
132-64-9	Dibenzofuran	115	550	76	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1400	150	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1400	43	ug/kg	
84-66-2	Diethyl phthalate	ND	1400	69	ug/kg	
131-11-3	Dimethyl phthalate	ND	1400	80	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1400	51	ug/kg	
206-44-0	Fluoranthene	9510	550	76	ug/kg	
86-73-7	Fluorene	194	550	73	ug/kg	J
118-74-1	Hexachlorobenzene	ND	1400	86	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1400	80	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	2800	690	ug/kg	
67-72-1	Hexachloroethane	ND	1400	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3130	550	61	ug/kg	
78-59-1	Isophorone	ND	1400	64	ug/kg	
91-57-6	2-Methylnaphthalene	174	550	70	ug/kg	J
88-74-4	2-Nitroaniline	ND	2800	69	ug/kg	
99-09-2	3-Nitroaniline	ND	2800	150	ug/kg	
100-01-6	4-Nitroaniline	ND	2800	69	ug/kg	
91-20-3	Naphthalene	136	550	89	ug/kg	J
98-95-3	Nitrobenzene	ND	1400	75	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1400	79	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	83	ug/kg	
85-01-8	Phenanthrene	3510	550	75	ug/kg	
129-00-0	Pyrene	10200	550	65	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1400	76	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	87%		30-130%
4165-62-2	Phenol-d5	86%		30-130%
118-79-6	2,4,6-Tribromophenol	88%		30-130%
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	96%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	104%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38066.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.4	1.6	ug/kg	
319-84-6	alpha-BHC	ND	5.4	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.4	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.4	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.4	1.6	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.4	2.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.4	1.6	ug/kg	
60-57-1	Dieldrin	ND	5.4	1.7	ug/kg	
72-54-8	4,4'-DDD	ND	5.4	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.4	2.2	ug/kg	
50-29-3	4,4'-DDT [a]	11.2	5.4	1.7	ug/kg	
72-20-8	Endrin	ND	5.4	2.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.4	1.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.4	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.4	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	5.4	1.7	ug/kg	
76-44-8	Heptachlor	ND	5.4	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.4	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.4	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.4	2.0	ug/kg	
8001-35-2	Toxaphene	ND	54	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	48%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	362% [b]		30-150%

(a) Confirmation value > 40% RPD.
(b) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51075.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	27	12	ug/kg	
11104-28-2	Aroclor 1221	ND	27	16	ug/kg	
11141-16-5	Aroclor 1232	ND	27	13	ug/kg	
53469-21-9	Aroclor 1242	ND	27	13	ug/kg	
12672-29-6	Aroclor 1248	ND	27	12	ug/kg	
11097-69-1	Aroclor 1254	ND	27	20	ug/kg	
11096-82-5	Aroclor 1260	18.1	27	14	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	79%		30-150%
2051-24-3	Decachlorobiphenyl	96%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #2
Lab Sample ID: MC24502-2
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 09/17/13
Date Received: 09/18/13
Percent Solids: 89.9

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	12700	39	7.0	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.39 B	0.98	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	7.3	0.98	0.20	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium [a]	251	9.8	0.14	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.6	0.78	0.046	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	1.5	0.39	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	103000	2400	31	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	208	0.98	0.093	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	3.8 B	4.9	0.046	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	38.8	2.4	0.54	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron [a]	40700	20	1.7	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	236	0.98	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium [a]	10600	980	10	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	6240	7.3	0.20	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.10	0.035	0.010	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	18.7	3.9	0.043	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium [a]	1060	980	17	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.34 U	0.98	0.34	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.38 B	0.49	0.12	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium [a]	1060	980	6.5	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.99	0.98	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	67.5	0.98	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	228	2.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
		Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	1.2	0.13	mg/kg	1	09/20/13 12:32	MA	SW846 9012 M
Solids, Percent	89.9		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59443.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	4.58 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.8	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.62	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.45	ug/kg	
75-25-2	Bromoform	ND	2.5	0.36	ug/kg	
74-83-9	Bromomethane	ND	2.5	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	0.21	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.20	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.44	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.33	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.74	ug/kg	
67-66-3	Chloroform	ND	2.5	0.36	ug/kg	
74-87-3	Chloromethane	ND	6.2	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.53	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	0.67	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.63	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.55	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.5	0.30	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	0.22	ug/kg	
591-78-6	2-Hexanone	ND	6.2	3.0	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.35	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	0.49	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	2.3	ug/kg	
75-09-2	Methylene chloride	ND	2.5	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	6.2	0.97	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.30	ug/kg	
100-42-5	Styrene	ND	6.2	0.25	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.36	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.55	ug/kg	
108-88-3	Toluene	1.6	6.2	0.30	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.43	ug/kg	
79-01-6	Trichloroethene	ND	2.5	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.25	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.16	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.70	ug/kg	
	m,p-Xylene	0.48	2.5	0.35	ug/kg	J
95-47-6	o-Xylene	ND	2.5	0.25	ug/kg	
1330-20-7	Xylene (total)	0.48	2.5	0.25	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	80%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #3
Lab Sample ID: MC24502-3 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 88.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33740.D	1	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	91	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	70	ug/kg	
95-48-7	2-Methylphenol	ND	560	22	ug/kg	
	3&4-Methylphenol	ND	560	27	ug/kg	
88-75-5	2-Nitrophenol	ND	560	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	39	ug/kg	
108-95-2	Phenol	ND	280	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	14	ug/kg	
83-32-9	Acenaphthene	22.0	110	15	ug/kg	J
208-96-8	Acenaphthylene	19.0	110	11	ug/kg	J
120-12-7	Anthracene	68.4	110	13	ug/kg	J
56-55-3	Benzo(a)anthracene	385	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	351	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	322	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	228	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	247	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	560	14	ug/kg	
86-74-8	Carbazole	32.7	110	13	ug/kg	J
218-01-9	Chrysene	440	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #3
Lab Sample ID: MC24502-3 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 88.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	76.4	110	13	ug/kg	J
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	10	ug/kg	
206-44-0	Fluoranthene	688	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	181	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	560	14	ug/kg	
99-09-2	3-Nitroaniline	ND	560	31	ug/kg	
100-01-6	4-Nitroaniline	ND	560	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	435	110	15	ug/kg	
129-00-0	Pyrene	824	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		30-130%
4165-62-2	Phenol-d5	68%		30-130%
118-79-6	2,4,6-Tribromophenol	72%		30-130%
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	66%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38067.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	3.1	5.6	2.3	ug/kg	J
50-29-3	4,4'-DDT	3.9	5.6	1.8	ug/kg	J
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		30-150%
877-09-8	Tetrachloro-m-xylene	62%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #3
Lab Sample ID: MC24502-3 **Date Sampled:** 09/17/13
Matrix: SO - Soil **Date Received:** 09/18/13
Method: SW846 8082 SW846 3546 **Percent Solids:** 88.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51076.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		30-150%
877-09-8	Tetrachloro-m-xylene	87%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #3
Lab Sample ID: MC24502-3
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 09/17/13
Date Received: 09/18/13
Percent Solids: 88.2

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2590	20	3.6	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.18 B	1.0	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	4.9	1.0	0.21	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	68.0	5.0	0.073	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.14 B	0.40	0.024	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.11 B	0.40	0.042	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	92700	2500	32	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	6.0	1.0	0.095	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.0 B	5.0	0.047	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	4.8	2.5	0.56	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4950	10	0.87	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	321	1.0	0.17	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	2270	500	5.1	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	181	1.5	0.040	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.13	0.034	0.0098	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	5.8	4.0	0.044	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	513	500	8.6	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.35 U	1.0	0.35	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.50	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	634	500	3.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.15 B	1.0	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	16.2	1.0	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	127	2.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
		Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	09/20/13 12:30	MA	SW846 9012 M
Solids, Percent	88.2		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59444.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	5.41 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	4.2	ug/kg	
71-43-2	Benzene	1.0	0.54	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.39	ug/kg	
75-25-2	Bromoform	ND	2.2	0.32	ug/kg	
74-83-9	Bromomethane	ND	2.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.4	3.4	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	0.19	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	0.17	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	0.39	ug/kg	
75-15-0	Carbon disulfide	4.3	5.4	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.2	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.29	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.65	ug/kg	
67-66-3	Chloroform	ND	2.2	0.31	ug/kg	
74-87-3	Chloromethane	ND	5.4	1.3	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.46	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	0.57	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	0.55	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.48	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.2	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	0.19	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	0.30	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	2.2	1.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8260B	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.4	0.85	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	0.26	ug/kg	
100-42-5	Styrene	ND	5.4	0.22	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.32	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.48	ug/kg	
108-88-3	Toluene	1.4	5.4	0.26	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	ND	2.2	0.51	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.83	5.4	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.49	5.4	0.14	ug/kg	J
75-01-4	Vinyl chloride	ND	2.2	0.62	ug/kg	
	m,p-Xylene	1.2	2.2	0.31	ug/kg	J
95-47-6	o-Xylene	0.52	2.2	0.22	ug/kg	J
1330-20-7	Xylene (total)	1.8	2.2	0.22	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		70-130%
2037-26-5	Toluene-D8	84%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33741.D	1	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	94	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	72	ug/kg	
95-48-7	2-Methylphenol	ND	580	23	ug/kg	
	3&4-Methylphenol	ND	580	28	ug/kg	
88-75-5	2-Nitrophenol	ND	580	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	580	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	14	ug/kg	
83-32-9	Acenaphthene	97.2	120	15	ug/kg	J
208-96-8	Acenaphthylene	110	120	11	ug/kg	J
120-12-7	Anthracene	323	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	1360	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	1310	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	1540	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	932	120	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	834	120	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	16	ug/kg	
106-47-8	4-Chloroaniline	ND	580	14	ug/kg	
86-74-8	Carbazole	151	120	14	ug/kg	
218-01-9	Chrysene	1460	120	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	298	120	14	ug/kg	
132-64-9	Dibenzofuran	102	120	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	2510	120	16	ug/kg	
86-73-7	Fluorene	109	120	15	ug/kg	J
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	580	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	748	120	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	195	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	580	14	ug/kg	
99-09-2	3-Nitroaniline	ND	580	31	ug/kg	
100-01-6	4-Nitroaniline	ND	580	14	ug/kg	
91-20-3	Naphthalene	240	120	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	1400	120	16	ug/kg	
129-00-0	Pyrene	2300	120	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		30-130%
4165-62-2	Phenol-d5	43%		30-130%
118-79-6	2,4,6-Tribromophenol	42%		30-130%
4165-60-0	Nitrobenzene-d5	34%		30-130%
321-60-8	2-Fluorobiphenyl	48%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	53%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38068.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.8	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.8	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.8	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.8	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.8	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.8	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.8	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.8	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.8	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.8	2.4	ug/kg	
50-29-3	4,4'-DDT	ND	5.8	1.8	ug/kg	
72-20-8	Endrin	ND	5.8	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.8	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.8	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.8	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.8	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.8	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.8	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.8	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.8	2.1	ug/kg	
8001-35-2	Toxaphene	ND	58	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		30-150%
877-09-8	Tetrachloro-m-xylene	6% [a]		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	144%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51063.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-FILL #4
Lab Sample ID: MC24502-4
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 09/17/13
Date Received: 09/18/13
Percent Solids: 85.2

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	16200	21	3.7	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.22 B	1.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	10.3	1.0	0.21	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	532	5.1	0.075	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	2.3	0.41	0.025	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	3.5	0.41	0.044	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	40700	2600	32	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	14.3	1.0	0.098	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.8 B	5.1	0.048	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	60.7	2.6	0.57	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	9800	10	0.90	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	3470	5.1	0.86	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	7520	510	5.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	1260	1.5	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.34	0.036	0.010	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	13.2	4.1	0.045	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	1120	510	8.8	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	1.9	1.0	0.36	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.28 B	0.51	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	1220	510	3.4	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	10.8	1.0	0.14	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	386	2.1	0.17	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	**Date Sampled:**	09/17/13
Matrix:	SO - Soil	**Date Received:**	09/18/13
		Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.59	0.13	mg/kg	1	09/20/13 12:33	MA	SW846 9012 M
Solids, Percent	85.2		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC24502

Client / Reporting Information

Company Name: LCS
Street Address: 40 LaRievere Dr
City: Buffalo State: NY Zip: 14202
Project Contact: Jeff Rowley E-mail:
Phone #: 716-570-6848 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: BCP
Street: 233 South Elmwood
City: Buffalo, NY
Project#: 12B2170.26 / BCP ID C915271
Client PO#:
Project Manager: Doug Reid

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 ~~STARS~~ TCL	8082 PCBs	TAL Metals + Cyanide	Pesticides	LAB USE ONLY
-1	BCP-Fill #1		09/17/13	12:30	JMR	SO	7					4		1	2		X	X	X	X	X	
-2	BCP-Fill #2		09/17/13	13:50	JMR	SO	7					4		1	2		X	X	X	X	X	
-3	BCP-Fill #3		09/17/13	14:00	JMR	SO	7					4		1	2		X	X	X	X	X	
-4	BCP-Fill #4		09/17/13	14:30	JMR	SO	7					4		1	2		X	X	X	X	X	
																						10B4, 15A,

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [x] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Leblink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [x] ~~Commercial "B" (Level 2)~~
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format DFL Equis
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	09/17/13 16:00	1	2 FEDX	9-18-13 530	2 [signature]
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not Intact	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 2.5

5.1
5

MC24502: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC24502 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 9/18/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

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MC24502: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

10/10/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC24810

Sampling Date: 09/25/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **19**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC24810

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC24810-1	09/25/13	14:30	JR	09/27/13	SO	Soil	BCP-NORTH WALL COMPOSITE

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC24810
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	10/7/2013 5:08:50 PM

1 Sample was collected on 09/25/2013 and were received at Accutest on 09/27/2013 properly preserved, at 1.3 Deg. C and intact. These Samples received an Accutest job number of MC24810. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix SO **Batch ID:** MSM2074

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC24582-5MS, MC24582-5MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Blank Spike Recovery(s) for 2-Butanone (MEK), 2-Hexanone, Acetone are outside control limits. Blank Spike meets program technical requirements.
- Matrix Spike Recovery(s) for 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 2-Butanone (MEK), Acetone, Benzene, Chlorobenzene, cis-1,3-Dichloropropene, Ethylbenzene, m,p-Xylene, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Xylene, p-Isopropyltoluene, sec-Butylbenzene, Styrene, tert-Butylbenzene, Toluene, Xylene (total) are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- Matrix Spike Duplicate Recovery(s) for 1,2,4-Trimethylbenzene, 2-Butanone (MEK), Chlorobenzene, Naphthalene, o-Xylene, Styrene, Acetone are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for Acetone are outside control limits for sample MC24582-5MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.

Extractables by GCMS By Method SW846 8270C

Matrix SO **Batch ID:** OP35043

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24821-4MS, MC24821-4MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Hexachlorocyclopentadiene are outside control limits. Blank Spike meets program technical requirements.
- MS/MSD Recovery(s) for 2,4-Dinitrophenol, Hexachlorocyclopentadiene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.
- RPD(s) for MSD for 2,4-Dinitrophenol, 4-Nitrophenol are outside control limits for sample OP35043-MSD. High RPD due to possible matrix interference and/or sample non-homogeneity.

Extractables by GC By Method SW846 8081

Matrix SO **Batch ID:** OP35044

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24810-1MS, MC24810-1MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8082

Matrix SO **Batch ID:** OP35045

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC24810-1MS, MC24810-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.

Metals By Method SW846 6010C

Matrix SO **Batch ID:** MP21744

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24953-1MS, MC24953-1MSD, MC24953-1SDL were used as the QC samples for metals.
- Matrix Spike Duplicate Recovery(s) for Antimony are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Recovery(s) for Aluminum, Iron are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Antimony, Potassium, Selenium, Silver are outside control limits for sample MP21744-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- Matrix Spike Duplicate Recovery(s) for Iron, Zinc are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Metals By Method SW846 7471B

Matrix SO **Batch ID:** MP21745

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24893-5MS, MC24893-5MSD were used as the QC samples for metals.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix SO **Batch ID:** GN44474

- Sample(s) MC24810-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 9012 M

Matrix SO **Batch ID:** GP16651

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24726-2DUP, MC24726-2MS were used as the QC samples for Cyanide.
- Matrix Spike Recovery(s) for Cyanide are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Refer to spike blank.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC24810).

Summary of Hits

Job Number: MC24810
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/25/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC24810-1	**BCP-NORTH WALL COMPOSITE**					
Benzene		2.9	0.41	0.20	ug/kg	SW846 8260B
Carbon disulfide		0.56 J	4.1	0.12	ug/kg	SW846 8260B
Ethylbenzene		0.91 J	1.6	0.14	ug/kg	SW846 8260B
Toluene		5.4	4.1	0.20	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		2.5 J	4.1	0.17	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		1.1 J	4.1	0.10	ug/kg	SW846 8260B
m,p-Xylene		4.2	1.6	0.23	ug/kg	SW846 8260B
o-Xylene		1.3 J	1.6	0.17	ug/kg	SW846 8260B
Xylene (total)		5.5	1.6	0.17	ug/kg	SW846 8260B
Chrysene		14.1 J	110	13	ug/kg	SW846 8270C
Diethyl phthalate		35.1 J	270	14	ug/kg	SW846 8270C
Fluoranthene		15.2 J	110	15	ug/kg	SW846 8270C
Pyrene		16.5 J	110	13	ug/kg	SW846 8270C
Aluminum		7330	22	3.9	mg/kg	SW846 6010C
Arsenic		2.2	1.1	0.22	mg/kg	SW846 6010C
Barium		48.1	5.4	0.078	mg/kg	SW846 6010C
Beryllium		0.34 B	0.43	0.026	mg/kg	SW846 6010C
Calcium		58700	540	6.8	mg/kg	SW846 6010C
Chromium		10.5	1.1	0.10	mg/kg	SW846 6010C
Cobalt		4.7 B	5.4	0.051	mg/kg	SW846 6010C
Copper		11.1	2.7	0.60	mg/kg	SW846 6010C
Iron		11300	11	0.94	mg/kg	SW846 6010C
Lead		10.9	1.1	0.18	mg/kg	SW846 6010C
Magnesium		24900	540	5.5	mg/kg	SW846 6010C
Manganese		355	1.6	0.043	mg/kg	SW846 6010C
Nickel		10.7	4.3	0.047	mg/kg	SW846 6010C
Potassium		1990	540	9.2	mg/kg	SW846 6010C
Sodium		298 B	540	3.6	mg/kg	SW846 6010C
Thallium		0.25 B	1.1	0.14	mg/kg	SW846 6010C
Vanadium		16.9	1.1	0.14	mg/kg	SW846 6010C
Zinc		57.1	2.2	0.17	mg/kg	SW846 6010C

New England ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8260B	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59866.D	1	10/02/13	KD	n/a	n/a	MSM2074
Run #2							

	Initial Weight	Final Volume
Run #1	6.84 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.1	3.2	ug/kg	
71-43-2	Benzene	2.9	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.79	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	0.56	4.1	0.12	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.6	0.94	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.1	0.99	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
100-41-4	Ethylbenzene	0.91	1.6	0.14	ug/kg	J
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8260B	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.64	ug/kg	
103-65-1	n-Propylbenzene	ND	4.1	0.20	ug/kg	
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.36	ug/kg	
108-88-3	Toluene	5.4	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.5	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	4.1	0.10	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.46	ug/kg	
	m,p-Xylene	4.2	1.6	0.23	ug/kg	
95-47-6	o-Xylene	1.3	1.6	0.17	ug/kg	J
1330-20-7	Xylene (total)	5.5	1.6	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		70-130%
2037-26-5	Toluene-D8	82%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F67438.D	1	10/04/13	KR	09/30/13	OP35043	MSF3105
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	270	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	88	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	68	ug/kg	
95-48-7	2-Methylphenol	ND	540	22	ug/kg	
	3&4-Methylphenol	ND	540	26	ug/kg	
88-75-5	2-Nitrophenol	ND	540	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	38	ug/kg	
108-95-2	Phenol	ND	270	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	15	ug/kg	
106-47-8	4-Chloroaniline	ND	540	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	14.1	110	13	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	270	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL COMPOSITE
Lab Sample ID: MC24810-1 **Date Sampled:** 09/25/13
Matrix: SO - Soil **Date Received:** 09/27/13
Method: SW846 8270C SW846 3546 **Percent Solids:** 90.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	270	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	8.5	ug/kg	
84-66-2	Diethyl phthalate	35.1	270	14	ug/kg	J
131-11-3	Dimethyl phthalate	ND	270	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	10	ug/kg	
206-44-0	Fluoranthene	15.2	110	15	ug/kg	J
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	540	140	ug/kg	
67-72-1	Hexachloroethane	ND	270	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	270	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	540	14	ug/kg	
99-09-2	3-Nitroaniline	ND	540	30	ug/kg	
100-01-6	4-Nitroaniline	ND	540	14	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	270	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	16	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	16.5	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	270	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		30-130%
4165-62-2	Phenol-d5	51%		30-130%
118-79-6	2,4,6-Tribromophenol	62%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	60%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8270C SW846 3546	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	69%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38203.D	1	10/04/13	NK	09/30/13	OP35044	GBE1985
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.1	2.2	ug/kg	
319-84-6	alpha-BHC	ND	7.1	1.7	ug/kg	
319-85-7	beta-BHC	ND	7.1	2.4	ug/kg	
319-86-8	delta-BHC	ND	7.1	1.3	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.1	2.2	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.1	2.7	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.1	2.2	ug/kg	
60-57-1	Dieldrin	ND	7.1	2.3	ug/kg	
72-54-8	4,4'-DDD	ND	7.1	2.3	ug/kg	
72-55-9	4,4'-DDE	ND	7.1	2.9	ug/kg	
50-29-3	4,4'-DDT	ND	7.1	2.2	ug/kg	
72-20-8	Endrin	ND	7.1	2.8	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.1	2.4	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.1	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	7.1	2.8	ug/kg	
33213-65-9	Endosulfan-II	ND	7.1	2.3	ug/kg	
76-44-8	Heptachlor	ND	7.1	2.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.1	2.2	ug/kg	
72-43-5	Methoxychlor	ND	7.1	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	7.1	2.6	ug/kg	
8001-35-2	Toxaphene	ND	71	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK30303.D	1	10/04/13	NK	09/30/13	OP35045	GBK1005
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	17	ug/kg	
53469-21-9	Aroclor 1242	ND	35	18	ug/kg	
12672-29-6	Aroclor 1248	ND	35	16	ug/kg	
11097-69-1	Aroclor 1254	ND	35	26	ug/kg	
11096-82-5	Aroclor 1260	ND	35	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	68%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL COMPOSITE
Lab Sample ID: MC24810-1
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 09/25/13
Date Received: 09/27/13
Percent Solids: 90.1

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7330	22	3.9	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.16 U	1.1	0.16	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	2.2	1.1	0.22	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	48.1	5.4	0.078	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.34 B	0.43	0.026	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.046 U	0.43	0.046	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	58700	540	6.8	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	10.5	1.1	0.10	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	4.7 B	5.4	0.051	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	11.1	2.7	0.60	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	11300	11	0.94	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	10.9	1.1	0.18	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	24900	540	5.5	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	355	1.6	0.043	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.010 U	0.035	0.010	mg/kg	1	10/02/13	10/03/13	SA	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.7	4.3	0.047	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	1990	540	9.2	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.37 U	1.1	0.37	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.13 U	0.54	0.13	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	298 B	540	3.6	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.25 B	1.1	0.14	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	16.9	1.1	0.14	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	57.1	2.2	0.17	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA16175
(2) Instrument QC Batch: MA16184
(3) Prep QC Batch: MP21744
(4) Prep QC Batch: MP21745

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
		Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	10/01/13 14:01	MA	SW846 9012 M
Solids, Percent	90.1		%	1	09/30/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC24810

Client / Reporting Information

Company Name: LCS
Street Address: 40 LaRiviere Drive
City: Buffalo State: NY Zip: 14202
Project Contact: Jeff Rowley E-mail:
Phone #: 716-570-6848 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: BCP
Street: 233 South Elmwood
City: Buffalo
Project#: 11B2170.26 BCP ID C915271
Client PO#:
Project Manager:

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 TCL	PCBS	TAL Metals + Cyanide	Pesticides	LAB USE ONLY
-1	BCP-North Wall Composite		9/25/13	14:30	3ML		7					4		1		2	X	X	X	X	X	
																						9D, 10E4,

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [x] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYSDEC Equis
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	9/26/13 16:00	1 FX	2 FX	9/27/13 9:30	2 [signature]
3		3	4		4
5		5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☑ Cooler Temp. 1.3°

SYRACUSE SC

5.1

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MC24810: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC24810 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 9/27/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
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MC24810: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

10/17/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC24810R

Sampling Date: 09/25/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **10**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) ISO 17025:2005 (L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC24810R

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC24810-1R	09/25/13	14:30	JR	09/27/13	SO	Soil	BCP-NORTH WALL COMPOSITE

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC24810R
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	10/15/2013 12:06:44 PM

1 Sample was collected on 09/25/2013 and were received at Accutest on 09/27/2013 properly preserved, at 1.3 Deg. C and intact. These Samples received an Accutest job number of MC24810R. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Metals By Method SW846 6010C

Matrix SO **Batch ID:** MP21744

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24953-1MS, MC24953-1MSD, MC24953-1SDL were used as the QC samples for metals.

Wet Chemistry By Method ASTM D1498-76M

Matrix SO **Batch ID:** GN44643

- Sample(s) MC24983-1RDUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SW846 3060A/7196A

Matrix SO **Batch ID:** GP16711

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC24983-1RDUP, MC24983-1RMS were used as the QC samples for Chromium, Hexavalent.

Wet Chemistry By Method SW846 6010/7196A M

Matrix SO **Batch ID:** R33824

- MC24810-1R for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Wet Chemistry By Method SW846 9045D

Matrix SO **Batch ID:** GN44640

- Sample(s) MC24983-1RDUP were used as the QC samples for pH.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC24810R).

Summary of Hits

Job Number: MC24810R
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 09/25/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC24810-1R	**BCP-NORTH WALL COMPOSITE**					
Chromium		10.5	1.1	0.10	mg/kg	SW846 6010C
Chromium, Trivalent [a]		10.3	1.5		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2		417			mv	ASTM D1498-76M
pH		8.0			su	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

New England ACCUTEST LABORATORIES

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Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1R	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
		Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Chromium	10.5	1.1	0.10	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [1]	SW846 3050B [2]

(1) Instrument QC Batch: MA16184
(2) Prep QC Batch: MP21744

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1R	**Date Sampled:**	09/25/13
Matrix:	SO - Soil	**Date Received:**	09/27/13
		Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	10/14/13 11:45	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	10.3	1.5	mg/kg	1	10/14/13 11:45	MC	SW846 6010/7196A M
Redox Potential Vs H2	417		mv	1	10/10/13	CF	ASTM D1498-76M
pH	8.0		su	1	10/10/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC24810R

Client / Reporting Information

Company Name	LCS
Street Address	40 LaRiviere Drive
City / State / Zip	Buffalo NY 14202
Project Contact / E-mail	Jeff Rowley
Phone # / Fax #	716-570-6848
Sampler(s) Name(s) / Phone #	Jeff Rowley

Project Information

Project Name	BCP
Street	233 South Elmwood
City	Buffalo
Project#	1JB2170.26 BCP ID C915271
Client PO#	
Project Manager	

Billing Information (If different from Report to)

Company Name	
Street Address	
City / State / Zip	
Attention: / PO#	

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfite	8260 TCL + STARS	8270 TCL	PCBs	TAL Metals + Cyanide	Pesticides	LAB USE ONLY
-1	BCP-North Wall Composite		9/25/13	14:30	3M		7					4		1		2	X	X	X	X	X	
																						9D, 10E4,

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB- Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [x] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format NYSDEC Equis
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	9/26/13 16:00	1 FX	2 FX	9/27/13 9:30	2 [signature]
3		3	4		4
5		5			

Custody Seal # [ ] Intact [ ] Not intact — Preserved where applicable [ ] — On Ice [x] — Cooler Temp. 1.3°

SYRACUSE SC

5.1

5

MC24810R: Chain of Custody
Page 1 of 1

New England ACCUTEST LABORATORIES

11/18/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC25786

Sampling Date: 10/30/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **31**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC25786

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC25786-1	10/30/13	13:30	JMR	10/31/13	SO	Soil	BCP-BOTTOM 22
MC25786-2	10/30/13	15:45	JMR	10/31/13	SO	Soil	BCP-BOTTOM 23
MC25786-3	10/30/13	14:15	JMR	10/31/13	SO	Soil	BCP-EAST WALL 2A
MC25786-4	10/30/13	15:15	JMR	10/31/13	SO	Soil	BCP-EAST WALL COMPOSITE #1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC25786
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	11/7/2013 3:01:10 PM

4 Sample(s), 0 Trip Blank(s) and 0 Field Blank(s) were collected on 10/30/2013 and were received at Accutest on 10/31/2013 properly preserved, at 3.1 Deg. C and intact. These Samples received an Accutest job number of MC25786. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** MSM2122

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC25786-4MS, MC25786-4MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MSM2122-BS for Chloromethane are outside control limits. Blank Spike meets program technical requirements.
- MC25786-4MS for 2-Butanone (MEK), 4-Methyl-2-pentanone (MIBK), Acetone, Naphthalene are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC25786-4MSD for 4-Methyl-2-pentanone (MIBK), Acetone are outside control limits due to possible matrix interference. Refer to Blank Spike.
- MC25786-4MSD has internal standard recovery(s) outside control limits. Target analytes not associated with this internal standard.

Extractables by GCMS By Method SW846 8270D

Matrix: SO **Batch ID:** OP35526

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25900-4MS, MC25900-4MSD were used as the QC samples indicated.
- OP35526-MS for 2,4-Dinitrophenol are outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GC By Method SW846 8081

Matrix: SO **Batch ID:** OP35524

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25797-1MS, MC25797-1MSD were used as the QC samples indicated.
- OP35524-BS for 4,4'-DDT, Endrin, Methoxychlor are outside control limits. Associated samples are non-detect for this compound.
- OP35524-MS for 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Dieldrin, Endosulfan sulfate, Endosulfan-I, Endosulfan-II, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Methoxychlor are outside control limits due to possible matrix interference.
- OP35524-MSD for 4,4'-DDD, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Endosulfan sulfate, Endosulfan-II, Endrin, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Endrin aldehyde are outside control limits due to possible matrix interference.
- RPD(s) for OP35524-MSD for 4,4'-DDE, Dieldrin, Endrin aldehyde are outside control limits due to possible matrix interference.
- OP35524-MS/MSD for Decachlorobiphenyl: Outside control limits due to possible matrix interference.
- Continuing calibration check standard GBE2010-ECC2009 has several compounds exceeding criteria due to possible residual matrix interference. Associated samples confirmed by reanalysis.

Extractables by GC By Method SW846 8082

Matrix: SO **Batch ID:** OP35523

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC25797-1MS, MC25797-1MSD, OP35523-MSMSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP35523-MS for Aroclor 1016, Aroclor 1260 are outside control limits due to possible matrix interference.
- RPD(s) for OP35523-MSD for Aroclor 1016, Aroclor 1254, Aroclor 1260 are outside control limits. High RPD due to possible matrix interference and/or sample non-homogeneity.
- OP35523-MSD for Aroclor 1260 are outside control limits due to possible matrix interference.

Metals By Method SW846 6010C

Matrix: SO **Batch ID:** MP21940

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB50766-1MSD, JB50766-1PS, JB50766-1SDL, JB50766-1MS, JB50766-1MSD were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony, Lead are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.Post spike within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony, Lead are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike, Matrix Spike Duplicate Recovery(s) for Aluminum, Calcium, Iron, Magnesium, Manganese are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for MSD for Lead are outside control limits for sample MP21940-S2. High RPD due to possible matrix interference and/or sample non-homogeneity.
- RPD(s) for Serial Dilution for Antimony, Beryllium, Cadmium are outside control limits for sample MP21940-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP21940-SD1 for Barium, Calcium, Chromium, Cobalt, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Vanadium, Zinc: Serial dilution indicates possible matrix interference.
- MP21940-SD1 for Sodium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.

Metals By Method SW846 7471B

Matrix: SO	Batch ID: MP21949

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25514-1MS, MC25514-1MSD were used as the QC samples for metals.

Wet Chemistry By Method ASTM D1498-76M

Matrix: SO	Batch ID: GN44934

- Sample(s) MC25868-1DUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix: SO	Batch ID: GN44910

- Sample(s) MC25771-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 3060A/7196A

Matrix: SO	Batch ID: GP16818

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25786-4DUP, MC25786-4MS were used as the QC samples for Chromium, Hexavalent.

Wet Chemistry By Method SW846 6010/7196A M

Matrix: SO	Batch ID: R33955

- MC25786-4 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Wet Chemistry By Method SW846 9012 M

Matrix: SO	Batch ID: GP16817

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25786-4DUP, MC25786-4MS were used as the QC samples for Cyanide.

Wet Chemistry By Method SW846 9045D

Matrix: SO	Batch ID: GN44929

- Sample(s) MC25868-1DUP were used as the QC samples for pH.

VOC: Analysis is performed and evaluated by SW846 8260C.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC25786).

Summary of Hits

Job Number: MC25786
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 10/30/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC25786-1	**BCP-BOTTOM 22**					
Benzene		7.6	0.41	0.20	ug/kg	SW846 8260B
Ethylbenzene		1.7	1.7	0.15	ug/kg	SW846 8260B
n-Propylbenzene		0.31 J	4.1	0.20	ug/kg	SW846 8260B
Toluene		14.8	4.1	0.20	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		3.8 J	4.1	0.17	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		1.5 J	4.1	0.11	ug/kg	SW846 8260B
m,p-Xylene		9.6	1.7	0.24	ug/kg	SW846 8260B
o-Xylene		3.2	1.7	0.17	ug/kg	SW846 8260B
Xylene (total)		12.8	1.7	0.17	ug/kg	SW846 8260B
MC25786-2	**BCP-BOTTOM 23**					
Benzene		6.5	0.41	0.20	ug/kg	SW846 8260B
Ethylbenzene		1.5 J	1.7	0.15	ug/kg	SW846 8260B
n-Propylbenzene		0.30 J	4.1	0.20	ug/kg	SW846 8260B
Toluene		13.2	4.1	0.20	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		3.2 J	4.1	0.17	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		1.4 J	4.1	0.11	ug/kg	SW846 8260B
m,p-Xylene		7.9	1.7	0.24	ug/kg	SW846 8260B
o-Xylene		2.7	1.7	0.17	ug/kg	SW846 8260B
Xylene (total)		10.7	1.7	0.17	ug/kg	SW846 8260B
MC25786-3	**BCP-EAST WALL 2A**					
Benzene		7.8	0.41	0.20	ug/kg	SW846 8260B
Ethylbenzene		1.7	1.6	0.14	ug/kg	SW846 8260B
Isopropylbenzene		0.23 J	4.1	0.23	ug/kg	SW846 8260B
n-Propylbenzene		0.35 J	4.1	0.20	ug/kg	SW846 8260B
Toluene		15.5	4.1	0.20	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene		3.8 J	4.1	0.17	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene		1.6 J	4.1	0.11	ug/kg	SW846 8260B
m,p-Xylene		10.1	1.6	0.23	ug/kg	SW846 8260B
o-Xylene		3.4	1.6	0.17	ug/kg	SW846 8260B
Xylene (total)		13.4	1.6	0.17	ug/kg	SW846 8260B
MC25786-4	**BCP-EAST WALL COMPOSITE #1**					
Benzene		8.0	0.41	0.20	ug/kg	SW846 8260B
Carbon disulfide		0.59 J	4.1	0.13	ug/kg	SW846 8260B
Ethylbenzene		2.3	1.7	0.15	ug/kg	SW846 8260B
Isopropylbenzene		0.35 J	4.1	0.23	ug/kg	SW846 8260B
n-Propylbenzene		0.48 J	4.1	0.20	ug/kg	SW846 8260B
Toluene		17.8	4.1	0.20	ug/kg	SW846 8260B

Summary of Hits

Job Number: MC25786
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 10/30/13

Lab Sample ID Client Sample ID Analyte	Result/ Qual	RL	MDL	Units	Method
1,2,4-Trimethylbenzene	6.1	4.1	0.17	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	2.7 J	4.1	0.11	ug/kg	SW846 8260B
m,p-Xylene	13.5	1.7	0.24	ug/kg	SW846 8260B
o-Xylene	4.3	1.7	0.17	ug/kg	SW846 8260B
Xylene (total)	17.8	1.7	0.17	ug/kg	SW846 8260B
Aluminum	1930	17	3.1	mg/kg	SW846 6010C
Arsenic	1.1	0.87	0.18	mg/kg	SW846 6010C
Barium	6.5	4.4	0.063	mg/kg	SW846 6010C
Beryllium	0.078 B	0.35	0.021	mg/kg	SW846 6010C
Cadmium	0.17 B	0.35	0.037	mg/kg	SW846 6010C
Calcium	37000	440	5.5	mg/kg	SW846 6010C
Chromium	3.2	0.87	0.083	mg/kg	SW846 6010C
Cobalt	1.3 B	4.4	0.041	mg/kg	SW846 6010C
Copper	5.4	2.2	0.48	mg/kg	SW846 6010C
Iron	4600	8.7	0.76	mg/kg	SW846 6010C
Lead	5.9	0.87	0.15	mg/kg	SW846 6010C
Magnesium	17200	440	4.5	mg/kg	SW846 6010C
Manganese	166	1.3	0.035	mg/kg	SW846 6010C
Nickel	2.9 B	3.5	0.038	mg/kg	SW846 6010C
Potassium	452	440	7.5	mg/kg	SW846 6010C
Sodium	158 B	440	2.9	mg/kg	SW846 6010C
Vanadium	8.0	0.87	0.12	mg/kg	SW846 6010C
Zinc	60.0	1.7	0.14	mg/kg	SW846 6010C
Chromium, Trivalent [a]	3.0	1.3		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2	374			mv	ASTM D1498-76M
pH	8.5			su	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60924.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.59 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	7.6	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.7	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.31	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	14.8	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.8	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.5	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	9.6	1.7	0.24	ug/kg	
95-47-6	o-Xylene	3.2	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	12.8	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70116.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	73%		30-130%
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60925.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.67 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	6.5	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.80	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.5	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.30	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	13.2	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.2	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.4	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	7.9	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.7	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	10.7	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70117.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL 2A
Lab Sample ID: MC25786-3 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8260B **Percent Solids:** 83.7
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60926.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.32 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.2	3.2	ug/kg	
71-43-2	Benzene	7.8	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.30	ug/kg	
75-25-2	Bromoform	ND	1.6	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.79	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.95	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.6	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	0.99	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
100-41-4	Ethylbenzene	1.7	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.23	4.1	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EAST WALL 2A		
Lab Sample ID:	MC25786-3	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.64	ug/kg	
103-65-1	n-Propylbenzene	0.35	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.36	ug/kg	
108-88-3	Toluene	15.5	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.8	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.6	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.46	ug/kg	
	m,p-Xylene	10.1	1.6	0.23	ug/kg	
95-47-6	o-Xylene	3.4	1.6	0.17	ug/kg	
1330-20-7	Xylene (total)	13.4	1.6	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL 2A
Lab Sample ID: MC25786-3 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 83.7
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70118.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL COMPOSITE #1
Lab Sample ID: MC25786-4 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8260B **Percent Solids:** 91.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60927.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	6.64 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	8.0	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	0.59	4.1	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	2.3	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.1	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8260B	**Percent Solids:**	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.48	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	17.8	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.1	4.1	0.17	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.7	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	13.5	1.7	0.24	ug/kg	
95-47-6	o-Xylene	4.3	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	17.8	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70119.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	270	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	88	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	68	ug/kg	
95-48-7	2-Methylphenol	ND	540	22	ug/kg	
	3&4-Methylphenol	ND	540	26	ug/kg	
88-75-5	2-Nitrophenol	ND	540	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	38	ug/kg	
108-95-2	Phenol	ND	270	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	15	ug/kg	
106-47-8	4-Chloroaniline	ND	540	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	270	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL COMPOSITE #1
Lab Sample ID: MC25786-4 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 91.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	270	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	270	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	270	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	10	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	540	140	ug/kg	
67-72-1	Hexachloroethane	ND	270	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	270	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	540	14	ug/kg	
99-09-2	3-Nitroaniline	ND	540	30	ug/kg	
100-01-6	4-Nitroaniline	ND	540	14	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	270	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	16	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	57%		30-130%
4165-62-2	Phenol-d5	56%		30-130%
118-79-6	2,4,6-Tribromophenol	64%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	70%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL COMPOSITE #1
Lab Sample ID: MC25786-4 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 91.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38765.D	1	11/04/13	NK	11/01/13	OP35524	GBE2010
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.2	2.2	ug/kg	
319-84-6	alpha-BHC	ND	7.2	1.7	ug/kg	
319-85-7	beta-BHC	ND	7.2	2.4	ug/kg	
319-86-8	delta-BHC	ND	7.2	1.4	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.2	2.2	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.2	2.7	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.2	2.2	ug/kg	
60-57-1	Dieldrin	ND	7.2	2.3	ug/kg	
72-54-8	4,4'-DDD	ND	7.2	2.4	ug/kg	
72-55-9	4,4'-DDE	ND	7.2	3.0	ug/kg	
50-29-3	4,4'-DDT	ND	7.2	2.3	ug/kg	
72-20-8	Endrin	ND	7.2	2.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.2	2.4	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.2	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	7.2	2.8	ug/kg	
33213-65-9	Endosulfan-II	ND	7.2	2.3	ug/kg	
76-44-8	Heptachlor	ND	7.2	2.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.2	2.2	ug/kg	
72-43-5	Methoxychlor	ND	7.2	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	7.2	2.6	ug/kg	
8001-35-2	Toxaphene	ND	72	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	89%		30-150%
2051-24-3	Decachlorobiphenyl	120%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL COMPOSITE #1
Lab Sample ID: MC25786-4 **Date Sampled:** 10/30/13
Matrix: SO - Soil **Date Received:** 10/31/13
Method: SW846 8082 SW846 3546 **Percent Solids:** 91.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK31533.D	1	11/04/13	NK	11/01/13	OP35523	GBK1045
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	16	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	17	ug/kg	
53469-21-9	Aroclor 1242	ND	36	18	ug/kg	
12672-29-6	Aroclor 1248	ND	36	16	ug/kg	
11097-69-1	Aroclor 1254	ND	36	26	ug/kg	
11096-82-5	Aroclor 1260	ND	36	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		30-150%
877-09-8	Tetrachloro-m-xylene	100%		30-150%
2051-24-3	Decachlorobiphenyl	108%		30-150%
2051-24-3	Decachlorobiphenyl	119%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-EAST WALL COMPOSITE #1
Lab Sample ID: MC25786-4
Matrix: SO - Soil
Date Sampled: 10/30/13
Date Received: 10/31/13
Percent Solids: 91.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1930	17	3.1	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.13 U	0.87	0.13	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	1.1	0.87	0.18	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	6.5	4.4	0.063	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.078 B	0.35	0.021	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.17 B	0.35	0.037	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	37000	440	5.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	3.2	0.87	0.083	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	1.3 B	4.4	0.041	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	5.4	2.2	0.48	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	4600	8.7	0.76	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	5.9	0.87	0.15	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	17200	440	4.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	166	1.3	0.035	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.0097 U	0.033	0.0097	mg/kg	1	11/02/13	11/04/13	EM	SW846 7471B [1]	SW846 7471B [4]
Nickel	2.9 B	3.5	0.038	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	452	440	7.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.30 U	0.87	0.30	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.11 U	0.44	0.11	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	158 B	440	2.9	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.12 U	0.87	0.12	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	8.0	0.87	0.12	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	60.0	1.7	0.14	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA16329
(2) Instrument QC Batch: MA16333
(3) Prep QC Batch: MP21940
(4) Prep QC Batch: MP21949

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	**Date Sampled:**	10/30/13
Matrix:	SO - Soil	**Date Received:**	10/31/13
		Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	11/04/13 12:23	CF	SW846 3060A/7196A
Chromium, Trivalent [a]	3.0	1.3	mg/kg	1	11/04/13 12:23	CF	SW846 6010/7196A M
Cyanide	< 0.13	0.13	mg/kg	1	11/04/13 10:27	MA	SW846 9012 M
Redox Potential Vs H2	374		mv	1	11/01/13	CF	ASTM D1498-76M
Solids, Percent	91		%	1	11/01/13	HS	SM21 2540 B MOD.
pH	8.5		su	1	11/01/13	MA	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job # MC25786

Client / Reporting Information

Company Name	LCS
Street Address	40 LaRiviere Drive
City / State / Zip	Buffalo NY 14202
Project Contact / E-mail	Jeff Rowley
Phone # / Fax #	716-570-6848
Sampler(s) Name(s) / Phone #	Jeff Rowley

Project Information

Project Name	BCP
Street	233 South Elmwood Ave
City	Buffalo
Project#	12B2170.26
Client PO#	
Project Manager	Jeff Rowley

Billing Information (If different from Report to)

Company Name	
Street Address	
City / State / Zip	
Attention: / PO#	

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 STARS	8270 TCL	TAL Metals + Cyanide *	PCBs	Pesticides	LAB USE ONLY
-1	BCP-Bottom 22		10/30/13	13:30	JMR	SG	5					2		1		2	X	X					
-2	BCP-Bottom 23		10/30/13	15:45	JMR	SO	5					2		1		2	X	X					
-3	BCP-East Wall 2A		10/30/13	14:15	JMR	SO	5					2		1		2	X	X					
-4	BCP-East Wall Composite #1		10/30/13	15:15	JMR	SO	8					5		1		2	X		X	X	X	X	
																							13B, 1OF3

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Turnaround Time (Business days)

- ☐ Std. 10 Business Days
- ☐ Std. 5 Business Days (By Contract only)
- ☐ 5 Day *RUSH*
- ☐ 3 Day *EMERGENCY*
- ☒ 2 Day *EMERGENCY*
- ☐ 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- ☐ Commercial "A" (Level 1)
- ☐ Commercial "B" (Level 2)
- ☐ FULLT1 (Level 3+4)
- ☐ CT RCP
- ☐ MA MCP
- ☐ NYASP Category A
- ☒ NYASP Category B
- ☐ State Forms
- ☒ EDD Format NYSDEC Equis
- ☐ Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

*Please speiate cyanide!!

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	10/30/13 16:30	1 FX	2 FX	10-31-13 930	2 [signature]
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☒ Cooler Temp 3.1°C

5.1

5

MC25786: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC25786 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 10/31/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC25786: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

01/08/14

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC26304

Sampling Date: 11/14/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **57**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC26304

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
MC26304-1	11/14/13	08:55	JMR	11/15/13	SO	Soil	BCP-BOTTOM 35
MC26304-1D	11/14/13	08:55	JMR	11/15/13	SO	Soil Dup/MSD	BCP-BOTTOM 35
MC26304-1S	11/14/13	08:55	JMR	11/15/13	SO	Soil Matrix Spike	BCP-BOTTOM 35
MC26304-2	11/14/13	09:45	JMR	11/15/13	SO	Soil	BCP-BOTTOM 36
MC26304-3	11/14/13	13:00	JMR	11/15/13	SO	Soil	BCP-BOTTOM 37
MC26304-4	11/14/13	13:30	JMR	11/15/13	SO	Soil	BCP-BOTTOM 38
MC26304-5	11/14/13	09:30	JMR	11/15/13	SO	Soil	BCP-WEST WALL 4
MC26304-6	11/14/13	13:45	JMR	11/15/13	SO	Soil	BCP-WEST WALL 5
MC26304-7	11/14/13	14:15	JMR	11/15/13	SO	Soil	BCP-NORTH WALL 7
MC26304-8	11/14/13	14:30	JMR	11/15/13	SO	Soil	BCP-NORTH WALL 6
MC26304-9	11/14/13	14:40	JMR	11/15/13	SO	Soil	BCP-NORTH WALL COMPOSITE 2
MC26304-10	11/14/13	00:00	JMR	11/15/13	SO	Soil	BCP-IRM DUPLICATE 3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC26304
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	11/22/2013 4:28:35 PM

10 Sample(s) were collected on 11/14/2013 and were received at Accutest on 11/15/2013 properly preserved, at 0.6 Deg. C and intact. These Samples received an Accutest job number of MC26304. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix SO **Batch ID:** MSM2147

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC26304-1MS, MC26304-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC26304-9 for Tert Butyl Alcohol-D9: Outside control limits. Target analytes not associated with this internal standard.
- MC26304-1MS/MSD Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Bromomethane, Chloromethane, Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GCMS By Method SW846 8270D

Matrix SO **Batch ID:** OP35780

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC26304-1MS, MC26304-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- Matrix Spike Recovery(s) for 2,4-Dinitrophenol are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GC By Method SW846 8081

Matrix SO **Batch ID:** OP35785

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-9MS, MC26304-9MSD were used as the QC samples indicated.
- Blank Spike Recovery(s) for Endrin, Endrin aldehyde are outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8082

Matrix	SO	Batch ID:	OP35783

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-2MS, MC26304-2MSD were used as the QC samples indicated.

Metals By Method SW846 6010C

Matrix	SO	Batch ID:	MP22070

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JB53033-16AMSD, JB53033-16APS, JB53033-16ASDL, JB53033-16AMS, JB53033-16AMSD were used as the QC samples for metals.
- Matrix Spike Duplicate Recovery(s) for Antimony, Zinc are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity. Post spike within acceptable range.
- MS/MSD Recovery(s) for Iron, Aluminum are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Antimony, Arsenic are outside control limits for sample MP22070-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP22070-SD1 for Sodium: Serial Dilution RPD acceptable due to low duplicate and sample concentrations.
- MP22070-SD1 for Beryllium, Calcium, Chromium, Cobalt, Magnesium, Manganese, Nickel, Potassium, Vanadium, Zinc: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix	SO	Batch ID:	MP22061

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25964-1MS, MC25964-1MSD were used as the QC samples for metals.

Wet Chemistry By Method ASTM D1498-76M

Matrix	SO	Batch ID:	GN45127

- Sample(s) MC26304-9DUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix	SO	Batch ID:	GN45128

- Sample(s) MC26304-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 3060A/7196A

Matrix	SO	Batch ID:	GP16898

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-9DUP, MC26304-9MS were used as the QC samples for Chromium, Hexavalent.

Wet Chemistry By Method SW846 6010/7196A M

Matrix	SO	Batch ID:	R34086

- MC26304-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix	SO	Batch ID:	R34087

- MC26304-9 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Wet Chemistry By Method SW846 9012 M

Matrix	SO	Batch ID:	GP16896

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-9MS, MC26304-9DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP16896-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SW846 9045D

Matrix	SO	Batch ID:	GN45126

- Sample(s) MC26304-9DUP were used as the QC samples for pH.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC26304).

Summary of Hits

Job Number: MC26304
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/14/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC26304-1	**BCP-BOTTOM 35**					
Benzene		7.0	0.42	0.21	ug/kg	SW846 8260C
tert-Butylbenzene		0.36 J	4.2	0.30	ug/kg	SW846 8260C
Ethylbenzene		2.8	1.7	0.15	ug/kg	SW846 8260C
Isopropylbenzene		1.8 J	4.2	0.23	ug/kg	SW846 8260C
Naphthalene		3.7 J	4.2	0.66	ug/kg	SW846 8260C
n-Propylbenzene		5.5	4.2	0.20	ug/kg	SW846 8260C
Toluene		13.0	4.2	0.20	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		4.2	4.2	0.17	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.5 J	4.2	0.11	ug/kg	SW846 8260C
m,p-Xylene		9.8	1.7	0.24	ug/kg	SW846 8260C
o-Xylene		3.1	1.7	0.17	ug/kg	SW846 8260C
Xylene (total)		12.9	1.7	0.17	ug/kg	SW846 8260C
MC26304-2	**BCP-BOTTOM 36**					
Benzene		7.9	0.43	0.21	ug/kg	SW846 8260C
Carbon disulfide		0.33 J	4.3	0.13	ug/kg	SW846 8260C
Ethylbenzene		4.8	1.7	0.15	ug/kg	SW846 8260C
Isopropylbenzene		0.73 J	4.3	0.24	ug/kg	SW846 8260C
Naphthalene		1.2 J	4.3	0.67	ug/kg	SW846 8260C
n-Propylbenzene		2.8 J	4.3	0.21	ug/kg	SW846 8260C
Toluene		14.2	4.3	0.21	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		7.8	4.3	0.18	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.8 J	4.3	0.11	ug/kg	SW846 8260C
m,p-Xylene		12.9	1.7	0.24	ug/kg	SW846 8260C
o-Xylene		4.2	1.7	0.17	ug/kg	SW846 8260C
Xylene (total)		17.1	1.7	0.17	ug/kg	SW846 8260C
Aluminum		2020	21	3.8	mg/kg	SW846 6010C
Arsenic		1.3	1.1	0.22	mg/kg	SW846 6010C
Barium		32.2	5.3	0.076	mg/kg	SW846 6010C
Beryllium		0.084 B	0.42	0.025	mg/kg	SW846 6010C
Cadmium		0.22 B	0.42	0.044	mg/kg	SW846 6010C
Calcium		47700	530	6.6	mg/kg	SW846 6010C
Chromium		3.7	1.1	0.10	mg/kg	SW846 6010C
Cobalt		1.7 B	5.3	0.049	mg/kg	SW846 6010C
Copper		5.8	2.6	0.58	mg/kg	SW846 6010C
Iron		5400	11	0.91	mg/kg	SW846 6010C
Lead		5.2	1.1	0.18	mg/kg	SW846 6010C
Magnesium		21100	530	5.4	mg/kg	SW846 6010C
Manganese		181	1.6	0.042	mg/kg	SW846 6010C
Nickel		3.7 B	4.2	0.046	mg/kg	SW846 6010C
Potassium		545	530	9.0	mg/kg	SW846 6010C
Sodium		215 B	530	3.5	mg/kg	SW846 6010C

Summary of Hits

Job Number: MC26304
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/14/13

Lab Sample ID / Client Sample ID / Analyte	Result/ Qual	RL	MDL	Units	Method
Vanadium	8.3	1.1	0.14	mg/kg	SW846 6010C
Zinc	85.8	2.1	0.17	mg/kg	SW846 6010C
Chromium, Trivalent [a]	3.7	1.6		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2	341			mv	ASTM D1498-76M
pH	7.8			su	SW846 9045D
MC26304-3 BCP-BOTTOM 37					
Benzene	5.1	0.37	0.18	ug/kg	SW846 8260C
Ethylbenzene	1.2 J	1.5	0.13	ug/kg	SW846 8260C
n-Propylbenzene	0.24 J	3.7	0.18	ug/kg	SW846 8260C
Toluene	9.8	3.7	0.18	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	2.9 J	3.7	0.15	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	1.1 J	3.7	0.095	ug/kg	SW846 8260C
m,p-Xylene	6.5	1.5	0.21	ug/kg	SW846 8260C
o-Xylene	2.2	1.5	0.15	ug/kg	SW846 8260C
Xylene (total)	8.7	1.5	0.15	ug/kg	SW846 8260C
MC26304-4 BCP-BOTTOM 38					
Benzene	13.2	0.36	0.18	ug/kg	SW846 8260C
Ethylbenzene	1.9	1.5	0.13	ug/kg	SW846 8260C
Isopropylbenzene	0.35 J	3.6	0.20	ug/kg	SW846 8260C
Naphthalene	1.1 J	3.6	0.57	ug/kg	SW846 8260C
n-Propylbenzene	0.70 J	3.6	0.18	ug/kg	SW846 8260C
Toluene	13.2	3.6	0.18	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	6.4	3.6	0.15	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	2.5 J	3.6	0.094	ug/kg	SW846 8260C
m,p-Xylene	10.5	1.5	0.21	ug/kg	SW846 8260C
o-Xylene	5.0	1.5	0.15	ug/kg	SW846 8260C
Xylene (total)	15.5	1.5	0.15	ug/kg	SW846 8260C
MC26304-5 BCP-WEST WALL 4					
Benzene	8.8	0.37	0.18	ug/kg	SW846 8260C
sec-Butylbenzene	0.59 J	3.7	0.12	ug/kg	SW846 8260C
Chloroform	0.74 J	1.5	0.22	ug/kg	SW846 8260C
Ethylbenzene	5.1	1.5	0.13	ug/kg	SW846 8260C
Isopropylbenzene	0.98 J	3.7	0.21	ug/kg	SW846 8260C
Naphthalene	2.5 J	3.7	0.59	ug/kg	SW846 8260C
n-Propylbenzene	3.5 J	3.7	0.18	ug/kg	SW846 8260C
Toluene	20.7	3.7	0.18	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene	12.4	3.7	0.15	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene	4.2	3.7	0.096	ug/kg	SW846 8260C
m,p-Xylene	24.9	1.5	0.21	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC26304
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/14/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
o-Xylene		9.7	1.5	0.15	ug/kg	SW846 8260C
Xylene (total)		34.6	1.5	0.15	ug/kg	SW846 8260C
MC26304-6	**BCP-WEST WALL 5**					
Benzene		6.8	0.40	0.20	ug/kg	SW846 8260C
sec-Butylbenzene		1.4 J	4.0	0.13	ug/kg	SW846 8260C
tert-Butylbenzene		0.37 J	4.0	0.28	ug/kg	SW846 8260C
Ethylbenzene		1.8	1.6	0.14	ug/kg	SW846 8260C
Isopropylbenzene		0.41 J	4.0	0.22	ug/kg	SW846 8260C
n-Propylbenzene		0.35 J	4.0	0.19	ug/kg	SW846 8260C
Toluene		13.7	4.0	0.19	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		3.7 J	4.0	0.16	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.5 J	4.0	0.10	ug/kg	SW846 8260C
m,p-Xylene		9.4	1.6	0.23	ug/kg	SW846 8260C
o-Xylene		2.9	1.6	0.16	ug/kg	SW846 8260C
Xylene (total)		12.3	1.6	0.16	ug/kg	SW846 8260C
MC26304-7	**BCP-NORTH WALL 7**					
Benzene		10.9	0.42	0.21	ug/kg	SW846 8260C
Carbon disulfide		0.27 J	4.2	0.13	ug/kg	SW846 8260C
Ethylbenzene		1.4 J	1.7	0.15	ug/kg	SW846 8260C
Isopropylbenzene		0.28 J	4.2	0.23	ug/kg	SW846 8260C
n-Propylbenzene		0.31 J	4.2	0.20	ug/kg	SW846 8260C
Toluene		12.5	4.2	0.20	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		3.4 J	4.2	0.17	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.4 J	4.2	0.11	ug/kg	SW846 8260C
m,p-Xylene		8.2	1.7	0.24	ug/kg	SW846 8260C
o-Xylene		2.7	1.7	0.17	ug/kg	SW846 8260C
Xylene (total)		10.9	1.7	0.17	ug/kg	SW846 8260C
MC26304-8	**BCP-NORTH WALL 6**					
Benzene		6.2	0.38	0.19	ug/kg	SW846 8260C
Ethylbenzene		2.1	1.5	0.14	ug/kg	SW846 8260C
Isopropylbenzene		0.78 J	3.8	0.21	ug/kg	SW846 8260C
n-Propylbenzene		0.31 J	3.8	0.18	ug/kg	SW846 8260C
Toluene		11.5	3.8	0.19	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		3.1 J	3.8	0.16	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.3 J	3.8	0.098	ug/kg	SW846 8260C
m,p-Xylene		8.0	1.5	0.22	ug/kg	SW846 8260C
o-Xylene		2.5	1.5	0.16	ug/kg	SW846 8260C
Xylene (total)		10.5	1.5	0.16	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC26304
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/14/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC26304-9	**BCP-NORTH WALL COMPOSITE 2**					
Benzene		8.2	0.42	0.21	ug/kg	SW846 8260C
Carbon disulfide		0.56 J	4.2	0.13	ug/kg	SW846 8260C
Ethylbenzene		1.3 J	1.7	0.15	ug/kg	SW846 8260C
Isopropylbenzene		0.25 J	4.2	0.24	ug/kg	SW846 8260C
n-Propylbenzene		0.26 J	4.2	0.20	ug/kg	SW846 8260C
Toluene		11.3	4.2	0.21	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		1.9 J	4.2	0.17	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.1 J	4.2	0.11	ug/kg	SW846 8260C
m,p-Xylene		5.8	1.7	0.24	ug/kg	SW846 8260C
o-Xylene		2.6	1.7	0.17	ug/kg	SW846 8260C
Xylene (total)		8.4	1.7	0.17	ug/kg	SW846 8260C
4-Bromophenyl phenyl ether		38.6 J	260	13	ug/kg	SW846 8270D
Aluminum		2100	18	3.2	mg/kg	SW846 6010C
Arsenic		1.2	0.89	0.19	mg/kg	SW846 6010C
Barium		18.4	4.5	0.065	mg/kg	SW846 6010C
Beryllium		0.089 B	0.36	0.021	mg/kg	SW846 6010C
Cadmium		0.15 B	0.36	0.038	mg/kg	SW846 6010C
Calcium		47400	450	5.6	mg/kg	SW846 6010C
Chromium		3.5	0.89	0.085	mg/kg	SW846 6010C
Cobalt		1.7 B	4.5	0.042	mg/kg	SW846 6010C
Copper		5.4	2.2	0.49	mg/kg	SW846 6010C
Iron		5300	8.9	0.78	mg/kg	SW846 6010C
Lead		6.1	0.89	0.15	mg/kg	SW846 6010C
Magnesium		21800	450	4.6	mg/kg	SW846 6010C
Manganese		188	1.3	0.036	mg/kg	SW846 6010C
Mercury		0.011 B	0.033	0.0095	mg/kg	SW846 7471B
Nickel		3.7	3.6	0.039	mg/kg	SW846 6010C
Potassium		529	450	7.6	mg/kg	SW846 6010C
Sodium		183 B	450	3.0	mg/kg	SW846 6010C
Vanadium		8.3	0.89	0.12	mg/kg	SW846 6010C
Zinc		63.8	1.8	0.14	mg/kg	SW846 6010C
Chromium, Trivalent [a]		3.5	1.3		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2		346			mv	ASTM D1498-76M
pH		7.9			su	SW846 9045D
MC26304-10	**BCP-IRM DUPLICATE 3**					
Benzene		10.1	0.46	0.23	ug/kg	SW846 8260C
sec-Butylbenzene		0.67 J	4.6	0.15	ug/kg	SW846 8260C
Chloroform		1.1 J	1.9	0.27	ug/kg	SW846 8260C
Ethylbenzene		5.9	1.9	0.16	ug/kg	SW846 8260C
Isopropylbenzene		1.1 J	4.6	0.26	ug/kg	SW846 8260C
Naphthalene		3.4 J	4.6	0.73	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC26304
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/14/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
n-Propylbenzene		3.1 J	4.6	0.22	ug/kg	SW846 8260C
Toluene		25.1	4.6	0.23	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		16.0	4.6	0.19	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		6.1	4.6	0.12	ug/kg	SW846 8260C
m,p-Xylene		32.0	1.9	0.26	ug/kg	SW846 8260C
o-Xylene		12.8	1.9	0.19	ug/kg	SW846 8260C
Xylene (total)		44.9	1.9	0.19	ug/kg	SW846 8260C

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61510.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.53 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	7.0	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	0.36	4.2	0.30	ug/kg	J
75-15-0	Carbon disulfide	ND	4.2	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	2.8	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	1.8	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	3.7	4.2	0.66	ug/kg	J
103-65-1	n-Propylbenzene	5.5	4.2	0.20	ug/kg	
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	13.0	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.2	4.2	0.17	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	1.5	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.48	ug/kg	
	m,p-Xylene	9.8	1.7	0.24	ug/kg	
95-47-6	o-Xylene	3.1	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	12.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35022.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	19	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	14	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
85-01-8	Phenanthrene	ND	120	17	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	67%		30-130%
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61511.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.5	3.3	ug/kg	
71-43-2	Benzene	7.9	0.43	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.31	ug/kg	
75-25-2	Bromoform	ND	1.7	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.3	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.3	0.15	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.3	0.14	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.3	0.30	ug/kg	
75-15-0	Carbon disulfide	0.33	4.3	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.99	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.3	0.51	ug/kg	
67-66-3	Chloroform	ND	1.7	0.25	ug/kg	
74-87-3	Chloromethane	ND	4.3	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
100-41-4	Ethylbenzene	4.8	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.3	2.1	ug/kg	
98-82-8	Isopropylbenzene	0.73	4.3	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.3	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.3	1.6	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1.2	4.3	0.67	ug/kg	J
103-65-1	n-Propylbenzene	2.8	4.3	0.21	ug/kg	J
100-42-5	Styrene	ND	4.3	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.38	ug/kg	
108-88-3	Toluene	14.2	4.3	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.30	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	7.8	4.3	0.18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	1.8	4.3	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.49	ug/kg	
	m,p-Xylene	12.9	1.7	0.24	ug/kg	
95-47-6	o-Xylene	4.2	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	17.1	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-BOTTOM 36
Lab Sample ID: MC26304-2 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 78.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35023.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	320	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	640	16	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	640	18	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	640	100	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	640	79	ug/kg	
95-48-7	2-Methylphenol	ND	640	25	ug/kg	
	3&4-Methylphenol	ND	640	31	ug/kg	
88-75-5	2-Nitrophenol	ND	640	17	ug/kg	
100-02-7	4-Nitrophenol	ND	1300	120	ug/kg	
87-86-5	Pentachlorophenol	ND	640	45	ug/kg	
108-95-2	Phenol	ND	320	18	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	640	16	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	640	16	ug/kg	
83-32-9	Acenaphthene	ND	130	17	ug/kg	
208-96-8	Acenaphthylene	ND	130	13	ug/kg	
120-12-7	Anthracene	ND	130	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	130	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	130	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	130	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	130	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	130	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	320	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	320	13	ug/kg	
91-58-7	2-Chloronaphthalene	ND	320	17	ug/kg	
106-47-8	4-Chloroaniline	ND	640	16	ug/kg	
86-74-8	Carbazole	ND	130	15	ug/kg	
218-01-9	Chrysene	ND	130	16	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	320	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	320	19	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	320	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	320	19	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-BOTTOM 36
Lab Sample ID: MC26304-2 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 78.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	320	16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	320	18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	320	17	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	640	42	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	640	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	320	32	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	130	15	ug/kg	
132-64-9	Dibenzofuran	ND	130	18	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	320	34	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	320	9.9	ug/kg	
84-66-2	Diethyl phthalate	ND	320	16	ug/kg	
131-11-3	Dimethyl phthalate	ND	320	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	320	12	ug/kg	
206-44-0	Fluoranthene	ND	130	17	ug/kg	
86-73-7	Fluorene	ND	130	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	320	20	ug/kg	
87-68-3	Hexachlorobutadiene	ND	320	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	640	160	ug/kg	
67-72-1	Hexachloroethane	ND	320	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	14	ug/kg	
78-59-1	Isophorone	ND	320	15	ug/kg	
91-57-6	2-Methylnaphthalene	ND	130	16	ug/kg	
88-74-4	2-Nitroaniline	ND	640	16	ug/kg	
99-09-2	3-Nitroaniline	ND	640	35	ug/kg	
100-01-6	4-Nitroaniline	ND	640	16	ug/kg	
91-20-3	Naphthalene	ND	130	20	ug/kg	
98-95-3	Nitrobenzene	ND	320	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	320	18	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	320	19	ug/kg	
85-01-8	Phenanthrene	ND	130	17	ug/kg	
129-00-0	Pyrene	ND	130	15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	320	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		30-130%
4165-62-2	Phenol-d5	78%		30-130%
118-79-6	2,4,6-Tribromophenol	84%		30-130%
4165-60-0	Nitrobenzene-d5	82%		30-130%
321-60-8	2-Fluorobiphenyl	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	92%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-BOTTOM 36
Lab Sample ID: MC26304-2 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 78.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39114.D	1	11/19/13	NK	11/16/13	OP35785	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	6.3	1.9	ug/kg	
319-84-6	alpha-BHC	ND	6.3	1.5	ug/kg	
319-85-7	beta-BHC	ND	6.3	2.1	ug/kg	
319-86-8	delta-BHC	ND	6.3	1.2	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.3	1.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.3	2.4	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.3	1.9	ug/kg	
60-57-1	Dieldrin	ND	6.3	2.0	ug/kg	
72-54-8	4,4'-DDD	ND	6.3	2.1	ug/kg	
72-55-9	4,4'-DDE	ND	6.3	2.6	ug/kg	
50-29-3	4,4'-DDT	ND	6.3	2.0	ug/kg	
72-20-8	Endrin	ND	6.3	2.5	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.3	2.1	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.3	2.0	ug/kg	
959-98-8	Endosulfan-I	ND	6.3	2.5	ug/kg	
33213-65-9	Endosulfan-II	ND	6.3	2.0	ug/kg	
76-44-8	Heptachlor	ND	6.3	1.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.3	2.0	ug/kg	
72-43-5	Methoxychlor	ND	6.3	2.5	ug/kg	
53494-70-5	Endrin ketone	ND	6.3	2.3	ug/kg	
8001-35-2	Toxaphene	ND	63	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	98%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52562.D	1	11/19/13	CZ	11/16/13	OP35783	GBB3078
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	32	14	ug/kg	
11104-28-2	Aroclor 1221	ND	32	19	ug/kg	
11141-16-5	Aroclor 1232	ND	32	15	ug/kg	
53469-21-9	Aroclor 1242	ND	32	16	ug/kg	
12672-29-6	Aroclor 1248	ND	32	14	ug/kg	
11097-69-1	Aroclor 1254	ND	32	23	ug/kg	
11096-82-5	Aroclor 1260	ND	32	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-BOTTOM 36
Lab Sample ID: MC26304-2
Matrix: SO - Soil
Date Sampled: 11/14/13
Date Received: 11/15/13
Percent Solids: 78.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2020	21	3.8	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.3	1.1	0.22	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	32.2	5.3	0.076	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.084 B	0.42	0.025	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.22 B	0.42	0.044	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47700	530	6.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.7	1.1	0.10	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B	5.3	0.049	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.8	2.6	0.58	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5400	11	0.91	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	5.2	1.1	0.18	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21100	530	5.4	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	181	1.6	0.042	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.0098 U	0.034	0.0098	mg/kg	1	11/16/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.7 B	4.2	0.046	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	545	530	9.0	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.36 U	1.1	0.36	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	215 B	530	3.5	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.3	1.1	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	85.8	2.1	0.17	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16398
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22061
(4) Prep QC Batch: MP22070

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
		Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.51	0.51	mg/kg	1	11/19/13 13:50	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	3.7	1.6	mg/kg	1	11/19/13 13:50	MC	SW846 6010/7196A M
Cyanide	< 0.15	0.15	mg/kg	1	11/19/13 12:34	MA	SW846 9012 M
Redox Potential Vs H2	341		mv	1	11/15/13	CF	ASTM D1498-76M
Solids, Percent	78		%	1	11/15/13	MC	SM21 2540 B MOD.
pH	7.8		su	1	11/15/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61512.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.09 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.3	2.9	ug/kg	
71-43-2	Benzene	5.1	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
100-41-4	Ethylbenzene	1.2	1.5	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.20	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.7	0.58	ug/kg	
103-65-1	n-Propylbenzene	0.24	3.7	0.18	ug/kg	J
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.32	ug/kg	
108-88-3	Toluene	9.8	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.25	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.9	3.7	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	3.7	0.095	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	6.5	1.5	0.21	ug/kg	
95-47-6	o-Xylene	2.2	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	8.7	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35024.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 38		
Lab Sample ID:	MC26304-4	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	84.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61513.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.07 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.3	2.8	ug/kg	
71-43-2	Benzene	13.2	0.36	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.26	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.6	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.6	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.6	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.6	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
100-41-4	Ethylbenzene	1.9	1.5	0.13	ug/kg	
591-78-6	2-Hexanone	ND	3.6	1.8	ug/kg	
98-82-8	Isopropylbenzene	0.35	3.6	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.6	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.6	1.3	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-BOTTOM 38
Lab Sample ID: MC26304-4 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 84.9
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1.1	3.6	0.57	ug/kg	J
103-65-1	n-Propylbenzene	0.70	3.6	0.18	ug/kg	J
100-42-5	Styrene	ND	3.6	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.32	ug/kg	
108-88-3	Toluene	13.2	3.6	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.25	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.4	3.6	0.15	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.5	3.6	0.094	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	10.5	1.5	0.21	ug/kg	
95-47-6	o-Xylene	5.0	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	15.5	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-BOTTOM 38		
Lab Sample ID:	MC26304-4	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	84.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35025.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	15	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	17	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		30-130%
321-60-8	2-Fluorobiphenyl	83%		30-130%
1718-51-0	Terphenyl-d14	96%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-WEST WALL 4		
Lab Sample ID:	MC26304-5	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	84.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61514.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.95 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.5	2.9	ug/kg	
71-43-2	Benzene	8.8	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.22	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.73	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	0.59	3.7	0.12	ug/kg	J
98-06-6	tert-Butylbenzene	ND	3.7	0.27	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.45	ug/kg	
67-66-3	Chloroform	0.74	1.5	0.22	ug/kg	J
74-87-3	Chloromethane	ND	3.7	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	5.1	1.5	0.13	ug/kg	
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	0.98	3.7	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-WEST WALL 4
Lab Sample ID: MC26304-5 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 84.3
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	2.5	3.7	0.59	ug/kg	J
103-65-1	n-Propylbenzene	3.5	3.7	0.18	ug/kg	J
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.33	ug/kg	
108-88-3	Toluene	20.7	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	12.4	3.7	0.15	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	4.2	3.7	0.096	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	24.9	1.5	0.21	ug/kg	
95-47-6	o-Xylene	9.7	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	34.6	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-WEST WALL 4		
Lab Sample ID:	MC26304-5	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	84.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35026.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	57%		30-130%
1718-51-0	Terphenyl-d14	75%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-WEST WALL 5		
Lab Sample ID:	MC26304-6	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61515.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.27 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.0	3.1	ug/kg	
71-43-2	Benzene	6.8	0.40	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.23	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.78	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.0	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.0	0.14	ug/kg	
135-98-8	sec-Butylbenzene	1.4	4.0	0.13	ug/kg	J
98-06-6	tert-Butylbenzene	0.37	4.0	0.28	ug/kg	J
75-15-0	Carbon disulfide	ND	4.0	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.92	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.21	ug/kg	
75-00-3	Chloroethane	ND	4.0	0.48	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.0	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.35	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
100-41-4	Ethylbenzene	1.8	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.0	1.9	ug/kg	
98-82-8	Isopropylbenzene	0.41	4.0	0.22	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.0	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-WEST WALL 5
Lab Sample ID: MC26304-6 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.0	0.63	ug/kg	
103-65-1	n-Propylbenzene	0.35	4.0	0.19	ug/kg	J
100-42-5	Styrene	ND	4.0	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.23	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.35	ug/kg	
108-88-3	Toluene	13.7	4.0	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.7	4.0	0.16	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.5	4.0	0.10	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.45	ug/kg	
	m,p-Xylene	9.4	1.6	0.23	ug/kg	
95-47-6	o-Xylene	2.9	1.6	0.16	ug/kg	
1330-20-7	Xylene (total)	12.3	1.6	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-WEST WALL 5		
Lab Sample ID:	MC26304-6	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35027.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	73%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL 7		
Lab Sample ID:	MC26304-7	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61516.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.02 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	10.9	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	0.27	4.2	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.4	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.28	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL 7
Lab Sample ID: MC26304-7 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 85.7
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.31	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	12.5	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.4	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.4	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	8.2	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.7	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	10.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL 7
Lab Sample ID: MC26304-7 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 85.7
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35028.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		30-130%
321-60-8	2-Fluorobiphenyl	81%		30-130%
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL 6
Lab Sample ID: MC26304-8 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 85.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61517.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.73 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.6	3.0	ug/kg	
71-43-2	Benzene	6.2	0.38	0.19	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.28	ug/kg	
75-25-2	Bromoform	ND	1.5	0.22	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.8	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	3.8	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.8	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.8	0.27	ug/kg	
75-15-0	Carbon disulfide	ND	3.8	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.88	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.21	ug/kg	
75-00-3	Chloroethane	ND	3.8	0.46	ug/kg	
67-66-3	Chloroform	ND	1.5	0.22	ug/kg	
74-87-3	Chloromethane	ND	3.8	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.34	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	2.1	1.5	0.14	ug/kg	
591-78-6	2-Hexanone	ND	3.8	1.9	ug/kg	
98-82-8	Isopropylbenzene	0.78	3.8	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.8	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.8	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL 6		
Lab Sample ID:	MC26304-8	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	85.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.8	0.60	ug/kg	
103-65-1	n-Propylbenzene	0.31	3.8	0.18	ug/kg	J
100-42-5	Styrene	ND	3.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.34	ug/kg	
108-88-3	Toluene	11.5	3.8	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.36	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.1	3.8	0.16	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.3	3.8	0.098	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.43	ug/kg	
	m,p-Xylene	8.0	1.5	0.22	ug/kg	
95-47-6	o-Xylene	2.5	1.5	0.16	ug/kg	
1330-20-7	Xylene (total)	10.5	1.5	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL 6
Lab Sample ID: MC26304-8 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 85.0
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35029.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	82%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61518.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	6.49 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	8.2	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.31	ug/kg	
75-25-2	Bromoform	ND	1.7	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.15	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	0.56	4.2	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.98	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.51	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
100-41-4	Ethylbenzene	1.3	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.1	ug/kg	
98-82-8	Isopropylbenzene	0.25	4.2	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.6	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL COMPOSITE 2
Lab Sample ID: MC26304-9 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 91.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.66	ug/kg	
103-65-1	n-Propylbenzene	0.26	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	11.3	4.2	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.9	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.48	ug/kg	
	m,p-Xylene	5.8	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.6	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	8.4	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35030.D	1	11/20/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	260	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	530	13	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	530	15	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	530	86	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	530	66	ug/kg	
95-48-7	2-Methylphenol	ND	530	21	ug/kg	
	3&4-Methylphenol	ND	530	26	ug/kg	
88-75-5	2-Nitrophenol	ND	530	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	99	ug/kg	
87-86-5	Pentachlorophenol	ND	530	37	ug/kg	
108-95-2	Phenol	ND	260	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	530	13	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	530	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	13	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	38.6	260	13	ug/kg	J
85-68-7	Butyl benzyl phthalate	ND	260	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	14	ug/kg	
106-47-8	4-Chloroaniline	ND	530	13	ug/kg	
86-74-8	Carbazole	ND	110	12	ug/kg	
218-01-9	Chrysene	ND	110	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	16	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL COMPOSITE 2
Lab Sample ID: MC26304-9 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 91.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	530	35	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	530	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	28	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	260	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	15	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	9.8	ug/kg	
206-44-0	Fluoranthene	ND	110	14	ug/kg	
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	530	130	ug/kg	
67-72-1	Hexachloroethane	ND	260	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	260	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	13	ug/kg	
88-74-4	2-Nitroaniline	ND	530	13	ug/kg	
99-09-2	3-Nitroaniline	ND	530	29	ug/kg	
100-01-6	4-Nitroaniline	ND	530	13	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	260	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	16	ug/kg	
85-01-8	Phenanthrene	ND	110	14	ug/kg	
129-00-0	Pyrene	ND	110	12	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		30-130%
4165-62-2	Phenol-d5	48%		30-130%
118-79-6	2,4,6-Tribromophenol	48%		30-130%
4165-60-0	Nitrobenzene-d5	51%		30-130%
321-60-8	2-Fluorobiphenyl	51%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	57%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8081 SW846 3546	**Percent Solids:**	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39115.D	1	11/19/13	NK	11/16/13	OP35785	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.4	1.6	ug/kg	
319-84-6	alpha-BHC	ND	5.4	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.4	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.4	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.4	1.6	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.4	2.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.4	1.6	ug/kg	
60-57-1	Dieldrin	ND	5.4	1.7	ug/kg	
72-54-8	4,4'-DDD	ND	5.4	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.4	2.2	ug/kg	
50-29-3	4,4'-DDT	ND	5.4	1.7	ug/kg	
72-20-8	Endrin	ND	5.4	2.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.4	1.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.4	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.4	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	5.4	1.7	ug/kg	
76-44-8	Heptachlor	ND	5.4	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.4	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.4	2.1	ug/kg	
53494-70-5	Endrin ketone	ND	5.4	2.0	ug/kg	
8001-35-2	Toxaphene	ND	54	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	64%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8082 SW846 3546	**Percent Solids:**	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52563.D	1	11/19/13	CZ	11/16/13	OP35783	GBB3078
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	27	12	ug/kg	
11104-28-2	Aroclor 1221	ND	27	16	ug/kg	
11141-16-5	Aroclor 1232	ND	27	13	ug/kg	
53469-21-9	Aroclor 1242	ND	27	13	ug/kg	
12672-29-6	Aroclor 1248	ND	27	12	ug/kg	
11097-69-1	Aroclor 1254	ND	27	20	ug/kg	
11096-82-5	Aroclor 1260	ND	27	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	91%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-NORTH WALL COMPOSITE 2
Lab Sample ID: MC26304-9
Matrix: SO - Soil
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Date Sampled: 11/14/13
Date Received: 11/15/13
Percent Solids: 91.2

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2100	18	3.2	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.13 U	0.89	0.13	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.2	0.89	0.19	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	18.4	4.5	0.065	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.089 B	0.36	0.021	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.15 B	0.36	0.038	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47400	450	5.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.5	0.89	0.085	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B	4.5	0.042	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.4	2.2	0.49	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5300	8.9	0.78	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	6.1	0.89	0.15	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21800	450	4.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	188	1.3	0.036	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.011 B	0.033	0.0095	mg/kg	1	11/16/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.7	3.6	0.039	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	529	450	7.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.31 U	0.89	0.31	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.11 U	0.45	0.11	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	183 B	450	3.0	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.12 U	0.89	0.12	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.3	0.89	0.12	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	63.8	1.8	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16398
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22061
(4) Prep QC Batch: MP22070

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
		Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.43	0.43	mg/kg	1	11/19/13 13:50	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	3.5	1.3	mg/kg	1	11/19/13 13:50	MC	SW846 6010/7196A M
Cyanide	< 0.13	0.13	mg/kg	1	11/19/13 12:17	MA	SW846 9012 M
Redox Potential Vs H2	346		mv	1	11/15/13	CF	ASTM D1498-76M
Solids, Percent	91.2		%	1	11/15/13	MC	SM21 2540 B MOD.
pH	7.9		su	1	11/15/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP-IRM DUPLICATE 3		
Lab Sample ID:	MC26304-10	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8260C	**Percent Solids:**	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61519.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	6.79 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.3	3.6	ug/kg	
71-43-2	Benzene	10.1	0.46	0.23	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.34	ug/kg	
75-25-2	Bromoform	ND	1.9	0.27	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.6	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.16	ug/kg	
135-98-8	sec-Butylbenzene	0.67	4.6	0.15	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.6	0.33	ug/kg	
75-15-0	Carbon disulfide	ND	4.6	0.14	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.6	0.56	ug/kg	
67-66-3	Chloroform	1.1	1.9	0.27	ug/kg	J
74-87-3	Chloromethane	ND	4.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.39	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.31	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.48	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.41	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.9	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.27	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.27	ug/kg	
100-41-4	Ethylbenzene	5.9	1.9	0.16	ug/kg	
591-78-6	2-Hexanone	ND	4.6	2.3	ug/kg	
98-82-8	Isopropylbenzene	1.1	4.6	0.26	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.9	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6	1.7	ug/kg	
75-09-2	Methylene chloride	ND	1.9	1.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP-IRM DUPLICATE 3
Lab Sample ID: MC26304-10 **Date Sampled:** 11/14/13
Matrix: SO - Soil **Date Received:** 11/15/13
Method: SW846 8260C **Percent Solids:** 79.5
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	3.4	4.6	0.73	ug/kg	J
103-65-1	n-Propylbenzene	3.1	4.6	0.22	ug/kg	J
100-42-5	Styrene	ND	4.6	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.27	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.41	ug/kg	
108-88-3	Toluene	25.1	4.6	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.44	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	16.0	4.6	0.19	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	6.1	4.6	0.12	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.53	ug/kg	
	m,p-Xylene	32.0	1.9	0.26	ug/kg	
95-47-6	o-Xylene	12.8	1.9	0.19	ug/kg	
1330-20-7	Xylene (total)	44.9	1.9	0.19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP-IRM DUPLICATE 3		
Lab Sample ID:	MC26304-10	**Date Sampled:**	11/14/13
Matrix:	SO - Soil	**Date Received:**	11/15/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35031.D	1	11/20/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	130	17	ug/kg	
208-96-8	Acenaphthylene	ND	130	13	ug/kg	
120-12-7	Anthracene	ND	130	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	130	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	130	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	130	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	130	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	130	19	ug/kg	
218-01-9	Chrysene	ND	130	16	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	130	15	ug/kg	
206-44-0	Fluoranthene	ND	130	17	ug/kg	
86-73-7	Fluorene	ND	130	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	14	ug/kg	
91-20-3	Naphthalene	ND	130	20	ug/kg	
85-01-8	Phenanthrene	ND	130	17	ug/kg	
129-00-0	Pyrene	ND	130	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: MC26304

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere Dr.
City: Buffalo State: NY Zip: 14207
Project Contact: Jeff Rowley E-mail:
Phone #: 716-570-6848 Fax #:
Sampler(s) Name(s): Jeff Rowley Phone #:

Project Information

Project Name: BCP
Street: 233 South Elmwood Ave
City: Buffalo
Project#: 132170.16 / BCP ID C915271
Client PO#:
Project Manager: Jeff Rowley

Billing Information (If different from Report to)

Company Name:
Street Address:
City State Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

8260 TCL + STARS
6010 STARS
8270 TCL
PCBs
Pesticides
TAL Metals + Cyanide

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL- Sludge
SED-Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB-Field Blank
EB- Equipment Blank
RB- Rinse Blank
TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	6010 STARS	8270 TCL	PCBs	Pesticides	TAL Metals + Cyanide	LAB USE ONLY
-1	BCP-Bottom 35		11/14/13	9:55	SMR	SO	5					2	1		2		X	X					
-2	BCP-Bottom 36		11/14/13	9:45	SMR	SO	8					5	1		2		X		X	X	X	X	
-3	BCP-Bottom 37		11/14/13	13:00	SMR	SO	5					2	1		2		X	X					
-4	BCP-Bottom 38		11/14/13	13:30	SMR	SO	5					2	1		2		X	X					
-5	BCP-West Wall 4		11/14/13	9:30	SMR	SO	5					2	1		2		X	X					
-6	BCP-West Wall 5		11/14/13	13:45	SMR	SO	5					2	1		2		X	X					
-7	BCP-North Wall 5		11/14/13	14:15	SMR	SO	5					2	1		2		X	X					
-8	BCP-North Wall 6		11/14/13	14:30	SMR	SO	5					2	1		2		X	X					
-9	BCP-North Wall Composite 2		11/14/13	14:40	SMR	SO	8					5	1		2		X		X	X	X	X	
-15	BCP-Bottom 35 MS		11/14/13	8:55	SMR	SO	5					2	1		2		X	X					10C, 10L2
-15D	BCP Bottom 35 MSD		11/14/13	8:55	SMR	SO	5					2	1		2		X	X					
-10	BCP-TRM-Duplicate 3		11/14/13	—	SMR	SO	5					2	1		2		X	X					

North wall 7

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [x] 2 Day *EMERGENCY*
- [ ] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format DEC Excel
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

*Please specicte chromium)

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1	16:15 11/14/13	1	2	11-15-13 920	2
Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3		3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not Intact	Preserved where applicable	On Ice	Cooler Temp.
5		5					0.6°

5.1 5

MC26304: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC26304 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 11/15/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC26304: Chain of Custody
Page 2 of 2

New England ACCUTEST LABORATORIES

12/07/13

Technical Report for

Lender Consulting Services, Inc.

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

12B2170.26 / BCP ID C915271

Accutest Job Number: MC26354

Sampling Date: 11/15/13

Report to:

Lender Consulting Services, Inc.

mpopek@lenderconsulting.com

ATTN: Maggie Popek

Total number of pages in report: **43**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Reza Tand
Lab Director

Client Service contact: Frank DAgostino 508-481-6200

Certifications: MA (M-MA136,SW846 NELAC) CT (PH-0109) NH (250210) RI (00071) ME (MA00136) FL (E87579) NY (11791) NJ (MA926) PA (6801121) ND (R-188) CO MN (11546AA) NC (653) IL (002337) WI (399080220) DoD ELAP (L-A-B L2235)

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Test results relate only to samples analyzed.

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Sample Summary

Lender Consulting Services, Inc.

Job No: MC26354

BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Project No: 12B2170.26 / BCP ID C915271

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
MC26354-1	11/15/13	08:30	MP	11/16/13	SO	Soil	BCP WEST WALL 6
MC26354-2	11/15/13	08:30	MP	11/16/13	SO	Soil	BCP WEST WALL COMPOSITE 1
MC26354-3	11/15/13	09:00	MP	11/16/13	SO	Soil	BCP BOTTOM 39
MC26354-4	11/15/13	11:00	MP	11/16/13	SO	Soil	BCP BOTTOM 40
MC26354-5	11/15/13	13:45	MP	11/16/13	SO	Soil	BCP BOTTOM 41
MC26354-6	11/15/13	15:00	MP	11/16/13	SO	Soil	BCP BOTTOM 42

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client:	Lender Consulting Services, Inc.	**Job No**	MC26354
Site:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY	**Report Date**	11/25/2013 9:31:56 AM

6 Sample(s) were collected on 11/15/2013 and were received at Accutest on 11/16/2013 properly preserved, at 2.4 Deg. C and intact. These Samples received an Accutest job number of MC26354. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Volatiles by GCMS By Method SW846 8260C

Matrix SO **Batch ID:** MSK2447

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC26237-2MS, MC26237-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MSK2447-BS1 Recovery(s) for Naphthalene are outside control limits. Blank Spike meets program technical requirements.
- MC26237-2MS/MSD Recovery(s) for Naphthalene are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Matrix SO **Batch ID:** MSM2147

- All samples were analyzed within the recommended method holding time.
- Sample(s) MC26304-1MS, MC26304-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- MC26304-1MS/MSD Recovery(s) for 2-Butanone (MEK), 2-Hexanone, 4-Methyl-2-pentanone (MIBK), Acetone, Bromomethane, Chloromethane, Vinyl chloride are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GCMS By Method SW846 8270D

Matrix SO **Batch ID:** OP35803

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26364-3MS, MC26364-3MSD were used as the QC samples indicated.
- OP35803-MS/MSD Recovery(s) for N-Nitrosodiphenylamine are outside control limits. Outside control limits due to possible matrix interference. Refer to Blank Spike.

Extractables by GC By Method SW846 8081

Matrix SO **Batch ID:** OP35808

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) MC26354-1MS, MC26354-1MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- OP35808-BS1 Recovery(s) for Endrin, Endrin aldehyde are outside control limits. Associated samples are non-detect for this compound.

Extractables by GC By Method SW846 8082

Matrix SO **Batch ID:** OP35804

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26333-1MS, MC26333-1MSD were used as the QC samples indicated.
- Matrix Spike Duplicate Recovery(s) for Aroclor 1016 are outside control limits. Outside control limits due to possible matrix interference.

Metals By Method SW846 6010C

Matrix SO **Batch ID:** MP22076

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25997-6MS, MC25997-6MSD, MC25997-6PS, MC25997-6SDL were used as the QC samples for metals.
- Matrix Spike Recovery(s) for Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity. Post spike within acceptable range.
- Matrix Spike Duplicate Recovery(s) for Antimony are outside control limits. Spike duplicate recovery indicates possible matrix interference and/or sample nonhomogeneity.
- MS/MSD Recovery(s) for Aluminum, Iron, Manganese are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- RPD(s) for Serial Dilution for Antimony, Arsenic, Cadmium, Silver, Sodium are outside control limits for sample MP22076-SD1. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP22076-SD1 for Aluminum, Barium, Beryllium, Calcium, Chromium, Iron, Lead, Magnesium, Manganese, Nickel, Potassium, Vanadium, Zinc: Serial dilution indicates possible matrix interference.

Metals By Method SW846 7471B

Matrix SO **Batch ID:** MP22069

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC25997-20MS, MC25997-20MSD were used as the QC samples for metals.

Wet Chemistry By Method ASTM D1498-76M

Matrix SO **Batch ID:** GN45149

- Sample(s) MC26354-1DUP were used as the QC samples for Redox Potential Vs H2.

Wet Chemistry By Method SM21 2540 B MOD.

Matrix SO **Batch ID:** GN45142

- Sample(s) MC26303-1DUP were used as the QC samples for Solids, Percent.

Wet Chemistry By Method SW846 3060A/7196A

Matrix SO **Batch ID:** GP16898

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-9DUP, MC26304-9MS were used as the QC samples for Chromium, Hexavalent.

Wet Chemistry By Method SW846 6010/7196A M

Matrix	SO	Batch ID:	R34088

- MC26354-1 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Matrix	SO	Batch ID:	R34089

- MC26354-2 for Chromium, Trivalent: Calculated as: (Chromium) - (Chromium, Hexavalent)

Wet Chemistry By Method SW846 9012 M

Matrix	SO	Batch ID:	GP16896

- All samples were distilled within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) MC26304-9MS, MC26304-9DUP were used as the QC samples for Cyanide.
- RPD(s) for Duplicate for Cyanide are outside control limits for sample GP16896-D1. RPD acceptable due to low duplicate and sample concentrations.

Wet Chemistry By Method SW846 9045D

Matrix	SO	Batch ID:	GN45148

- Sample(s) MC26354-1DUP were used as the QC samples for pH.

The Accutest Laboratories of New England certifies that all analysis were performed within method specification. It is further recommended that this report to be used in its entirety.The Accutest Laboratories of NE, Laboratory Director or assignee as verified by the signature on the cover page has authorized the release of this report(MC26354).

Summary of Hits

Job Number: MC26354
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/15/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
MC26354-1	**BCP WEST WALL 6**					
Benzene		5.0	0.35	0.17	ug/kg	SW846 8260C
sec-Butylbenzene		0.44 J	3.5	0.11	ug/kg	SW846 8260C
Ethylbenzene		1.2 J	1.4	0.13	ug/kg	SW846 8260C
Isopropylbenzene		2.4 J	3.5	0.20	ug/kg	SW846 8260C
n-Propylbenzene		2.8 J	3.5	0.17	ug/kg	SW846 8260C
Toluene		9.1	3.5	0.17	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		2.8 J	3.5	0.15	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		1.2 J	3.5	0.091	ug/kg	SW846 8260C
m,p-Xylene		6.6	1.4	0.20	ug/kg	SW846 8260C
o-Xylene		2.3	1.4	0.14	ug/kg	SW846 8260C
Xylene (total)		8.9	1.4	0.14	ug/kg	SW846 8260C
Aluminum		2880	19	3.4	mg/kg	SW846 6010C
Antimony		0.71 B	0.96	0.14	mg/kg	SW846 6010C
Arsenic		1.2	0.96	0.20	mg/kg	SW846 6010C
Barium		34.7	4.8	0.069	mg/kg	SW846 6010C
Beryllium		0.11 B	0.38	0.023	mg/kg	SW846 6010C
Cadmium		0.12 B	0.38	0.040	mg/kg	SW846 6010C
Calcium		47900	480	6.0	mg/kg	SW846 6010C
Chromium		4.8	0.96	0.091	mg/kg	SW846 6010C
Cobalt		2.1 B	4.8	0.045	mg/kg	SW846 6010C
Copper		7.1	2.4	0.53	mg/kg	SW846 6010C
Iron		6630	9.6	0.83	mg/kg	SW846 6010C
Lead		6.2	0.96	0.16	mg/kg	SW846 6010C
Magnesium		21600	480	4.9	mg/kg	SW846 6010C
Manganese		242	1.4	0.038	mg/kg	SW846 6010C
Nickel		4.8	3.8	0.042	mg/kg	SW846 6010C
Potassium		793	480	8.2	mg/kg	SW846 6010C
Sodium		244 B	480	3.2	mg/kg	SW846 6010C
Vanadium		9.9	0.96	0.13	mg/kg	SW846 6010C
Zinc		55.1	1.9	0.15	mg/kg	SW846 6010C
Chromium, Trivalent [a]		4.7	1.4		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2		485			mv	ASTM D1498-76M
pH		7.9			su	SW846 9045D
MC26354-2	**BCP WEST WALL COMPOSITE 1**					
Benzene		3.0	0.37	0.18	ug/kg	SW846 8260C
Ethylbenzene		0.58 J	1.5	0.13	ug/kg	SW846 8260C
Toluene		5.3	3.7	0.18	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		1.5 J	3.7	0.15	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		0.73 J	3.7	0.095	ug/kg	SW846 8260C
m,p-Xylene		3.7	1.5	0.21	ug/kg	SW846 8260C
o-Xylene		1.1 J	1.5	0.15	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC26354
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/15/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Xylene (total)		4.8	1.5	0.15	ug/kg	SW846 8260C
Aluminum		7480	18	3.3	mg/kg	SW846 6010C
Antimony		0.16 B	0.92	0.14	mg/kg	SW846 6010C
Arsenic		2.3	0.92	0.19	mg/kg	SW846 6010C
Barium		50.0	4.6	0.067	mg/kg	SW846 6010C
Beryllium		0.28 B	0.37	0.022	mg/kg	SW846 6010C
Cadmium		0.064 B	0.37	0.039	mg/kg	SW846 6010C
Calcium		72500	4600	58	mg/kg	SW846 6010C
Chromium		10.2	0.92	0.087	mg/kg	SW846 6010C
Cobalt		4.8	4.6	0.043	mg/kg	SW846 6010C
Copper		11.7	2.3	0.51	mg/kg	SW846 6010C
Iron		12200	9.2	0.80	mg/kg	SW846 6010C
Lead		11.2	0.92	0.15	mg/kg	SW846 6010C
Magnesium		27300	460	4.7	mg/kg	SW846 6010C
Manganese		375	1.4	0.037	mg/kg	SW846 6010C
Mercury		0.014 B	0.036	0.010	mg/kg	SW846 7471B
Nickel		11.1	3.7	0.040	mg/kg	SW846 6010C
Potassium		1830	460	7.9	mg/kg	SW846 6010C
Silver		0.11 B	0.46	0.11	mg/kg	SW846 6010C
Sodium		550	460	3.0	mg/kg	SW846 6010C
Vanadium		15.5	0.92	0.12	mg/kg	SW846 6010C
Zinc		50.0	1.8	0.15	mg/kg	SW846 6010C
Chromium, Trivalent [a]		9.9	1.4		mg/kg	SW846 6010/7196A M
Redox Potential Vs H2		474			mv	ASTM D1498-76M
pH		8.2			su	SW846 9045D
MC26354-3	**BCP BOTTOM 39**					
Benzene		4.0	0.42	0.21	ug/kg	SW846 8260C
Ethylbenzene		0.64 J	1.7	0.15	ug/kg	SW846 8260C
Isopropylbenzene		0.79 J	4.2	0.23	ug/kg	SW846 8260C
n-Propylbenzene		0.56 J	4.2	0.20	ug/kg	SW846 8260C
Toluene		6.1	4.2	0.20	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		1.5 J	4.2	0.17	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		0.79 J	4.2	0.11	ug/kg	SW846 8260C
m,p-Xylene		3.7	1.7	0.24	ug/kg	SW846 8260C
o-Xylene		1.3 J	1.7	0.17	ug/kg	SW846 8260C
Xylene (total)		4.9	1.7	0.17	ug/kg	SW846 8260C
MC26354-4	**BCP BOTTOM 40**					
Benzene		6.9	0.40	0.20	ug/kg	SW846 8260C
sec-Butylbenzene		0.45 J	4.0	0.13	ug/kg	SW846 8260C
Ethylbenzene		21.8	1.6	0.14	ug/kg	SW846 8260C
Isopropylbenzene		7.7	4.0	0.22	ug/kg	SW846 8260C

Summary of Hits

Job Number: MC26354
Account: Lender Consulting Services, Inc.
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Collected: 11/15/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
p-Isopropyltoluene		0.79 J	4.0	0.13	ug/kg	SW846 8260C
Naphthalene		7.2	4.0	0.63	ug/kg	SW846 8260C
n-Propylbenzene		7.2	4.0	0.19	ug/kg	SW846 8260C
Toluene		12.4	4.0	0.19	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		38.5	4.0	0.16	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		12.2	4.0	0.10	ug/kg	SW846 8260C
m,p-Xylene		51.5	1.6	0.23	ug/kg	SW846 8260C
o-Xylene		3.2	1.6	0.16	ug/kg	SW846 8260C
Xylene (total)		54.7	1.6	0.16	ug/kg	SW846 8260C
Naphthalene		39.2 J	120	19	ug/kg	SW846 8270D
MC26354-5	**BCP BOTTOM 41**					
Ethylbenzene		115 J	170	15	ug/kg	SW846 8260C
Isopropylbenzene		60.3 J	430	24	ug/kg	SW846 8260C
p-Isopropyltoluene		18.3 J	430	14	ug/kg	SW846 8260C
Naphthalene		190 J	430	67	ug/kg	SW846 8260C
n-Propylbenzene		74.9 J	430	21	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		433	430	18	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		113 J	430	11	ug/kg	SW846 8260C
m,p-Xylene		170	170	24	ug/kg	SW846 8260C
Xylene (total)		170	170	18	ug/kg	SW846 8260C
Naphthalene		67.0 J	110	18	ug/kg	SW846 8270D
MC26354-6	**BCP BOTTOM 42**					
n-Butylbenzene		60.6 J	430	15	ug/kg	SW846 8260C
sec-Butylbenzene		30.6 J	430	14	ug/kg	SW846 8260C
Ethylbenzene		430	170	15	ug/kg	SW846 8260C
Isopropylbenzene		91.0 J	430	24	ug/kg	SW846 8260C
p-Isopropyltoluene		48.4 J	430	14	ug/kg	SW846 8260C
Naphthalene		344 J	430	68	ug/kg	SW846 8260C
n-Propylbenzene		128 J	430	21	ug/kg	SW846 8260C
1,2,4-Trimethylbenzene		1030	430	18	ug/kg	SW846 8260C
1,3,5-Trimethylbenzene		351 J	430	11	ug/kg	SW846 8260C
m,p-Xylene		1900	170	24	ug/kg	SW846 8260C
o-Xylene		265	170	18	ug/kg	SW846 8260C
Xylene (total)		2170	170	18	ug/kg	SW846 8260C

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

New England ACCUTEST LABORATORIES

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61521.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.34 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.0	2.7	ug/kg	
71-43-2	Benzene	5.0	0.35	0.17	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	0.26	ug/kg	
75-25-2	Bromoform	ND	1.4	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.4	0.69	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.5	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.5	0.12	ug/kg	
135-98-8	sec-Butylbenzene	0.44	3.5	0.11	ug/kg	J
98-06-6	tert-Butylbenzene	ND	3.5	0.25	ug/kg	
75-15-0	Carbon disulfide	ND	3.5	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.4	0.82	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	0.19	ug/kg	
75-00-3	Chloroethane	ND	3.5	0.42	ug/kg	
67-66-3	Chloroform	ND	1.4	0.20	ug/kg	
74-87-3	Chloromethane	ND	3.5	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	0.30	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.23	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.38	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.31	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.4	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.21	ug/kg	
100-41-4	Ethylbenzene	1.2	1.4	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.5	1.7	ug/kg	
98-82-8	Isopropylbenzene	2.4	3.5	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.5	0.11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.5	1.3	ug/kg	
75-09-2	Methylene chloride	ND	1.4	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL 6
Lab Sample ID: MC26354-1 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8260C **Percent Solids:** 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.5	0.55	ug/kg	
103-65-1	n-Propylbenzene	2.8	3.5	0.17	ug/kg	J
100-42-5	Styrene	ND	3.5	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	1.4	0.31	ug/kg	
108-88-3	Toluene	9.1	3.5	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.24	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.33	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.8	3.5	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.2	3.5	0.091	ug/kg	J
75-01-4	Vinyl chloride	ND	1.4	0.40	ug/kg	
	m,p-Xylene	6.6	1.4	0.20	ug/kg	
95-47-6	o-Xylene	2.3	1.4	0.14	ug/kg	
1330-20-7	Xylene (total)	8.9	1.4	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL 6
Lab Sample ID: MC26354-1 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35103.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	89%		30-130%
4165-62-2	Phenol-d5	87%		30-130%
118-79-6	2,4,6-Tribromophenol	86%		30-130%
4165-60-0	Nitrobenzene-d5	93%		30-130%
321-60-8	2-Fluorobiphenyl	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	96%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL 6
Lab Sample ID: MC26354-1 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39122.D	1	11/19/13	NK	11/18/13	OP35808	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.7	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.7	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.7	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.7	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.7	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.7	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.7	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.7	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.7	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.7	2.4	ug/kg	
50-29-3	4,4'-DDT	ND	5.7	1.8	ug/kg	
72-20-8	Endrin	ND	5.7	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.7	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.7	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.7	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.7	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.7	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.7	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.7	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.7	2.1	ug/kg	
8001-35-2	Toxaphene	ND	57	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL 6
Lab Sample ID: MC26354-1 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8082 SW846 3546 **Percent Solids:** 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52569.D	1	11/19/13	CZ	11/18/13	OP35804	GBB3079
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	104%		30-150%
2051-24-3	Decachlorobiphenyl	99%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL 6
Lab Sample ID: MC26354-1
Matrix: SO - Soil
Date Sampled: 11/15/13
Date Received: 11/16/13
Percent Solids: 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2880	19	3.4	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.71 B	0.96	0.14	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.2	0.96	0.20	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	34.7	4.8	0.069	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.11 B	0.38	0.023	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.12 B	0.38	0.040	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47900	480	6.0	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.8	0.96	0.091	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	2.1 B	4.8	0.045	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	7.1	2.4	0.53	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	6630	9.6	0.83	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	6.2	0.96	0.16	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21600	480	4.9	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	242	1.4	0.038	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.011 U	0.037	0.011	mg/kg	1	11/18/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	4.8	3.8	0.042	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	793	480	8.2	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.33 U	0.96	0.33	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.12 U	0.48	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	244 B	480	3.2	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.13 U	0.96	0.13	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	9.9	0.96	0.13	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	55.1	1.9	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16402
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22069
(4) Prep QC Batch: MP22076

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
		Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.47	0.47	mg/kg	1	11/19/13 13:55	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	4.7	1.4	mg/kg	1	11/19/13 15:09	EAL	SW846 6010/7196A M
Cyanide	< 0.14	0.14	mg/kg	1	11/19/13 12:39	MA	SW846 9012 M
Redox Potential Vs H2	485		mv	1	11/16/13	CF	ASTM D1498-76M
Solids, Percent	85.1		%	1	11/18/13	HS	SM21 2540 B MOD.
pH	7.9		su	1	11/16/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61522.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.84 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.4	2.9	ug/kg	
71-43-2	Benzene	3.0	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.72	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.86	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	0.58	1.5	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.21	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.7	0.58	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	0.18	ug/kg	
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.33	ug/kg	
108-88-3	Toluene	5.3	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5	3.7	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.73	3.7	0.095	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	3.7	1.5	0.21	ug/kg	
95-47-6	o-Xylene	1.1	1.5	0.15	ug/kg	J
1330-20-7	Xylene (total)	4.8	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL COMPOSITE 1
Lab Sample ID: MC26354-2 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35104.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL COMPOSITE 1
Lab Sample ID: MC26354-2 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	15	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		30-130%
4165-62-2	Phenol-d5	76%		30-130%
118-79-6	2,4,6-Tribromophenol	81%		30-130%
4165-60-0	Nitrobenzene-d5	80%		30-130%
321-60-8	2-Fluorobiphenyl	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL COMPOSITE 1
Lab Sample ID: MC26354-2 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8081 SW846 3546 **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39123.D	1	11/19/13	NK	11/18/13	OP35808	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.6	1.7	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL COMPOSITE 1
Lab Sample ID: MC26354-2 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8082 SW846 3546 **Percent Solids:** 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52570.D	1	11/19/13	CZ	11/18/13	OP35804	GBB3079
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	20	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		30-150%
877-09-8	Tetrachloro-m-xylene	113%		30-150%
2051-24-3	Decachlorobiphenyl	108%		30-150%
2051-24-3	Decachlorobiphenyl	110%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP WEST WALL COMPOSITE 1
Lab Sample ID: MC26354-2
Matrix: SO - Soil
Date Sampled: 11/15/13
Date Received: 11/16/13
Percent Solids: 86.4
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7480	18	3.3	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 B	0.92	0.14	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	2.3	0.92	0.19	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	50.0	4.6	0.067	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.28 B	0.37	0.022	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.064 B	0.37	0.039	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	72500	4600	58	mg/kg	10	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	10.2	0.92	0.087	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	4.8	4.6	0.043	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	11.7	2.3	0.51	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	12200	9.2	0.80	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	11.2	0.92	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	27300	460	4.7	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	375	1.4	0.037	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.014 B	0.036	0.010	mg/kg	1	11/18/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	11.1	3.7	0.040	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	1830	460	7.9	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.32 U	0.92	0.32	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.11 B	0.46	0.11	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	550	460	3.0	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.12 U	0.92	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	15.5	0.92	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	50.0	1.8	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16402
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22069
(4) Prep QC Batch: MP22076

RL = Reporting Limit
MDL = Method Detection Limit
U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	11/19/13 13:55	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	9.9	1.4	mg/kg	1	11/19/13 15:13	EAL	SW846 6010/7196A M
Cyanide	< 0.14	0.14	mg/kg	1	11/19/13 12:40	MA	SW846 9012 M
Redox Potential Vs H2	474		mv	1	11/16/13	CF	ASTM D1498-76M
Solids, Percent	86.4		%	1	11/18/13	HS	SM21 2540 B MOD.
pH	8.2		su	1	11/16/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

Report of Analysis

Client Sample ID:	BCP BOTTOM 39		
Lab Sample ID:	MC26354-3	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61523.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.02 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	4.0	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	ND	4.2	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	0.64	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.79	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 39		
Lab Sample ID:	MC26354-3	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.66	ug/kg	
103-65-1	n-Propylbenzene	0.56	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	6.1	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.79	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.48	ug/kg	
	m,p-Xylene	3.7	1.7	0.24	ug/kg	
95-47-6	o-Xylene	1.3	1.7	0.17	ug/kg	J
1330-20-7	Xylene (total)	4.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BOTTOM 39
Lab Sample ID: MC26354-3 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 85.1
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35105.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	15	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	17	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 40		
Lab Sample ID:	MC26354-4	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	84.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61524.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.43 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.0	3.1	ug/kg	
71-43-2	Benzene	6.9	0.40	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.23	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.78	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.0	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.0	0.14	ug/kg	
135-98-8	sec-Butylbenzene	0.45	4.0	0.13	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.0	0.28	ug/kg	
75-15-0	Carbon disulfide	ND	4.0	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.93	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.0	0.48	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.0	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
100-41-4	Ethylbenzene	21.8	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.0	1.9	ug/kg	
98-82-8	Isopropylbenzene	7.7	4.0	0.22	ug/kg	
99-87-6	p-Isopropyltoluene	0.79	4.0	0.13	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 40		
Lab Sample ID:	MC26354-4	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	84.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	7.2	4.0	0.63	ug/kg	
103-65-1	n-Propylbenzene	7.2	4.0	0.19	ug/kg	
100-42-5	Styrene	ND	4.0	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.35	ug/kg	
108-88-3	Toluene	12.4	4.0	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	38.5	4.0	0.16	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	12.2	4.0	0.10	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	0.45	ug/kg	
	m,p-Xylene	51.5	1.6	0.23	ug/kg	
95-47-6	o-Xylene	3.2	1.6	0.16	ug/kg	
1330-20-7	Xylene (total)	54.7	1.6	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BOTTOM 40
Lab Sample ID: MC26354-4 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8270D SW846 3546 **Percent Solids:** 84.2
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35106.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	39.2	120	19	ug/kg	J
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	86%		30-130%
321-60-8	2-Fluorobiphenyl	84%		30-130%
1718-51-0	Terphenyl-d14	93%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K76127.D	1	11/18/13	GK	n/a	n/a	MSK2447
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.54 g	10.0 ml	100 ul
Run #2			

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	860	330	ug/kg	
71-43-2	Benzene	ND	43	21	ug/kg	
75-27-4	Bromodichloromethane	ND	170	31	ug/kg	
75-25-2	Bromoform	ND	170	25	ug/kg	
74-83-9	Bromomethane	ND	170	83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	430	260	ug/kg	
104-51-8	n-Butylbenzene	ND	430	15	ug/kg	
135-98-8	sec-Butylbenzene	ND	430	14	ug/kg	
98-06-6	tert-Butylbenzene	ND	430	30	ug/kg	
75-15-0	Carbon disulfide	ND	430	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	100	ug/kg	
108-90-7	Chlorobenzene	ND	170	23	ug/kg	
75-00-3	Chloroethane	ND	430	51	ug/kg	
67-66-3	Chloroform	ND	170	25	ug/kg	
74-87-3	Chloromethane	ND	430	100	ug/kg	
124-48-1	Dibromochloromethane	ND	170	36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	170	44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	170	21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	25	ug/kg	
100-41-4	Ethylbenzene	115	170	15	ug/kg	J
591-78-6	2-Hexanone	ND	430	210	ug/kg	
98-82-8	Isopropylbenzene	60.3	430	24	ug/kg	J
99-87-6	p-Isopropyltoluene	18.3	430	14	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	170	34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	160	ug/kg	
75-09-2	Methylene chloride	ND	170	130	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	190	430	67	ug/kg	J
103-65-1	n-Propylbenzene	74.9	430	21	ug/kg	J
100-42-5	Styrene	ND	430	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	25	ug/kg	
127-18-4	Tetrachloroethene	ND	170	38	ug/kg	
108-88-3	Toluene	ND	430	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	30	ug/kg	
79-01-6	Trichloroethene	ND	170	41	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	433	430	18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	113	430	11	ug/kg	J
75-01-4	Vinyl chloride	ND	170	49	ug/kg	
	m,p-Xylene	170	170	24	ug/kg	
95-47-6	o-Xylene	ND	170	18	ug/kg	
1330-20-7	Xylene (total)	170	170	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%		70-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35107.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	67.0	110	18	ug/kg	J
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	80%		30-130%
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 42		
Lab Sample ID:	MC26354-6	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8260C	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K76128.D	1	11/18/13	GK	n/a	n/a	MSK2447
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.56 g	10.0 ml	100 ul
Run #2			

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	860	330	ug/kg	
71-43-2	Benzene	ND	43	21	ug/kg	
75-27-4	Bromodichloromethane	ND	170	31	ug/kg	
75-25-2	Bromoform	ND	170	25	ug/kg	
74-83-9	Bromomethane	ND	170	84	ug/kg	
78-93-3	2-Butanone (MEK)	ND	430	270	ug/kg	
104-51-8	n-Butylbenzene	60.6	430	15	ug/kg	J
135-98-8	sec-Butylbenzene	30.6	430	14	ug/kg	J
98-06-6	tert-Butylbenzene	ND	430	31	ug/kg	
75-15-0	Carbon disulfide	ND	430	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	100	ug/kg	
108-90-7	Chlorobenzene	ND	170	23	ug/kg	
75-00-3	Chloroethane	ND	430	51	ug/kg	
67-66-3	Chloroform	ND	170	25	ug/kg	
74-87-3	Chloromethane	ND	430	100	ug/kg	
124-48-1	Dibromochloromethane	ND	170	37	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	170	44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	170	21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	25	ug/kg	
100-41-4	Ethylbenzene	430	170	15	ug/kg	
591-78-6	2-Hexanone	ND	430	210	ug/kg	
98-82-8	Isopropylbenzene	91.0	430	24	ug/kg	J
99-87-6	p-Isopropyltoluene	48.4	430	14	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	170	34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	160	ug/kg	
75-09-2	Methylene chloride	ND	170	130	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BCP BOTTOM 42
Lab Sample ID: MC26354-6 **Date Sampled:** 11/15/13
Matrix: SO - Soil **Date Received:** 11/16/13
Method: SW846 8260C **Percent Solids:** 85.5
Project: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	344	430	68	ug/kg	J
103-65-1	n-Propylbenzene	128	430	21	ug/kg	J
100-42-5	Styrene	ND	430	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	25	ug/kg	
127-18-4	Tetrachloroethene	ND	170	38	ug/kg	
108-88-3	Toluene	ND	430	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	30	ug/kg	
79-01-6	Trichloroethene	ND	170	41	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1030	430	18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	351	430	11	ug/kg	J
75-01-4	Vinyl chloride	ND	170	49	ug/kg	
	m,p-Xylene	1900	170	24	ug/kg	
95-47-6	o-Xylene	265	170	18	ug/kg	
1330-20-7	Xylene (total)	2170	170	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	125%		70-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	104%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BCP BOTTOM 42		
Lab Sample ID:	MC26354-6	**Date Sampled:**	11/15/13
Matrix:	SO - Soil	**Date Received:**	11/16/13
Method:	SW846 8270D SW846 3546	**Percent Solids:**	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35108.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	16	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	89%		30-130%
321-60-8	2-Fluorobiphenyl	86%		30-130%
1718-51-0	Terphenyl-d14	92%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

Accutest Laboratories of New England
495 Technology Center West, Building One
TEL. 508-481-6200 FAX: 508-481-7753
www.accutest.com

PAGE 1 OF 1

FED-EX Tracking #
Bottle Order Control #
Accutest Quote #
Accutest Job # MC26354

Client / Reporting Information

Company Name: LCS
Street Address: 40 La Riviere #120
City: Buffalo State: NY Zip: 14202
Project Contact: Jeff Raley E-mail: jraley@....
Phone #: 716-474-6802 Fax #:
Sampler(s) Name(s): Margaret Aufpeck Phone #: 509

Project Information

Project Name: BCP
Street: 233 S. Elmwood + 234 Delaware
City: Buffalo, NY
Project#: 12BC17026 / BCP ID C915271
Client PO#:
Project Manager: Jeff Raley

Billing Information (If different from Report to)

Company Name:
Street Address:
City: State: Zip:
Attention: PO#:

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Bisulfate	8260 TCL + STARS	8270 STARS	8270 TCL	PCBs	TAL metals + Cyanide	Pesticides	LAB USE ONLY
-1	BCP West Wall 6		11/15/13	0830	MP	SO	6										X		X	X	X	X	
-2	BCP West Wall Composite 1		11/15/13	0830	MP	SO	6										X		X	X	X	X	
-3	BCP Bottom 39		11/15/13	0900	MP	SO	5										X	X					
-4	BCP Bottom 40		11/15/13	1100	MP	SO	5										X	X					
-5	BCP Bottom 41		11/15/13	1345	MP	SO	5										X	X					
-6	BCP Bottom 42		11/15/13	1500	MP	SO	5										X	X					
																							11B, 10L6

Matrix Codes

DW - Drinking Water
GW - Ground Water
WW - Water
SW - Surface Water
SO - Soil
SL - Sludge
SED - Sediment
OI - Oil
LIQ - Other Liquid
AIR - Air
SOL - Other Solid
WP - Wipe
FB - Field Blank
EB - Equipment Blank
RB - Rinse Blank
TB - Trip Blank

Turnaround Time (Business days)

- [ ] Std. 10 Business Days
- [ ] Std. 5 Business Days (By Contract only)
- [ ] 5 Day *RUSH*
- [ ] 3 Day *EMERGENCY*
- [ ] 2 Day *EMERGENCY*
- [x] 1 Day *EMERGENCY*

Emergency & Rush T/A data available VIA Lablink

Approved By (Accutest PM): / Date:

RUSH!

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [ ] FULLT1 (Level 3+4)
- [ ] CT RCP
- [ ] MA MCP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [x] EDD Format MC eqws
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary

Comments / Special Instructions

please speciate Chromium

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
Margaret Aufpeck	11/15/13 1700	1 FY	2 FY	10:30 11/16/13	2 [signature]
3		3	4		4
5		5	Custody Seal # ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☑ Cooler Temp. 2.4°

5.1
5

MC26354: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: MC26354 **Client:** LCS **Immediate Client Services Action Required:** No

Date / Time Received: 11/16/2013 **Delivery Method:** **Client Service Action Required at Login:** No

Project: BCP **No. Coolers:** 1 **Airbill #'s:**

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control -Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:508.481.6200

495 Technology Center West, Bldg One
F: 508.481.7753

Marlborough, MA
www/accutest.com

MC26354: Chain of Custody
Page 2 of 2

APPENDIX I

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC21465
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 16, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP-MW1-8-10	MC21465-1	Soil
2*	BCP-MW2-10-12	MC21465-2	Soil
3	BCP-MW1-4-16	MC21465-3	Soil
4	BCP-MW2-8-16	MC21465-4	Soil

* - Analyzed for VOC only

A Data Usability Summary Review was performed on the analytical data for four soil samples collected on June 4, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;

- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Antimony and magnesium were qualified as estimated in two samples due to low/high matrix spike recoveries.
- Six metals compounds were qualified as estimated in two samples due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 day for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Qualifier	Affected Samples
MSM1947-MB	Methylene chloride	1.5	None	All ND

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
0P33547-BS	n-Nitrosodiphenylamine	161%	None	All ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not analyzed.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals, Mercury & Cyanide

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

Total Metals				
MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	47.0%/46.9%/OK	J/UJ	3, 4
	Magnesium	145%/157%/OK	J	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not analyzed.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Calcium	11.4%	J/UJ	3, 4
	Cobalt	11.3%	J/UJ	
	Lead	11.7%	J/UJ	
	Manganese	10.1%	J/UJ	
	Nickel	10.6%	J/UJ	
	Zinc	11.3%	J/UJ	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M56839.D

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-8-10		
Lab Sample ID:	MC21465-1	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8260B	Percent Solids:	82.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56839.D	1	06/07/13	KD	n/a	n/a	MSM1947
Run #2							

	Initial Weight	Final Volume
Run #1	6.60 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.2	1.2	ug/kg	
71-43-2	Benzene	11.0	0.46	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.48	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.6	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.17	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	0.81	ug/kg	
75-15-0	Carbon disulfide	0.38	4.6	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.6	1.2	ug/kg	
67-66-3	Chloroform	0.80	1.8	0.47	ug/kg	J
74-87-3	Chloromethane	ND	4.6	0.43	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.34	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.46	ug/kg	
100-41-4	Ethylbenzene	2.9	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.6	1.2	ug/kg	
98-82-8	Isopropylbenzene	0.42	4.6	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.27	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6	0.46	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW1-8-10		
Lab Sample ID:	MC21465-1	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8260B	Percent Solids:	82.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.6	1.2	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	0.94	ug/kg	
100-42-5	Styrene	ND	4.6	0.22	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	22.5	4.6	0.78	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.68	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.4	4.6	0.21	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.9	4.6	0.20	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	17.9	1.8	0.73	ug/kg	
95-47-6	o-Xylene	5.5	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	23.4	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	77%		70-130%
460-00-4	4-Bromofluorobenzene	79%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 11/6/14

Raw Data: M56840.D

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW2-10-12		
Lab Sample ID:	MC21465-2	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8260B	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56840.D	1	06/07/13	KD	n/a	n/a	MSM1947
Run #2							

	Initial Weight	Final Volume
Run #1	6.59 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.9	1.1	ug/kg	
71-43-2	Benzene	9.9	0.45	0.26	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.46	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.5	0.16	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.5	0.20	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.5	0.79	ug/kg	
75-15-0	Carbon disulfide	ND	4.5	0.15	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.65	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.5	1.1	ug/kg	
67-66-3	Chloroform	ND	1.8	0.46	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.41	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.26	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.15	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.44	ug/kg	
100-41-4	Ethylbenzene	2.3	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.5	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.5	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	0.45	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW2-10-12		
Lab Sample ID:	MC21465-2	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8260B	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.5	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.5	0.91	ug/kg	
100-42-5	Styrene	ND	4.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.20	ug/kg	
108-88-3	Toluene	19.0	4.5	0.76	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.28	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.65	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	5.1	4.5	0.20	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.3	4.5	0.19	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.24	ug/kg	
	m,p-Xylene	13.9	1.8	0.70	ug/kg	
95-47-6	o-Xylene	4.3	1.8	0.21	ug/kg	
1330-20-7	Xylene (total)	18.2	1.8	0.21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	80%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: W12958.D

3

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12958.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	27.8	110	15	ug/kg	J
50-32-8	Benzo(a)pyrene	21.0	110	12	ug/kg	J
205-99-2	Benzo(b)fluoranthene	23.9	110	14	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	12.6	110	11	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	28.2	110	14	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	26.8	290	11	ug/kg	J
206-44-0	Fluoranthene	58.4	110	16	ug/kg	J
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	41.1	110	15	ug/kg	J
129-00-0	Pyrene	46.0	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		30-130%
4165-62-2	Phenol-d5	62%		30-130%
118-79-6	2,4,6-Tribromophenol	65%		30-130%
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	83%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: W12959.D

4

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12959.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	27.4	290	11	ug/kg	J
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	19.1	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		30-130%
4165-62-2	Phenol-d5	68%		30-130%
118-79-6	2,4,6-Tribromophenol	74%		30-130%
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/16/14

Raw Data: BE36984.D

3

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8081 SW846 3546	Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE36984.D	1	06/10/13	AP	06/06/13	OP33511	GBE1926
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.6	1.8	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/16/14

Raw Data: BE36985.D

H

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8081 SW846 3546	Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE36985.D	1	06/10/13	AP	06/06/13	OP33511	GBE1926
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.7	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.7	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.7	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.7	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.7	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.7	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.7	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.7	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.7	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.7	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.7	1.8	ug/kg	
72-20-8	Endrin	ND	5.7	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.7	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.7	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.7	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.7	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.7	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.7	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.7	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.7	2.1	ug/kg	
8001-35-2	Toxaphene	ND	57	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	86%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: BB48570.D

3

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8082 SW846 3546	Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB48570.D	1	06/09/13	CZ	06/06/13	OP33510	GBB2899
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	85%		30-150%
2051-24-3	Decachlorobiphenyl	104%		30-150%
2051-24-3	Decachlorobiphenyl	107%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: BB48571.D

4

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
Method:	SW846 8082 SW846 3546	Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB48571.D	1	06/09/13	CZ	06/06/13	OP33510	GBB2899
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	13	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	97%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
		Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1820	21	3.8	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 B UJ	1.1	0.16	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.1	1.1	0.22	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	13.6	5.3	0.077	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.095 B J	0.42	0.025	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.20 B J	0.42	0.045	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	44700 J	530	6.6	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.9	1.1	0.10	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Cobalt	1.6 B J	5.3	0.050	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	5.3	2.6	0.59	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Iron	5220	11	0.92	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.5 J	1.1	0.18	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18100 J	530	5.4	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	184 J	1.6	0.042	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Mercury	0.035 B J	0.036	0.011	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [5]
Nickel	3.2 B J	4.2	0.046	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	400 B J	530	9.0	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Sodium	204 B J	530	3.5	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.4	1.1	0.14	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Zinc	54.2 J	2.1	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15717
(2) Instrument QC Batch: MA15719
(3) Instrument QC Batch: MA15722
(4) Prep QC Batch: MP21126
(5) Prep QC Batch: MP21134

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/6/14

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
		Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1910	21	3.7	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 B UJ	1.0	0.16	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.0	1.0	0.22	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	21.4	5.2	0.075	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.10 B J	0.41	0.025	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.26 B J	0.41	0.044	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	43800 J	520	6.5	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	4.6	1.0	0.098	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Cobalt	1.7 B J	5.2	0.049	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	4.8	2.6	0.57	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Iron	4990	10	0.90	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.0 J	1.0	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18700 J	520	5.3	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	185 J	1.6	0.041	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Mercury	0.024 B J	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [5]
Nickel	3.3 B J	4.1	0.045	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	466 B J	520	8.9	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.36 U	1.0	0.36	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.52	0.13	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Sodium	183 B J	520	3.4	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.2	1.0	0.14	mg/kg	1	06/06/13	06/07/13	EAL	SW846 6010C [3]	SW846 3050B [4]
Zinc	64.1 J	2.1	0.17	mg/kg	1	06/06/13	06/06/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15717
(2) Instrument QC Batch: MA15719
(3) Instrument QC Batch: MA15722
(4) Prep QC Batch: MP21126
(5) Prep QC Batch: MP21134

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/16/14

3

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW1-4-16		
Lab Sample ID:	MC21465-3	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
		Percent Solids:	87.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.3
4

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 15:56	MA	SW846 9012 M
Solids, Percent	87		%	1	06/06/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW2-8-16		
Lab Sample ID:	MC21465-4	Date Sampled:	06/04/13
Matrix:	SO - Soil	Date Received:	06/05/13
		Percent Solids:	86.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	06/07/13 15:57	MA	SW846 9012 M
Solids, Percent	86.2		%	1	06/06/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/16/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC21507
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 17, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP-MW3-8-10	MC21507-1	Soil
1MS*	BCP-MW3-8-10MS	MC21507-1MS	Soil
1MSD*	BCP-MW3-8-10MSD	MC21507-1MSD	Soil
2α	BCP-MW3-6-16	MC21507-2	Soil
2MSα	BCP-MW3-6-16MS	MC21507-2MS	Soil
2MSDα	BCP-MW3-6-16MSD	MC21507-2MSD	Soil
3*	BCP-MW4-8-10	MC21507-3	Soil
4α	BCP-MW4-6-18	MC21507-4	Soil
5*	BCP-MW6-8-10	MC21507-5	Soil
6α	BCP-MW6-4-14	MC21507-6	Soil
7	BCP-EB1	MC21507-7	Water

* - Analyzed for VOC only α - Analyzed for SVOC, Pesticides, PCBs, Metals, Mercury, and Cyanide

A Data Usability Summary Review was performed on the analytical data for six soil samples and one aqueous equipment blank sample collected on June 5, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7470A/7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;

- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were minor rejections of data. This data cannot be used in the decision-making process for this project.

- Acetone was rejected in one sample due to a low initial calibration RRF value.
- Fourteen SVOC acid compounds were rejected in one sample due to severely low surrogate recoveries.
- 2,4-Dinitrophenol was rejected in one sample due to a severely low MSD recovery.

Overall the remaining data is acceptable for the intended purposes as qualified for the following deficiencies.

- All VOC compounds were qualified as estimated in one sample due to many low and high MS/MSD recoveries.
- m,p-Xylene was qualified as estimated in one sample due to a high continuing calibration %D value.
- Hexachlorocyclopentadiene was qualified as estimated in one sample due to a low MSD recovery.
- Hexachlorocyclopentadiene was qualified as estimated in one sample due to a low LCS recovery.
- All PCBs were qualified as estimated in one sample due to low surrogate recovery.
- Manganese was qualified as estimated in three samples due to a low matrix spike recovery.
- Sodium was qualified as nondetected in three samples due to equipment blank contamination.
- Chromium and zinc were qualified as estimated in three samples due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 day for preserved water and soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Most Compounds	low/high/high	J/UJ - All Results

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
BCP-EB1	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The following table presents compounds that exceeded 20 percent relative standard deviation (%RSD) and/or average RRF values <0.05 in the initial calibration (ICAL). A low RRF indicates poor indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %RSD may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
06/02/13	Acetone	0.044 RRF	J/R	7

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/07/13	Acetone	20.5%/0.035 RRF	None	See ICAL
	m.p-Xylene	21.6%	J/UJ	7

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOC				
Compound	BCP-MW4-8-10 ug/kg	BCP-MW6-8-10 ug/kg	RPD	Qualifier
Benzene	8.8	9.0	2%	None
sec-Butylbenzene	0.72	0.61	17%	
Carbon Disulfide	0.35	0.30	15%	
Ethylbenzene	2.2	2.2	0%	
Isopropylbenzene	0.35	0.34	3%	
Toluene	17.1	17.6	3%	
1,2,4-Trimethylbenzene	4.6	4.6	0%	
1,3,5-Trimethylbenzene	2.0	2.1	5%	
m,p-Xylene	13.3	12.9	3%	
o-Xylene	3.9	4.0	3%	
Xylene (total)	17.3	16.9	2%	

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). For a severely low %R (<10%), non-detect results are rejected (R) and are unusable for project objectives.

Sample ID	Surrogate	%R	Qualifier
7	2-Fluorophenol	0%	R - All Acid Compounds
	Phenol-d5	0%	
	2,4,6-Tribromophenol	0%	

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Sample
2	2,4-Dinitrophenol	15%/8%/56	J/R	2
	Hexachlorocyclopentadiene	OK/35%/OK	J/UJ	
	n-Nitrosodiphenylamine	156%/170%/OK	None	Sample ND

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
0P33547-BS	n-Nitrosodiphenylamine	161%	None	All Associated ND
0P33559-BS	Hexachlorocyclopentadiene	23%	J/UJ	7

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
BCP-EB1	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). For a severely low %R (<10%), non-detect results are rejected (R) and are unusable for project objectives.

PCBs			
Sample ID	Surrogate	%R	Qualifier
7	TCX1/TCX2/DCB1/DCB2	0%/OK/OK/OK	J/UJ*

* - The low recovery was due to matrix interference and all remaining surrogate recoveries were acceptable. The reviewer used professional judgment not to reject the results due to the severely low recovery of TCX1.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
BCP-EB1	None - ND	-	-	-

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
2	Manganese	59.1%/OK/OK	J/UJ	2, 4, 6

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL and less than ten times (10x) the highest associated blank concentration (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
BCP-EB1	Calcium	80.8	None	All >10X
	Sodium	398	U	2, 4, 6

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
2	Chromium	11.5%	J/UJ	2, 4, 6
	Zinc	11.1%	J/UJ	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M56930.D

1

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-8-10		
Lab Sample ID:	MC21507-1	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	87.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56930.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	8.90 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	6.4	0.81	ug/kg	
71-43-2	Benzene	2.7 J	0.32	0.19	ug/kg	
75-27-4	Bromodichloromethane	ND UJ	1.3	0.14	ug/kg	
75-25-2	Bromoform	ND	1.3	1.3	ug/kg	
74-83-9	Bromomethane	ND	1.3	0.33	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.2	0.80	ug/kg	
104-51-8	n-Butylbenzene	ND	3.2	0.12	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.2	0.15	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.2	0.56	ug/kg	
75-15-0	Carbon disulfide	0.20 J	3.2	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND UJ	1.3	0.47	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	0.18	ug/kg	
75-00-3	Chloroethane	ND	3.2	0.81	ug/kg	
67-66-3	Chloroform	ND	1.3	0.33	ug/kg	
74-87-3	Chloromethane	ND	3.2	0.30	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	0.19	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.17	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.18	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.24	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.19	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.18	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.3	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	0.24	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.11	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.32	ug/kg	
100-41-4	Ethylbenzene	0.68 J	1.3	0.15	ug/kg	
591-78-6	2-Hexanone	ND UJ	3.2	0.80	ug/kg	
98-82-8	Isopropylbenzene	ND	3.2	0.15	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.2	0.11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.18	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.2	0.32	ug/kg	
75-09-2	Methylene chloride	ND	1.3	0.74	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 11/7/14

Report of Analysis

Client Sample ID:	BCP-MW3-8-10		
Lab Sample ID:	MC21507-1	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	87.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND UJ	3.2	0.80	ug/kg	
103-65-1	n-Propylbenzene	ND	3.2	0.65	ug/kg	
100-42-5	Styrene	ND	3.2	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.27	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	0.15	ug/kg	
108-88-3	Toluene	5.6 J	3.2	0.54	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND UJ	1.3	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.47	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.14	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5 J	3.2	0.14	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.72 J	3.2	0.14	ug/kg	J
75-01-4	Vinyl chloride	ND UJ	1.3	0.17	ug/kg	
	m,p-Xylene	3.8 J	1.3	0.50	ug/kg	
95-47-6	o-Xylene	1.2	1.3	0.15	ug/kg	
1330-20-7	Xylene (total)	5.1	1.3	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	74%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

3

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW4-8-10		
Lab Sample ID:	MC21507-3	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	85.8
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56931.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	6.41 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.1	1.1	ug/kg	
71-43-2	Benzene	8.8	0.45	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.47	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.5	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.5	0.17	ug/kg	
135-98-8	sec-Butylbenzene	0.72	4.5	0.21	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.5	0.80	ug/kg	
75-15-0	Carbon disulfide	0.35	4.5	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.5	1.1	ug/kg	
67-66-3	Chloroform	ND	1.8	0.47	ug/kg	
74-87-3	Chloromethane	ND	4.5	0.42	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.33	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.27	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.45	ug/kg	
100-41-4	Ethylbenzene	2.2	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.5	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.5	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.5	0.45	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Report of Analysis

Client Sample ID:	BCP-MW4-8-10		
Lab Sample ID:	MC21507-3	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	85.8
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.5	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.5	0.92	ug/kg	
100-42-5	Styrene	ND	4.5	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	17.1	4.5	0.77	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.67	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	4.5	0.20	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.0	4.5	0.19	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	13.3	1.8	0.72	ug/kg	
95-47-6	o-Xylene	3.9	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	17.3	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	73%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	77%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Raw Data: M56932.D

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Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-8-10		
Lab Sample ID:	MC21507-5	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M56932.D	1	06/11/13	KD	n/a	n/a	MSM1951
Run #2							

	Initial Weight	Final Volume
Run #1	5.98 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.8	1.2	ug/kg	
71-43-2	Benzene	9.0	0.49	0.29	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.51	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.9	1.2	ug/kg	
104-51-8	n-Butylbenzene	ND	4.9	0.18	ug/kg	
135-98-8	sec-Butylbenzene	0.61	4.9	0.22	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.9	0.86	ug/kg	
75-15-0	Carbon disulfide	0.30	4.9	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.0	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.27	ug/kg	
75-00-3	Chloroethane	ND	4.9	1.2	ug/kg	
67-66-3	Chloroform	ND	2.0	0.50	ug/kg	
74-87-3	Chloromethane	ND	4.9	0.45	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.29	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.28	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.36	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.29	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.28	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.49	ug/kg	
100-41-4	Ethylbenzene	2.2	2.0	0.24	ug/kg	
591-78-6	2-Hexanone	ND	4.9	1.2	ug/kg	
98-82-8	Isopropylbenzene	0.34	4.9	0.22	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.9	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.9	0.49	ug/kg	
75-09-2	Methylene chloride	ND	2.0	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 11/17/14

Report of Analysis

Client Sample ID:	BCP-MW6-8-10		
Lab Sample ID:	MC21507-5	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.9	1.2	ug/kg	
103-65-1	n-Propylbenzene	ND	4.9	0.99	ug/kg	
100-42-5	Styrene	ND	4.9	0.23	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.42	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.22	ug/kg	
108-88-3	Toluene	17.6	4.9	0.83	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.31	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.72	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.21	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	4.9	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	4.9	0.21	ug/kg	J
75-01-4	Vinyl chloride	ND	2.0	0.27	ug/kg	
	m,p-Xylene	12.9	2.0	0.77	ug/kg	
95-47-6	o-Xylene	4.0	2.0	0.23	ug/kg	
1330-20-7	Xylene (total)	16.9	2.0	0.23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	73%		70-130%
2037-26-5	Toluene-D8	78%		70-130%
460-00-4	4-Bromofluorobenzene	78%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: V19716.D

7

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

4.7 4

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V19716.D	1	06/07/13	AMY	n/a	n/a	MSV769
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND UJ	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	108%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12955.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	110	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	110	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	110	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	99	ug/kg	
51-28-5	2,4-Dinitrophenol	~~ND~~ R	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	93	ug/kg	
95-48-7	2-Methylphenol	ND	570	94	ug/kg	
	3&4-Methylphenol	ND	570	190	ug/kg	
88-75-5	2-Nitrophenol	ND	570	110	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	200	ug/kg	
87-86-5	Pentachlorophenol	ND	570	110	ug/kg	
108-95-2	Phenol	ND	290	67	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	91	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	73	ug/kg	
83-32-9	Acenaphthene	ND	110	44	ug/kg	
208-96-8	Acenaphthylene	ND	110	32	ug/kg	
120-12-7	Anthracene	ND	110	39	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	26	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	27	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	51	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	64	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	37	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	47	ug/kg	
106-47-8	4-Chloroaniline	ND	570	50	ug/kg	
86-74-8	Carbazole	ND	110	48	ug/kg	
218-01-9	Chrysene	ND	110	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	54	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	59	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	80	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	47	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	59	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	44	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	29	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	46	ug/kg	
132-64-9	Dibenzofuran	ND	110	55	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	33	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	31	ug/kg	
84-66-2	Diethyl phthalate	ND	290	42	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	47	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	51	ug/kg	
206-44-0	Fluoranthene	ND	110	35	ug/kg	
86-73-7	Fluorene	ND	110	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	50	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	61	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND UJ	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	76	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	36	ug/kg	
78-59-1	Isophorone	ND	290	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	59	ug/kg	
88-74-4	2-Nitroaniline	ND	570	42	ug/kg	
99-09-2	3-Nitroaniline	ND	570	63	ug/kg	
100-01-6	4-Nitroaniline	ND	570	57	ug/kg	
91-20-3	Naphthalene	ND	110	44	ug/kg	
98-95-3	Nitrobenzene	ND	290	55	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	70	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	33	ug/kg	
85-01-8	Phenanthrene	ND	110	34	ug/kg	
129-00-0	Pyrene	ND	110	35	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		30-130%
4165-62-2	Phenol-d5	62%		30-130%
118-79-6	2,4,6-Tribromophenol	66%		30-130%
4165-60-0	Nitrobenzene-d5	62%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

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Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.2
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ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	76%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Raw Data: W12956.D

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Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12956.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	91	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	70	ug/kg	
95-48-7	2-Methylphenol	ND	560	22	ug/kg	
	3&4-Methylphenol	ND	560	27	ug/kg	
88-75-5	2-Nitrophenol	ND	560	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	39	ug/kg	
108-95-2	Phenol	ND	280	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	560	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/17/14

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	16.5	280	10	ug/kg	J
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	560	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	560	13	ug/kg	
99-09-2	3-Nitroaniline	ND	560	30	ug/kg	
100-01-6	4-Nitroaniline	ND	560	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		30-130%
4165-62-2	Phenol-d5	63%		30-130%
118-79-6	2,4,6-Tribromophenol	71%		30-130%
4165-60-0	Nitrobenzene-d5	64%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/17/14

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

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Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12957.D	1	06/10/13	KR	06/08/13	OP33547	MSW596
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	280	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	280	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	10	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		30-130%
4165-62-2	Phenol-d5	61%		30-130%
118-79-6	2,4,6-Tribromophenol	71%		30-130%
4165-60-0	Nitrobenzene-d5	63%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/7/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Raw Data: R31374.D

7

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

4.7 4

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31374.D	1	06/12/13	KR	06/10/13	OP33559	MSR1141
Run #2							

	Initial Volume	Final Volume
Run #1	940 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND R	5.3	0.41	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	11	0.52	ug/l	
120-83-2	2,4-Dichlorophenol	ND	11	0.35	ug/l	
105-67-9	2,4-Dimethylphenol	ND	11	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	2.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	1.3	ug/l	
95-48-7	2-Methylphenol	ND	11	1.4	ug/l	
	3&4-Methylphenol	ND	11	2.2	ug/l	
88-75-5	2-Nitrophenol	ND	11	0.53	ug/l	
100-02-7	4-Nitrophenol	ND	21	0.62	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	5.3	0.54	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	11	0.61	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	11	0.34	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.59	ug/l	
120-12-7	Anthracene	ND	2.1	0.22	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.29	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	0.22	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	0.91	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	11	0.27	ug/l	
86-74-8	Carbazole	ND	2.1	0.23	ug/l	
218-01-9	Chrysene	ND	2.1	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	0.22	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	0.25	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	0.21	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.28	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	0.72	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.23	ug/l	
132-64-9	Dibenzofuran	ND	2.1	0.17	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	0.41	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	0.53	ug/l	
131-11-3	Dimethyl phthalate	ND	5.3	0.53	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.52	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.24	ug/l	
86-73-7	Fluorene	ND	2.1	0.25	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	0.32	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.3	0.31	ug/l	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	11	2.7	ug/l	
67-72-1	Hexachloroethane	ND	5.3	0.47	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	0.29	ug/l	
78-59-1	Isophorone	ND	5.3	0.21	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.42	ug/l	
88-74-4	2-Nitroaniline	ND	11	0.30	ug/l	
99-09-2	3-Nitroaniline	ND	11	0.53	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.6	ug/l	
91-20-3	Naphthalene	ND	2.1	0.18	ug/l	
98-95-3	Nitrobenzene	ND	5.3	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	0.86	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.58	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.22	ug/l	
129-00-0	Pyrene	ND	2.1	0.24	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	0% [a]		15-110%
4165-62-2	Phenol-d5	0% [a]		15-110%
118-79-6	2,4,6-Tribromophenol	0% [a]		15-110%
4165-60-0	Nitrobenzene-d5	58%		30-130%
321-60-8	2-Fluorobiphenyl	58%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	68%		30-130%

(a) Acid extraction not performed. Acid target analyte recovery biased low.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BE37026.D BE37039.D

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8081 SW846 3546	Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37026.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37039.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2	20.2 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.9	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.9	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.9	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.9	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.9	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.9	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.9	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.9	1.9	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.9	1.9	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.9	2.4	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.9	1.8	ug/kg	
72-20-8	Endrin	ND	5.9	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.9	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.9	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.9	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.9	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.9	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.9	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.9	2.4	ug/kg	
53494-70-5	Endrin ketone	ND	5.9	2.1	ug/kg	
8001-35-2	Toxaphene	ND	59	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%	72%	30-150%
877-09-8	Tetrachloro-m-xylene	62%	64%	30-150%
2051-24-3	Decachlorobiphenyl	68%	78%	30-150%
2051-24-3	Decachlorobiphenyl	66%	71%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/17/14

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8081 SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37027.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37040.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.9 g	10.0 ml
Run #2	20.9 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.5	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.5	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.5	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.5	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.5	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.5	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.5	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.5	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.5	1.8	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.5	2.3	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.5	1.7	ug/kg	
72-20-8	Endrin	ND	5.5	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.5	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.5	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.5	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.5	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.5	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.5	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.5	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.5	2.0	ug/kg	
8001-35-2	Toxaphene	ND	55	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%	72%	30-150%
877-09-8	Tetrachloro-m-xylene	67%	74%	30-150%
2051-24-3	Decachlorobiphenyl	68%	68%	30-150%
2051-24-3	Decachlorobiphenyl	66%	64%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BE37028.D BE37041.D

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8081 SW846 3546	Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37028.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37041.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.1 g	10.0 ml
Run #2	20.1 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.8	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.8	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.8	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.8	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.8	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.8	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.8	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.8	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.8	1.9	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.8	2.4	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.8	1.8	ug/kg	
72-20-8	Endrin	ND	5.8	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.8	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.8	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.8	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.8	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.8	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.8	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.8	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.8	2.1	ug/kg	
8001-35-2	Toxaphene	ND	58	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%	68%	30-150%
877-09-8	Tetrachloro-m-xylene	67%	63%	30-150%
2051-24-3	Decachlorobiphenyl	69%	64%	30-150%
2051-24-3	Decachlorobiphenyl	67%	62%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BE37058.D

7

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37058.D	1	06/12/13	AP	06/10/13	OP33565	GBE1929
Run #2							

	Initial Volume	Final Volume
Run #1	750 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.067	0.028	ug/l	
319-84-6	alpha-BHC	ND	0.067	0.023	ug/l	
319-85-7	beta-BHC	ND	0.067	0.029	ug/l	
319-86-8	delta-BHC	ND	0.067	0.029	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.067	0.028	ug/l	
5103-71-9	alpha-Chlordane	ND	0.067	0.041	ug/l	
5103-74-2	gamma-Chlordane	ND	0.067	0.039	ug/l	
60-57-1	Dieldrin	ND	0.067	0.026	ug/l	
72-54-8	4,4'-DDD	ND	0.067	0.029	ug/l	
72-55-9	4,4'-DDE	ND	0.067	0.027	ug/l	
50-29-3	4,4'-DDT	ND	0.067	0.032	ug/l	
72-20-8	Endrin	ND	0.067	0.024	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.067	0.021	ug/l	
7421-93-4	Endrin aldehyde	ND	0.067	0.022	ug/l	
53494-70-5	Endrin ketone	ND	0.067	0.039	ug/l	
959-98-8	Endosulfan-I	ND	0.067	0.025	ug/l	
33213-65-9	Endosulfan-II	ND	0.067	0.026	ug/l	
76-44-8	Heptachlor	ND	0.067	0.022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.067	0.024	ug/l	
72-43-5	Methoxychlor	ND	0.067	0.028	ug/l	
8001-35-2	Toxaphene	ND	3.3	0.22	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	81%		30-150%
2051-24-3	Decachlorobiphenyl	70%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BK25760.D

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8082 SW846 3546	Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25760.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	30	13	ug/kg	
11104-28-2	Aroclor 1221	ND	30	18	ug/kg	
11141-16-5	Aroclor 1232	ND	30	14	ug/kg	
53469-21-9	Aroclor 1242	ND	30	15	ug/kg	
12672-29-6	Aroclor 1248	ND	30	13	ug/kg	
11097-69-1	Aroclor 1254	ND	30	22	ug/kg	
11096-82-5	Aroclor 1260	ND	30	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW1/17/14

Raw Data: BK25761.D

4

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Report of Analysis

4.4 4

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8082 SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25761.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	20	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	88%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%
2051-24-3	Decachlorobiphenyl	94%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BK25762.D

6

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
Method:	SW846 8082 SW846 3546	Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25762.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	80%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Raw Data: BK25782.D

7

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

4.7
4

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25782.D	1	06/12/13	NK	06/10/13	OP33564	GBK889
Run #2							

	Initial Volume	Final Volume
Run #1	750 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND UJ	0.33	0.092	ug/l	
11104-28-2	Aroclor 1221	ND	0.33	0.096	ug/l	
11141-16-5	Aroclor 1232	ND	0.33	0.22	ug/l	
53469-21-9	Aroclor 1242	ND	0.33	0.14	ug/l	
12672-29-6	Aroclor 1248	ND	0.33	0.20	ug/l	
11097-69-1	Aroclor 1254	ND	0.33	0.097	ug/l	
11096-82-5	Aroclor 1260	ND	0.33	0.083	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	0% [a]		30-150%
877-09-8	Tetrachloro-m-xylene	94%		30-150%
2051-24-3	Decachlorobiphenyl	81%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%

(a) Indeterminate due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1820	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	0.94 B J	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	10.2	5.4	0.078	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.13 B J	0.43	0.026	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.19 B J	0.43	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	28000	540	6.7	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.1 J	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	1.5 B J	5.4	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	6.4	2.7	0.60	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4120	11	0.93	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.3	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	13200	540	5.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	181 J	1.6	0.043	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.010 U	0.036	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	3.0 B J	4.3	0.047	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	342 B J	540	9.2	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.54	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	197 B U	540	3.6	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	6.5	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	61.9 J	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1880	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	1.2	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	22.3	5.4	0.078	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.096 B J	0.43	0.026	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.20 B J	0.43	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	43200	540	6.7	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	3.9 J	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	1.6 B	5.4	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	5.3	2.7	0.59	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4850	11	0.93	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	6.3	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	18400	540	5.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	187 J	1.6	0.043	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.021 B J	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	3.3 B J	4.3	0.047	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	483 B J	540	9.2	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.54	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	156 B U	540	3.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	7.2	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	62.3 J	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3400	21	3.8	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.16 U	1.1	0.16	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	0.94 B J	1.1	0.22	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	24.4	5.3	0.077	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.15 B	0.42	0.025	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.17 B	0.42	0.045	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	50700	530	6.6	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Chromium	5.8 J	1.1	0.10	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.7 B	5.3	0.050	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	7.4	2.6	0.59	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	6490	11	0.92	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	8.1	1.1	0.18	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	23200	530	5.4	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	294 J	1.6	0.042	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.017 B	0.035	0.010	mg/kg	1	06/07/13	06/07/13	SA	SW846 7471B [2]	SW846 7471B [3]
Nickel	4.8	4.2	0.046	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	830	530	9.0	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	207 B U	530	3.5	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	9.3	1.1	0.14	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	43.4 J	2.1	0.17	mg/kg	1	06/07/13	06/07/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA15716
(2) Instrument QC Batch: MA15719
(3) Prep QC Batch: MP21134
(4) Prep QC Batch: MP21135

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	80.8 B	5000	38	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	20 U	100	20	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	0.81 U	15	0.81	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	06/10/13	06/11/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	398 B	5000	60	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	0.50 U	20	0.50	ug/l	1	06/07/13	06/10/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15725
(2) Instrument QC Batch: MA15729
(3) Prep QC Batch: MP21131
(4) Prep QC Batch: MP21144

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/17/14

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW3-6-16		
Lab Sample ID:	MC21507-2	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	83.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.14	0.14	mg/kg	1	06/07/13 15:54	MA	SW846 9012 M
Solids, Percent	83.9		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/17/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW4-6-18		
Lab Sample ID:	MC21507-4	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.14	0.14	mg/kg	1	06/07/13 16:01	MA	SW846 9012 M
Solids, Percent	86.4		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 11/7/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW6-4-14		
Lab Sample ID:	MC21507-6	Date Sampled:	06/05/13
Matrix:	SO - Soil	Date Received:	06/06/13
		Percent Solids:	86.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/07/13 16:02	MA	SW846 9012 M
Solids, Percent	86		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/17/14

7

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EB1		
Lab Sample ID:	MC21507-7	Date Sampled:	06/05/13
Matrix:	AQ - Equipment Blank	Date Received:	06/06/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.7
4

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	06/10/13 13:36	MA	SW846 9012

RL = Reporting Limit

MW 11/7/14

February 14, 2014

In response to job inquiries into Accutest data validation reports for data flags, review indicated the following.

Accutest evaluates data according to SW846 methods and associated quality controls. Defined data qualifiers are in place as directed by TNI (NELAC Institute) and associated laboratory technical guidance documents.

Copies of Accutest Quality Systems Manual (QSM) with the section specified for data qualifiers and the associated additional qualifiers form have been supplied with this response.

Please don't hesitate to call me at (508) 481-6200 ext. 2117 if you have any questions or require additional information. I can also be reached by email at robertt@accutest.com.

Sincerely,

Robert Treggiari | Quality Assurance Manager

Accutest Laboratories of New England

Tel: 508-481 6200 x 2117

Fax: 508-481 7753

"The National Testing Laboratory with Total Performance you can count on"

Qualifier Definitions

Organics:

ND	**=**	**Not detected**
RL	**=**	**Reporting Limit**
MDL	**=**	**Method Detection Limit**
E	**=**	**Indicates value exceeds calibration range**
J	**=**	**Indicates an estimated value**
B	**=**	**Indicates analyte found in associated method blank**
N	**=**	**Indicates presumptive evidence of a compound**

Inorganics:

RL	**=**	**Reporting Limit**
MDL	**=**	**Method Detection Limit**
IDL	**=**	**Instrument Detection Limit**
U	**=**	**Indicates a result < IDL**
B	**=**	**Indicates a result >=IDL but < RL**
N	**=**	**Spike sample recovery is not within control limits**
*****	**=**	**Duplicate or matrix spike duplicate analysis is not within control limits**

quantitation. Their response is compared to reference standards and used to evaluate instrument sensitivity on a sample specific basis. Internal standard retention time is also compared to reference standards to assure that target analytes are capable of being located by their individual relative retention time.

If internal standard response criteria are not achieved, corrective action or additional action may be required. The recommended action must be completed before sample data can be reported.

If the internal standard retention time criteria are not achieved corrective action or additional action may be required. This may include re-calibration and re-analysis. Additional action must be completed before sample data is reported.

Microbiological Quality Control. Microbiological Quality Control procedures are described in detail in the individual analytical standard operating procedures (SOPs) and the Microbiological Quality Control SOP .

12.4 ***Laboratory Derived Quality Control Criteria.*** Control criteria for in-house methods and client specific modifications that exceed the scope of published methodology are defined and documented prior to the use of the method. The Quality Assurance Officer is responsible for identifying additional control criteria needs. Control parameters and criteria, based on best technical judgment are established using input provided by the operations staff. These control parameters and criteria are documented and incorporated into the method.

The laboratory-derived criteria are evaluated for technical soundness on spiked samples prior to the use of the method on field samples. The technical evaluation is documented and archived by the Quality Assurance Staff.

When sufficient data from the laboratory developed control parameter is accumulated, the data is statistically processed and the experimentally derived control limits are incorporated into the method. This process is performed on at least an annual basis.

12.5 ***Bench Review & Corrective Action***. The bench chemists are responsible for all QC parameters. Before proceeding with sample analysis, they are required to successfully meet all instrumental QC criteria. They have the authority to perform any necessary corrective action before proceeding with sample analysis. Their authority includes the responsibility for assuring that departures from documented policies and procedures do not occur.

The bench chemists are also responsible for all sample QC parameters. If the sample QC criteria are not achieved, they are authorized and required to perform the method specified corrective action before reporting sample data.

12.6 **Data Qualifiers.** An alpha character coding system is employed for defining use limitations for reported data. These limitations are applied to analytical data by the analyst to clarify the usefulness of the reported data for data user. Common data qualifiers and their definitions are as follows (refer to form QA108 for additional qualifiers):

Organics.

J: Indicates an estimated value. Applied to calculated concentrations for tentatively identified compounds and qualitatively identified compounds whose concentration is below the reporting limit, but above the MDL.

N: Indicates qualitative evidence of a tentatively identified compound whose identification is based on a mass spectral library search and is applied to all TIC results.

B: Used for analytes detected in the sample and its associated method blank.

E: Applied to compounds whose concentration exceeds the upper limit of the calibration range.

Metals and Inorganics.

B: Applied if the reported concentration value was less than the reporting limit but greater than the MDL.

U: Applied if the reading is less than the MDL (or IDL if IDL reporting is being used).

N: Spike sample recovery not within control limits.

*: Duplicate or matrix spike duplicate analysis not within control limits.

12.7 ***QA Monitoring***. The QA staff conducts a spot review of completed data packages prior to client release for specified projects. This review includes an examination of QC data for compliance and trends indicative of systematic difficulties. If non-conformances are detected, the QA staff places an immediate stop on the release of the data and initiates corrective action to rectify the situation. The data package is released when the package becomes compliant with all quality requirements. If compliance is not possible, the data is qualified and an appropriate case narrative is generated for inclusion in the data package.

If the review reveals trends indicative of systematic problems, QA initiates an investigation to determine the cause. If process defects are detected, a corrective action is implemented and monitored for effectiveness.

Additionally, QA must conduct a review of a minimum of 10% of DoD data packages annually. This review may occur prior to release of the data package or may be performed on closed projects.

Performance Limits. The Quality Assurance Officer is responsible for compilation and maintenance of all precision and accuracy data used for performance limits. Quality control data for all test methods are accumulated and stored in the laboratory information management system (LIMS). Parameter specific QC data is extracted annually and statically processed to eliminate outliers and develop laboratory specific warning limits and control limits. The new limits are reviewed and approved by the supervisory staff prior to their use for data assessment. The new limits are used to evaluate QC data for

February 14, 2014

In response to job inquiries into Accutest report numbers MC21507, MC22374 and MC22375 data review indicated the following.

The Minimum Response Factor for Acetone and 2-Butanone are not regulated by method 8260B. According to sections 7.3.5 and 7.3.6 of the method, System Performance Check Compounds (SPCCs) and Calibration Check Compounds (CCCs) are to be evaluated for minimum response factor. These compounds do not include Acetone or 2-Butanone. Accutest feels proper evaluation was conducted to meet method criteria and that associated sample data should not be rejected without further explanation.

2,4-Dinitrophenol for sample MC21507-2 should not be rejected as evaluation of acceptance is supported by acceptable recovery within the associated Blank Spike (BS) analysis. Evaluation of a Matrix Spike and Matrix Spike Duplicate (MS/MSD) pair is conducted for interference evaluation introduced by the sample matrix. If poor recovery exists within the associated Matrix Spike and Matrix Spike Duplicate, matrix interference should be assumed.

For the associated acid compounds in sample MC21507-7, (Equipment Blank), insufficient sample was available to perform the acid analysis so this data rejection can be assumed.

Please don't hesitate to call me at (508) 481-6200 ext. 2117 if you have any questions or require additional information. I can also be reached by email at robertt@accutest.com.

Sincerely,

Robert Treggiari* | *Quality Assurance Manager

Accutest Laboratories of New England

Tel: 508-481 6200 x 2117

Fax: 508-481 7753

"The National Testing Laboratory with Total Performance you can count on"

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC21554
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 16, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP-MW5-8-10	MC21554-1	Soil
2α	BCP-MW5-8-18	MC21554-2	Soil

* - Analyzed for VOC only α - Analyzed for SVOC, Pesticides, PCBs, Metals, Mercury, and Cyanide

A Data Usability Summary Review was performed on the analytical data for two soil samples collected on June 7, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;

- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Chloromethane was qualified as estimated in one sample due to a high continuing calibration %D value.
- 2,4-Dinitrophenol was qualified as estimated in one sample due to a high continuing calibration %D value.
- Three metals compounds were qualified as estimated in one sample due to low/high matrix spike recoveries.
- Ten metals compounds were qualified as estimated in one sample due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSK2321-BS	Chloromethane	156%	None	Sample ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/11/13	Chloromethane	35.2%	J/UJ	1

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP33547-BS	n-Nitrosodiphenylamine	161%	None	Sample ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/10/13 (0524)	2,4-Dinitrophenol	23.9%	J/UJ	2

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Arsenic	OK/138.8%/OK	J	2
	Antimony	46.0%/50.7%/OK	J/UJ	
	Potassium	74.3%/72.7%/OK	J/UJ	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Beryllium	14.3%	J/UJ	2
	Calcium	11.6%	J/UJ	
	Chromium	11.4%	J/UJ	
	Cobalt	11.3%	J/UJ	
	Iron	14.8%	J/UJ	
	Lead	13.2%	J/UJ	
	Magnesium	10.3%	J/UJ	
	Manganese	13.2%	J/UJ	
	Nickel	12.6%	J/UJ	
	Potassium	12.0%	None	See MS/MSD
	Zinc	13.5%	J/UJ	2

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: K70969.D

1

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-10		
Lab Sample ID:	MC21554-1	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8260B	Percent Solids:	87.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K70969.D	1	06/11/13	GK	n/a	n/a	MSK2321
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.16 g	10.0 ml	50.0 ul
Run #2			

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2900	360	ug/kg	
71-43-2	Benzene	ND	140	85	ug/kg	
75-27-4	Bromodichloromethane	ND	580	61	ug/kg	
75-25-2	Bromoform	ND	580	580	ug/kg	
74-83-9	Bromomethane	ND	580	150	ug/kg	
78-93-3	2-Butanone (MEK)	ND	1400	360	ug/kg	
104-51-8	n-Butylbenzene	656	1400	53	ug/kg	J
135-98-8	sec-Butylbenzene	1100	1400	66	ug/kg	J
98-06-6	tert-Butylbenzene	ND	1400	250	ug/kg	
75-15-0	Carbon disulfide	ND	1400	47	ug/kg	
56-23-5	Carbon tetrachloride	ND	580	210	ug/kg	
108-90-7	Chlorobenzene	ND	580	79	ug/kg	
75-00-3	Chloroethane	ND	1400	360	ug/kg	
67-66-3	Chloroform	ND	580	150	ug/kg	
74-87-3	Chloromethane	~~ND~~ UJ	1400	130	ug/kg	
124-48-1	Dibromochloromethane	ND	580	85	ug/kg	
75-34-3	1,1-Dichloroethane	ND	580	78	ug/kg	
107-06-2	1,2-Dichloroethane	ND	580	83	ug/kg	
75-35-4	1,1-Dichloroethene	ND	580	110	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	580	87	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	580	83	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	580	83	ug/kg	
78-87-5	1,2-Dichloropropane	ND	580	110	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	580	49	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	580	140	ug/kg	
100-41-4	Ethylbenzene	ND	580	70	ug/kg	
591-78-6	2-Hexanone	ND	1400	360	ug/kg	
98-82-8	Isopropylbenzene	959	1400	66	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	1400	51	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	580	83	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	1400	140	ug/kg	
75-09-2	Methylene chloride	ND	580	330	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW5-8-10		
Lab Sample ID:	MC21554-1	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8260B	Percent Solids:	87.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	361	1400	360	ug/kg	J
103-65-1	n-Propylbenzene	1550	1400	290	ug/kg	
100-42-5	Styrene	ND	1400	67	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	580	120	ug/kg	
127-18-4	Tetrachloroethene	ND	580	66	ug/kg	
108-88-3	Toluene	ND	1400	240	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	580	91	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	580	210	ug/kg	
79-01-6	Trichloroethene	ND	580	61	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2700	1400	65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	544	1400	62	ug/kg	J
75-01-4	Vinyl chloride	ND	580	79	ug/kg	
	m,p-Xylene	ND	580	230	ug/kg	
95-47-6	o-Xylene	ND	580	69	ug/kg	
1330-20-7	Xylene (total)	ND	580	69	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	116%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W12980.D	1	06/10/13	KR	06/08/13	OP33547	MSW597
Run #2							

	Initial Weight	Final Volume
Run #1	20.9 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	550	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	550	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	550	90	ug/kg	
51-28-5	2,4-Dinitrophenol	~~ND~~ UJ	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	550	69	ug/kg	
95-48-7	2-Methylphenol	ND	550	22	ug/kg	
	3&4-Methylphenol	ND	550	27	ug/kg	
88-75-5	2-Nitrophenol	ND	550	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	550	39	ug/kg	
108-95-2	Phenol	ND	280	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	550	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	550	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	550	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	550	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	550	10	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.6	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	48.2	280	10	ug/kg	J
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	550	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	550	13	ug/kg	
99-09-2	3-Nitroaniline	ND	550	30	ug/kg	
100-01-6	4-Nitroaniline	ND	550	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		30-130%
4165-62-2	Phenol-d5	61%		30-130%
118-79-6	2,4,6-Tribromophenol	70%		30-130%
4165-60-0	Nitrobenzene-d5	62%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/16/14

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8270C SW846 3546	Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	79%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: BE37029.D BE37042.D

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8081 SW846 3546	Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37029.D	1	06/11/13	AP	06/08/13	OP33549	GBE1927
Run #2	BE37042.D	1	06/12/13	AP	06/08/13	OP33549	GBE1928

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2	20.5 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND [a]	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND [a]	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND [a]	5.6	1.8	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%	66%	30-150%
877-09-8	Tetrachloro-m-xylene	66%	65%	30-150%
2051-24-3	Decachlorobiphenyl	73%	66%	30-150%
2051-24-3	Decachlorobiphenyl	70%	63%	30-150%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Raw Data: BK25763.D

2

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
Method:	SW846 8082 SW846 3546	Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK25763.D	1	06/11/13	NK	06/08/13	OP33548	GBK888
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	99%		30-150%
2051-24-3	Decachlorobiphenyl	97%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
		Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5940	20	3.6	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.15 UJ	1.0	0.15	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	2.5 J	1.0	0.21	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	52.5	5.0	0.072	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.35 BJ	0.40	0.024	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.14 BJ	0.40	0.042	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	55500 J	500	6.3	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	9.0 J	1.0	0.095	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	6.1 J	5.0	0.047	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	10.9	2.5	0.55	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	14100 J	10	0.87	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	11.2 J	1.0	0.17	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	23600 J	500	5.1	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	330 J	1.5	0.040	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.020 BJ	0.037	0.011	mg/kg	1	06/11/13	06/12/13	SA	SW846 7471B [1]	SW846 7471B [4]
Nickel	11.0 J	4.0	0.044	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	1430 J	500	8.5	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.35 U	1.0	0.35	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.12 U	0.50	0.12	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	317 BJ	500	3.3	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.13 U	1.0	0.13	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	14.1	1.0	0.13	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	52.6 J	2.0	0.16	mg/kg	1	06/10/13	06/11/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA15727
(2) Instrument QC Batch: MA15733
(3) Prep QC Batch: MP21141
(4) Prep QC Batch: MP21146

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/16/14

Accutest LabLink@144612 16:27 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-MW5-8-18		
Lab Sample ID:	MC21554-2	Date Sampled:	06/06/13
Matrix:	SO - Soil	Date Received:	06/07/13
		Percent Solids:	86.6
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	06/10/13 12:48	MA	SW846 9012 M
Solids, Percent	86.6		%	1	06/07/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW1/16/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC22176
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 18, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP BH-9-2-4	MC22176-1	Soil
2α	BCP BH-9-0-6	MC22176-2	Soil
2MS†	BCP BH-9-0-6MS	MC22176-2MS	Soil
2MSD†	BCP BH-9-0-6MSD	MC22176-2MSD	Soil
3*	BCP BH-10-4-6	MC22176-3	Soil
4α	BCP BH-10-0-6	MC22176-4	Soil
5*	BCP BH-11-4-6	MC22176-5	Soil
6α	BCP BH-11-0-6	MC22176-6	Soil
6MSβ	BCP BH-11-0-6MS	MC22176-6MS	Soil
6MSDβ	BCP BH-11-0-6MSD	MC22176-6MSD	Soil
7	EB-2	MC22176-7	Water

* - Analyzed for VOC only
† - Analyzed for SVOC only
α - Analyzed for SVOC, Pesticides, PCBs, Metals, Mercury, and Cyanide
β - Analyzed for Pesticides and PCBs only

A Data Usability Summary Review was performed on the analytical data for six soil samples and one aqueous equipment blank sample collected on June 25, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7470A/7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- 4-Methyl-2-pentanone was qualified as estimated in one sample due to a low LCS recovery.

- Several VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Bis(2-ethylhexyl)phthalate was qualified as nondetected in one sample due to method blank contamination.
- Four SVOC compounds were qualified as estimated in one sample due to low LCS recoveries.
- Four metals compounds were qualified as estimated in three samples due to low matrix spike recoveries.
- Sodium was qualified as nondetected in two samples due to equipment blank contamination.
- Copper was qualified as estimated in three samples due to a high ICP serial dilution recovery.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water and soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSM1975-BS	Chloromethane	147%	None	All Associated ND
	2-Hexanone	156%	None	
	4-Methyl-2-pentanone	143%	None	
MSH2046-BS	4-Methyl-2-pentanone	64%	J/UJ	7
MSM1976-BS	Acetone	145%	None	All Associated ND
	Chloromethane	154%	None	
	2-Hexanone	177%	None	
	4-Methyl-2-pentanone	162%	None	

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Qualifier	Affected Samples
MSM1975-MB	Methylene chloride	10.3	None	All Associated ND
MSM1976-MB	Methylene chloride	9.1	None	All Associated ND

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL of methylene chloride, 2-butanone or acetone (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-2	Methylene Chloride	0.52	None	All ND

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
06/28/13	Chloromethane	47.0%	J/UJ	1, 3
	4-Methyl-2-pentanone	42.9%	J/UJ	
	2-Hexanone	56.1%	J/UJ	
06/29/13	Chloromethane	22.7%	J/UJ	7
	Naphthalene	29.0%	J/UJ	
07/01/13	Chloromethane	53.9%	J/UJ	5
	Chloroethane	23.8%	J/UJ	
	Acetone	44.8%	J/UJ	
	2-Butanone	26.7%	J/UJ	
	4-Methyl-2-pentanone	61.6%	J/UJ	
	2-Hexanone	76.8%	J/UJ	

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Sample
2	n-Nitrosodiphenylamine	183%/183%/OK	None	Sample ND

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP33802-BS	n-Nitrosodiphenylamine	187%	None	All Associated ND
OP33784-BS	Dimethyl phthalate	23%	J/UJ	7
	Hexachlorobutadiene	35%	J/UJ	
	Hexachlorocyclopentadiene	15%	J/UJ	
	Hexachloroethane	35%	J/UJ	

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For

detected sample concentrations >RL of phthalate esters (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Qualifier	Affected Samples
OP33802-MB	Butylbenzylphthalate	10.1	None	All Associated ND
	Bis(2-ethylhexyl)phthalate	24.1	U	2

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-2	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for water samples, 14 days for soil samples and analyzed within 40 days for all samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-2	None - ND	-	-	-

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	56.6%/54.3%/OK	J/UJ	2, 4, 6
	Magnesium	59.0%/OK/OK	J/UJ	
	Manganese	32.8%/63.6%/OK	J/UJ	
	Potassium	67.7%/OK/OK	J/UJ	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL and less than ten times (10x) the highest associated blank concentration (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-2	Calcium	47.9	None	All >10X
	Sodium	206	U	2, 6
	Zinc	0.50	None	All >10X

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Copper	13.2%	J/UJ	2, 4, 6

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M57498.D

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-9-2-4		
Lab Sample ID:	MC22176-1	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	80.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57498.D	1	06/29/13	KD	n/a	n/a	MSM1975
Run #2							

	Initial Weight	Final Volume
Run #1	6.16 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	1.3	ug/kg	
71-43-2	Benzene	6.1	0.50	0.30	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.21	ug/kg	
75-25-2	Bromoform	ND	2.0	2.0	ug/kg	
74-83-9	Bromomethane	ND	2.0	0.52	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.0	1.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.18	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.88	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	0.16	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.28	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.3	ug/kg	
67-66-3	Chloroform	ND	2.0	0.52	ug/kg	
74-87-3	Chloromethane	~~ND~~ UJ	5.0	0.47	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.30	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.0	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.0	0.29	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.0	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	0.30	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	0.29	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.29	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.37	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.17	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.50	ug/kg	
100-41-4	Ethylbenzene	2.0	2.0	0.24	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	5.0	1.3	ug/kg	
98-82-8	Isopropylbenzene	0.37	5.0	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	5.0	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.0	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	~~ND~~ UJ	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	2.0	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-9-2-4		
Lab Sample ID:	MC22176-1	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	80.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.0	ug/kg	
100-42-5	Styrene	ND	5.0	0.23	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.43	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.23	ug/kg	
108-88-3	Toluene	14.3	5.0	0.85	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.32	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.74	ug/kg	
79-01-6	Trichloroethene	ND	2.0	0.21	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.6	5.0	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	5.0	0.21	ug/kg	J
75-01-4	Vinyl chloride	ND	2.0	0.27	ug/kg	
	m,p-Xylene	10.8	2.0	0.79	ug/kg	
95-47-6	o-Xylene	3.5	2.0	0.24	ug/kg	
1330-20-7	Xylene (total)	14.3	2.0	0.24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		70-130%
2037-26-5	Toluene-D8	76%		70-130%
460-00-4	4-Bromofluorobenzene	86%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

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Report of Analysis

Client Sample ID:	BCP BH-10-4-6		
Lab Sample ID:	MC22176-3	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57499.D	1	06/29/13	KD	n/a	n/a	MSM1975
Run #2							

	Initial Weight	Final Volume
Run #1	5.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	11	1.3	ug/kg	
71-43-2	Benzene	10.1	0.53	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.22	ug/kg	
75-25-2	Bromoform	ND	2.1	2.1	ug/kg	
74-83-9	Bromomethane	ND	2.1	0.55	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.3	1.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	0.20	ug/kg	
135-98-8	sec-Butylbenzene	0.28	5.3	0.24	ug/kg	J
98-06-6	tert-Butylbenzene	ND	5.3	0.94	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	0.17	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.77	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.29	ug/kg	
75-00-3	Chloroethane	ND	5.3	1.3	ug/kg	
67-66-3	Chloroform	ND	2.1	0.55	ug/kg	
74-87-3	Chloromethane	~~ND~~ UJ	5.3	0.49	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.1	0.29	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.1	0.31	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.1	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.1	0.32	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.30	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.1	0.30	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.40	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.18	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.53	ug/kg	
100-41-4	Ethylbenzene	3.0	2.1	0.26	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	5.3	1.3	ug/kg	
98-82-8	Isopropylbenzene	0.43	5.3	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	5.3	0.19	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.1	0.31	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	~~ND~~ UJ	5.3	0.53	ug/kg	
75-09-2	Methylene chloride	ND	2.1	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-10-4-6		
Lab Sample ID:	MC22176-3	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	85.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.3	1.3	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	1.1	ug/kg	
100-42-5	Styrene	ND	5.3	0.25	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.45	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.24	ug/kg	
108-88-3	Toluene	22.5	5.3	0.90	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.33	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.78	ug/kg	
79-01-6	Trichloroethene	ND	2.1	0.22	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.6	5.3	0.24	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.9	5.3	0.23	ug/kg	J
75-01-4	Vinyl chloride	ND	2.1	0.29	ug/kg	
	m,p-Xylene	16.7	2.1	0.84	ug/kg	
95-47-6	o-Xylene	5.5	2.1	0.25	ug/kg	
1330-20-7	Xylene (total)	22.1	2.1	0.25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		70-130%
2037-26-5	Toluene-D8	75%		70-130%
460-00-4	4-Bromofluorobenzene	77%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: M57511.D

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Report of Analysis

4.5 4

Client Sample ID:	BCP BH-11-4-6		
Lab Sample ID:	MC22176-5	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	84.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M57511.D	1	07/01/13	KD	n/a	n/a	MSM1976
Run #2							

	Initial Weight	Final Volume
Run #1	6.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ UJ	9.1	1.2	ug/kg	
71-43-2	Benzene	7.3	0.46	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.19	ug/kg	
75-25-2	Bromoform	ND	1.8	1.8	ug/kg	
74-83-9	Bromomethane	ND	1.8	0.48	ug/kg	
78-93-3	2-Butanone (MEK)	~~ND~~ UJ	4.6	1.1	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.17	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	0.21	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	0.81	ug/kg	
75-15-0	Carbon disulfide	2.4	4.6	0.15	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.8	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.25	ug/kg	
75-00-3	Chloroethane	~~ND~~ UJ	4.6	1.2	ug/kg	
67-66-3	Chloroform	ND	1.8	0.47	ug/kg	
74-87-3	Chloromethane	~~ND~~ UJ	4.6	0.42	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.27	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.8	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.8	0.26	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.8	0.34	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.8	0.28	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.26	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.8	0.26	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.16	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.45	ug/kg	
100-41-4	Ethylbenzene	1.9	1.8	0.22	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	4.6	1.1	ug/kg	
98-82-8	Isopropylbenzene	0.39	4.6	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.8	0.26	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	~~ND~~ UJ	4.6	0.46	ug/kg	
75-09-2	Methylene chloride	ND	1.8	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-11-4-6		
Lab Sample ID:	MC22176-5	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	84.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.5 4

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.6	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	0.93	ug/kg	
100-42-5	Styrene	ND	4.6	0.21	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.39	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.21	ug/kg	
108-88-3	Toluene	14.9	4.6	0.78	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.29	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.67	ug/kg	
79-01-6	Trichloroethene	ND	1.8	0.19	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.4	4.6	0.20	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	2.1	4.6	0.20	ug/kg	J
75-01-4	Vinyl chloride	ND	1.8	0.25	ug/kg	
	m,p-Xylene	10.9	1.8	0.72	ug/kg	
95-47-6	o-Xylene	3.6	1.8	0.22	ug/kg	
1330-20-7	Xylene (total)	14.4	1.8	0.22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-130%
2037-26-5	Toluene-D8	76%		70-130%
460-00-4	4-Bromofluorobenzene	87%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: H61957.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H61957.D	1	06/29/13	AMY	n/a	n/a	MSH2046
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	~~ND~~ UJ	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	~~ND~~ UJ	5.0	1.3	ug/l	
75-09-2	Methylene chloride	0.52	2.0	0.41	ug/l	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

7

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	~~ND~~ UJ	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	89%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	113%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/8/14

Raw Data: W13616.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13616.D	1	07/03/13	KR	06/27/13	OP33802	MSW622
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	97	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	74	ug/kg	
95-48-7	2-Methylphenol	ND	590	24	ug/kg	
	3&4-Methylphenol	ND	590	29	ug/kg	
88-75-5	2-Nitrophenol	ND	590	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	590	42	ug/kg	
108-95-2	Phenol	ND	300	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	15	ug/kg	
83-32-9	Acenaphthene	49.3	120	16	ug/kg	J
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	75.7	120	14	ug/kg	J
56-55-3	Benzo(a)anthracene	90.5	120	15	ug/kg	J
50-32-8	Benzo(a)pyrene	62.7	120	13	ug/kg	J
205-99-2	Benzo(b)fluoranthene	48.7	120	15	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	27.7	120	12	ug/kg	J
207-08-9	Benzo(k)fluoranthene	51.4	120	18	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	300	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	16	ug/kg	
106-47-8	4-Chloroaniline	ND	590	15	ug/kg	
86-74-8	Carbazole	21.1	120	14	ug/kg	J
218-01-9	Chrysene	102	120	15	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	300	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	300	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	300	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	300	16	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	27.6	120	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	300	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	9.3	ug/kg	
84-66-2	Diethyl phthalate	ND	300	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	~~62.1~~ ND	300	11	ug/kg	~~JB~~
206-44-0	Fluoranthene	185	120	16	ug/kg	
86-73-7	Fluorene	46.7	120	16	ug/kg	J
118-74-1	Hexachlorobenzene	ND	300	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	150	ug/kg	
67-72-1	Hexachloroethane	ND	300	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	26.0	120	13	ug/kg	J
78-59-1	Isophorone	ND	300	14	ug/kg	
91-57-6	2-Methylnaphthalene	22.8	120	15	ug/kg	J
88-74-4	2-Nitroaniline	ND	590	15	ug/kg	
99-09-2	3-Nitroaniline	ND	590	32	ug/kg	
100-01-6	4-Nitroaniline	ND	590	15	ug/kg	
91-20-3	Naphthalene	24.4	120	19	ug/kg	J
98-95-3	Nitrobenzene	ND	300	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	18	ug/kg	
85-01-8	Phenanthrene	229	120	16	ug/kg	
129-00-0	Pyrene	152	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		30-130%
4165-62-2	Phenol-d5	81%		30-130%
118-79-6	2,4,6-Tribromophenol	75%		30-130%
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/18/14

Raw Data: R31968.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31968.D	1	07/03/13	KR	06/27/13	OP33802	MSR1165
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	300	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	590	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	590	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	590	96	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	590	74	ug/kg	
95-48-7	2-Methylphenol	ND	590	23	ug/kg	
	3&4-Methylphenol	ND	590	29	ug/kg	
88-75-5	2-Nitrophenol	ND	590	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	590	42	ug/kg	
108-95-2	Phenol	ND	300	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	590	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	590	15	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	300	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	300	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	300	16	ug/kg	
106-47-8	4-Chloroaniline	ND	590	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	300	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	300	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	300	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	300	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.4 4

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	300	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	300	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	300	16	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	590	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	590	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	300	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	ND	120	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	300	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	300	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	300	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	300	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	156	300	11	ug/kg	J
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	300	19	ug/kg	
87-68-3	Hexachlorobutadiene	ND	300	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	590	150	ug/kg	
67-72-1	Hexachloroethane	ND	300	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
78-59-1	Isophorone	ND	300	14	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	590	15	ug/kg	
99-09-2	3-Nitroaniline	ND	590	32	ug/kg	
100-01-6	4-Nitroaniline	ND	590	15	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
98-95-3	Nitrobenzene	ND	300	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	300	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	300	18	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	300	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		30-130%
4165-62-2	Phenol-d5	74%		30-130%
118-79-6	2,4,6-Tribromophenol	55%		30-130%
4165-60-0	Nitrobenzene-d5	68%		30-130%
321-60-8	2-Fluorobiphenyl	83%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: R31969.D

6

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R31969.D	1	07/03/13	KR	06/27/13	OP33802	MSR1165
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	95	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	73	ug/kg	
95-48-7	2-Methylphenol	ND	580	23	ug/kg	
	3&4-Methylphenol	ND	580	28	ug/kg	
88-75-5	2-Nitrophenol	ND	580	16	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	580	41	ug/kg	
108-95-2	Phenol	ND	290	17	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	15	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	14	ug/kg	
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	16.7	120	15	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	16	ug/kg	
106-47-8	4-Chloroaniline	ND	580	15	ug/kg	
86-74-8	Carbazole	ND	120	14	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	14	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	17	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	15	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
132-64-9	Dibenzofuran	ND	120	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	31	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	290	15	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	150	290	11	ug/kg	J
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	580	150	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	580	15	ug/kg	
99-09-2	3-Nitroaniline	ND	580	32	ug/kg	
100-01-6	4-Nitroaniline	ND	580	15	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
98-95-3	Nitrobenzene	ND	290	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	17	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	18	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	16.3	120	14	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	82%		30-130%
4165-62-2	Phenol-d5	81%		30-130%
118-79-6	2,4,6-Tribromophenol	77%		30-130%
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

b

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8270C SW846 3546	Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

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ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: W13489.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13489.D	1	06/29/13	KR	06/27/13	OP33784	MSW616
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.3	0.40	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	11	0.52	ug/l	
120-83-2	2,4-Dichlorophenol	ND	11	0.35	ug/l	
105-67-9	2,4-Dimethylphenol	ND	11	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	21	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	11	1.3	ug/l	
95-48-7	2-Methylphenol	ND	11	1.4	ug/l	
	3&4-Methylphenol	ND	11	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	11	0.53	ug/l	
100-02-7	4-Nitrophenol	ND	21	0.61	ug/l	
87-86-5	Pentachlorophenol	ND	11	1.3	ug/l	
108-95-2	Phenol	ND	5.3	0.54	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	11	0.60	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	11	0.33	ug/l	
83-32-9	Acenaphthene	ND	2.1	0.24	ug/l	
208-96-8	Acenaphthylene	ND	2.1	0.59	ug/l	
120-12-7	Anthracene	ND	2.1	0.22	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.1	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.1	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.1	0.24	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.1	0.27	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.1	0.28	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.3	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.3	0.90	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.3	0.97	ug/l	
106-47-8	4-Chloroaniline	ND	11	0.26	ug/l	
86-74-8	Carbazole	ND	2.1	0.22	ug/l	
218-01-9	Chrysene	ND	2.1	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.3	0.22	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.3	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.3	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.3	0.21	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

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ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.3	0.27	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.3	0.27	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.3	0.26	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	11	0.71	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	11	0.68	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.3	0.53	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.1	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.1	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.3	0.41	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.3	0.46	ug/l	
84-66-2	Diethyl phthalate	ND	5.3	0.53	ug/l	
131-11-3	Dimethyl phthalate	~~ND~~ UJ	5.3	0.53	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	0.51	ug/l	
206-44-0	Fluoranthene	ND	2.1	0.23	ug/l	
86-73-7	Fluorene	ND	2.1	0.25	ug/l	
118-74-1	Hexachlorobenzene	ND	5.3	0.31	ug/l	
87-68-3	Hexachlorobutadiene	~~ND~~ UJ	5.3	0.31	ug/l	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	11	2.6	ug/l	
67-72-1	Hexachloroethane	~~ND~~ UJ	5.3	0.46	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.1	0.29	ug/l	
78-59-1	Isophorone	ND	5.3	0.21	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.1	0.41	ug/l	
88-74-4	2-Nitroaniline	ND	11	0.29	ug/l	
99-09-2	3-Nitroaniline	ND	11	0.53	ug/l	
100-01-6	4-Nitroaniline	ND	11	4.6	ug/l	
91-20-3	Naphthalene	ND	2.1	0.18	ug/l	
98-95-3	Nitrobenzene	ND	5.3	0.26	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.3	0.85	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.3	0.57	ug/l	
85-01-8	Phenanthrene	ND	2.1	0.22	ug/l	
129-00-0	Pyrene	ND	2.1	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		15-110%
4165-62-2	Phenol-d5	31%		15-110%
118-79-6	2,4,6-Tribromophenol	84%		15-110%
4165-60-0	Nitrobenzene-d5	79%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/18/14

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	95%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/8/14

Raw Data: BE37168.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8081 SW846 3546	Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37168.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.9	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.9	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.9	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.9	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.9	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.9	3.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.9	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.9	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.9	2.6	ug/kg	
72-55-9	4,4'-DDE	ND	7.9	3.3	ug/kg	
50-29-3	4,4'-DDT	ND	7.9	2.5	ug/kg	
72-20-8	Endrin	ND	7.9	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.9	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.9	2.5	ug/kg	
959-98-8	Endosulfan-I	ND	7.9	3.1	ug/kg	
33213-65-9	Endosulfan-II	ND	7.9	2.6	ug/kg	
76-44-8	Heptachlor	ND	7.9	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.9	2.5	ug/kg	
72-43-5	Methoxychlor	ND	7.9	3.2	ug/kg	
53494-70-5	Endrin ketone	ND	7.9	2.9	ug/kg	
8001-35-2	Toxaphene	ND	79	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	106%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	102%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BE37169.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8081 SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37169.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.9	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.9	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.9	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.9	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.9	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.9	3.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.9	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.9	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.9	2.6	ug/kg	
72-55-9	4,4'-DDE	ND	7.9	3.2	ug/kg	
50-29-3	4,4'-DDT	ND	7.9	2.5	ug/kg	
72-20-8	Endrin	ND	7.9	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.9	2.7	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.9	2.4	ug/kg	
959-98-8	Endosulfan-I	ND	7.9	3.1	ug/kg	
33213-65-9	Endosulfan-II	ND	7.9	2.5	ug/kg	
76-44-8	Heptachlor	ND	7.9	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.9	2.4	ug/kg	
72-43-5	Methoxychlor	ND	7.9	3.1	ug/kg	
53494-70-5	Endrin ketone	ND	7.9	2.9	ug/kg	
8001-35-2	Toxaphene	ND	79	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BE37170.D

Accutest LabLink@144612 16:28 04-Dec-2013

6

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8081 SW846 3546	Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37170.D	1	06/29/13	AP	06/27/13	OP33800	GBE1935
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.8	2.4	ug/kg	
319-84-6	alpha-BHC	ND	7.8	1.9	ug/kg	
319-85-7	beta-BHC	ND	7.8	2.6	ug/kg	
319-86-8	delta-BHC	ND	7.8	1.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.8	2.4	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.8	2.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.8	2.4	ug/kg	
60-57-1	Dieldrin	ND	7.8	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	7.8	2.5	ug/kg	
72-55-9	4,4'-DDE	ND	7.8	3.2	ug/kg	
50-29-3	4,4'-DDT	ND	7.8	2.4	ug/kg	
72-20-8	Endrin	ND	7.8	3.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.8	2.6	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.8	2.4	ug/kg	
959-98-8	Endosulfan-I	ND	7.8	3.0	ug/kg	
33213-65-9	Endosulfan-II	ND	7.8	2.5	ug/kg	
76-44-8	Heptachlor	ND	7.8	2.3	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.8	2.4	ug/kg	
72-43-5	Methoxychlor	ND	7.8	3.1	ug/kg	
53494-70-5	Endrin ketone	ND	7.8	2.8	ug/kg	
8001-35-2	Toxaphene	ND	78	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		30-150%
877-09-8	Tetrachloro-m-xylene	96%		30-150%
2051-24-3	Decachlorobiphenyl	100%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BE37253.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.7 4

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37253.D	1	07/02/13	AP	06/27/13	OP33795	GBE1937
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	42%		30-150%
2051-24-3	Decachlorobiphenyl	50%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: YZ81786.D

J

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8082 SW846 3546	Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81786.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	18	ug/kg	
53469-21-9	Aroclor 1242	ND	39	19	ug/kg	
12672-29-6	Aroclor 1248	ND	39	17	ug/kg	
11097-69-1	Aroclor 1254	ND	39	28	ug/kg	
11096-82-5	Aroclor 1260	ND	39	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	100%		30-150%
877-09-8	Tetrachloro-m-xylene	109%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	127%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: YZ81787.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8082 SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81787.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	17	ug/kg	
11104-28-2	Aroclor 1221	ND	38	23	ug/kg	
11141-16-5	Aroclor 1232	ND	38	18	ug/kg	
53469-21-9	Aroclor 1242	ND	38	19	ug/kg	
12672-29-6	Aroclor 1248	ND	38	17	ug/kg	
11097-69-1	Aroclor 1254	ND	38	28	ug/kg	
11096-82-5	Aroclor 1260	ND	38	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		30-150%
877-09-8	Tetrachloro-m-xylene	108%		30-150%
2051-24-3	Decachlorobiphenyl	126%		30-150%
2051-24-3	Decachlorobiphenyl	125%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/18/14

Raw Data: YZ81788.D

Accutest LabLink@144612 16:28 04-Dec-2013

6

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
Method:	SW846 8082 SW846 3546	Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81788.D	1	06/29/13	CZ	06/27/13	OP33799	GYZ7202
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	23	ug/kg	
11141-16-5	Aroclor 1232	ND	39	18	ug/kg	
53469-21-9	Aroclor 1242	ND	39	19	ug/kg	
12672-29-6	Aroclor 1248	ND	39	17	ug/kg	
11097-69-1	Aroclor 1254	ND	39	28	ug/kg	
11096-82-5	Aroclor 1260	ND	39	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	115%		30-150%
2051-24-3	Decachlorobiphenyl	138%		30-150%
2051-24-3	Decachlorobiphenyl	136%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: YZ81730.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YZ81730.D	1	06/28/13	CZ	06/26/13	OP33775	GYZ7199
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.075	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.065	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	49%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

2

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2140	22	4.0	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.17 B U J	1.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	2.0	1.1	0.23	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	17.4	5.6	0.081	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.12 B J	0.45	0.027	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.15 B J	0.45	0.047	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	40300	560	7.0	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.2	1.1	0.11	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B J	5.6	0.052	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.4 J	2.8	0.62	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5420	11	0.97	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	27.9	1.1	0.19	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	15500 J	560	5.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	158 J	1.7	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.10	0.037	0.011	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.6 B J	4.5	0.049	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	471 B J	560	9.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.39 U	1.1	0.39	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.14 U	0.56	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	155 B U	560	3.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.15 U	1.1	0.15	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.6	1.1	0.15	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	56.3	2.2	0.18	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2650	21	3.8	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 B UJ	1.1	0.16	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.6	1.1	0.22	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	19.6	5.3	0.077	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.13 B J	0.43	0.025	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.11 B J	0.43	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	39400	530	6.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	5.5	1.1	0.10	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B J	5.3	0.050	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	7.0 J	2.7	0.59	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5240	11	0.93	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	44.1	1.1	0.18	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	16300 J	530	5.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	154 J	1.6	0.043	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.098	0.036	0.010	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.6 B J	4.3	0.047	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	541 J	530	9.1	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.37 U	1.1	0.37	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.14 B J	0.53	0.13	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	224 B J	530	3.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.21 B J	1.1	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.5	1.1	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	51.9	2.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/18/14

b

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2250	21	3.7	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 B UJ	1.0	0.16	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.7	1.0	0.21	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	12.2	5.2	0.075	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.12 B J	0.41	0.025	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.18 B J	0.41	0.044	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	41000	520	6.5	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.9	1.0	0.098	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.8 B J	5.2	0.048	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.8 J	2.6	0.57	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	6930	10	0.90	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	7.0	1.0	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	17100 J	520	5.3	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	183 J	1.5	0.041	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.060	0.035	0.010	mg/kg	1	06/27/13	06/28/13	EM	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.5 B J	4.1	0.045	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	559 J	520	8.8	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.36 U	1.0	0.36	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.13 U	0.52	0.13	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	138 B U	520	3.4	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	12.8	1.0	0.14	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	52.7	2.1	0.17	mg/kg	1	06/27/13	06/28/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA15800
(2) Instrument QC Batch: MA15820
(3) Prep QC Batch: MP21254
(4) Prep QC Batch: MP21260

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result >= MDL but < RL

MW 1/18/14

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.7 4

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	47.9 BJ	5000	38	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	20 U	100	20	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	0.81 U	15	0.81	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	06/28/13	07/01/13	SA	SW846 7470A [2]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	206 BJ	5000	60	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	0.50 BJ	20	0.50	ug/l	1	06/27/13	06/27/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15808
(2) Instrument QC Batch: MA15810
(3) Prep QC Batch: MP21255
(4) Prep QC Batch: MP21274

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

NW 1/18/14

2

Report of Analysis

Client Sample ID:	BCP BH-9-0-6		
Lab Sample ID:	MC22176-2	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	81.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.14	0.14	mg/kg	1	07/03/13 12:01	MA	SW846 9012 M
Solids, Percent	81.5		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/18/14

4

Report of Analysis

Client Sample ID:	BCP BH-10-0-6		
Lab Sample ID:	MC22176-4	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.13	0.13	mg/kg	1	07/03/13 12:02	MA	SW846 9012 M
Solids, Percent	83.7		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/18/14

6

Report of Analysis

Client Sample ID:	BCP BH-11-0-6		
Lab Sample ID:	MC22176-6	Date Sampled:	06/25/13
Matrix:	SO - Soil	Date Received:	06/26/13
		Percent Solids:	82.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.14	0.14	mg/kg	1	07/03/13 12:06	MA	SW846 9012 M
Solids, Percent	82.9		%	1	06/27/13	KF	SM21 2540 B MOD.

RL = Reporting Limit

MW 1/18/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-2		
Lab Sample ID:	MC22176-7	Date Sampled:	06/25/13
Matrix:	AQ - Equipment Blank	Date Received:	06/26/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	06/28/13 13:13	MA	SW846 9012

RL = Reporting Limit

MW 1/18/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC22274
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 16, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP-SV-1	MC22274-1	Air
2	BCP-SV-2	MC22274-2	Air
3	BCP-SV-3	MC22274-3	Air
4	BCP-SV-4	MC22274-4	Air
5	BCP-SV-5	MC22274-5	Air
6	BCP-SV-6	MC22274-6	Air

A Data Usability Summary Review was performed on the analytical data for six air samples collected on June 26, 2013 by LCS, Inc. at the BCP site in Buffalo, New York. The samples were analyzed under "*Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B*", Compendium Method TO-15, "*Determination Of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters And Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)*".

The data have been evaluated according to the protocols and quality control (QC) requirements of the USEPA Region II Data Review Standard Operating Procedure (SOP) Number HW-31, Revision 4, October 2006: Validating Air Samples - Volatile Organic Analysis of Ambient Air in Canister and the reviewer's professional judgment.

Organics

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times
- Laboratory Control Samples
- GC/MS Tuning
- Method Blank
- Initial Calibration

- Continuing Calibration
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

Overall Evaluation of Data and Potential Usability Issues

There were no rejections of data.

Overall the data is acceptable for the intended purposes. The data were not qualified.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met

Canister Certification Blanks

- The canister certification blanks were free of contamination.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field and Trip Blanks

- There were no field QC samples associated with the samples in this report.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- Several samples exhibited various compounds over the calibration range of the instrument. The samples were diluted and reanalyzed and the dilution results for these compounds were reported with the original analysis results for all other compounds. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All criteria were met.

Field Duplicate Sample Precision

- Field duplicate results are analyzed below.

Compound	BCP-SV-4 ppbv	BCP-SV-6 ppbv	RPD	Qualifier
Acetone	259	245	6%	None
Benzene	5.5	5.2	6%	
Carbon Disulfide	2.3	ND	NC	
Chloroform	1.1	ND	NC	
Cyclohexane	2.4	ND	NC	
m-Dichlorobenzene	0.74	1.6	74%	
Ethanol	15.5	ND	NC	
Ethylbenzene	14.1	7.0	67%	
4-Ethyltoluene	3.3	ND	NC	
Heptane	10.8	9.4	14%	
Hexane	8.1	7.5	8%	
2-Hexanone	3.1	ND	NC	
Methyl ethyl Ketone	11.9	10.0	17%	
1,3,5-Trimethylbenzene	3.9	1.1	112%	None - <5X RL
2,2,4-Trimethylpentane	1.6	ND	NC	None
Tert-Butyl Alcohol	1.9	ND	NC	
Tetrahydrofuran	2.1	ND	NC	
Toluene	62.2	49.1	24%	
m,p-Xylene	70.9	30.9	79%	
o-Xylene	22.0	8.8	86%	
Xylenes (total)	92.9	39.6	80%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: Q24043.D Q24044.D

1

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-SV-1		
Lab Sample ID:	MC22274-1	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M157	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24043.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24044.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	244 [a]	10	3.3	ppbv		580 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	10.8	0.50	0.091	ppbv		34.5	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	8.4	0.50	0.057	ppbv		26	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	0.31	0.20	0.092	ppbv		2.0	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	11.2	0.50	0.082	ppbv		38.6	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.68	0.50	0.27	ppbv		4.1	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-1		
Lab Sample ID:	MC22274-1	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M157	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	23.2	0.50	0.13	ppbv		43.6	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	22.2	0.50	0.089	ppbv		96.4	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.7	0.50	0.062	ppbv		18	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	0.31	0.50	0.091	ppbv	J	2.4	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	32.6	0.50	0.10	ppbv		134	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	31.9	0.50	0.090	ppbv		112	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	2.1	0.50	0.12	ppbv		8.6	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	0.51	0.50	0.088	ppbv		1.8	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	12.3	0.50	0.15	ppbv		36.3	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	0.55	0.50	0.075	ppbv		2.3	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.23	0.20	0.080	ppbv		1.3	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	4.4	0.50	0.067	ppbv		22	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	3.2	0.50	0.085	ppbv		9.7	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.83	0.20	0.098	ppbv		5.6	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.5	0.50	0.14	ppbv		7.4	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	93.3 [a]	10	2.2	ppbv		352 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.42	0.50	0.088	ppbv	J	2.4	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	24.6	0.50	0.11	ppbv		86.5	1.8	0.39	ug/m3
	106.2	m,p-Xylene	71.4 [a]	10	4.0	ppbv		310 [a]	43	17	ug/m3
95-47-6	106.2	o-Xylene	32.3	0.50	0.11	ppbv		140	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	104 [a]	10	2.2	ppbv		450 [a]	43	9.6	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%	87%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-1		
Lab Sample ID:	MC22274-1	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M157	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: Q24045.D Q24046.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.2 4

Client Sample ID:	BCP-SV-2		
Lab Sample ID:	MC22274-2	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M126,M136	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24045.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24046.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	787 [a]	10	3.3	ppbv		1870 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	23.6	0.50	0.091	ppbv		75.4	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	35.5	0.50	0.057	ppbv		111	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	15.7	0.50	0.10	ppbv		76.7	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	34.3	0.50	0.082	ppbv		118	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	0.27	ppbv		ND	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-2		
Lab Sample ID:	MC22274-2	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M126,M136	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.2
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CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	15.4	0.50	0.13	ppbv		29.0	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	6.2	0.50	0.089	ppbv		27	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	47.0 [a]	10	2.0	ppbv		193 [a]	41	8.2	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	123 [a]	10	1.8	ppbv		433 [a]	35	6.3	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	12.2	0.50	0.15	ppbv		36.0	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.50	0.067	ppbv		ND	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	46.6 [a]	10	1.7	ppbv		218 [a]	47	7.9	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.41	0.20	0.098	ppbv		2.8	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	3.8	0.50	0.14	ppbv		11	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	93.9 [a]	10	2.2	ppbv		354 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	13.5	0.50	0.20	ppbv		58.6	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	3.1	0.50	0.11	ppbv		13	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	16.6	0.50	0.11	ppbv		72.1	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%	80%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-2		
Lab Sample ID:	MC22274-2	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M126,M136	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-3		
Lab Sample ID:	MC22274-3	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M014	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24047.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24048.D	20	07/02/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	247 [a]	10	3.3	ppbv		587 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.0	0.50	0.091	ppbv		16	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	0.82	0.50	0.10	ppbv		4.0	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	3.4	0.50	0.082	ppbv		12	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.30	0.50	0.27	ppbv	J	1.8	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-3		
Lab Sample ID:	MC22274-3	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M014	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	11.1	0.50	0.13	ppbv		20.9	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	26.9	0.50	0.089	ppbv		117	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	9.1	0.50	0.062	ppbv		45	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	11.2	0.50	0.10	ppbv		45.9	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	7.3	0.50	0.090	ppbv		26	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	2.6	0.50	0.12	ppbv		11	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	1.6	0.50	0.10	ppbv		3.9	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	11.9	0.50	0.15	ppbv		35.1	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	0.73	0.50	0.075	ppbv		3.1	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	20.7	0.50	0.068	ppbv		102	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	9.4	0.50	0.067	ppbv		46	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.2	0.50	0.085	ppbv		6.7	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.95	0.20	0.098	ppbv		6.4	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.0	0.50	0.14	ppbv		5.9	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	81.3 [a]	10	2.2	ppbv		306 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	106 [a]	10	4.0	ppbv		460 [a]	43	17	ug/m3
95-47-6	106.2	o-Xylene	36.3 [a]	10	2.2	ppbv		158 [a]	43	9.6	ug/m3
1330-20-7	106.2	Xylenes (total)	142 [a]	10	2.2	ppbv		617 [a]	43	9.6	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%	87%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-3		
Lab Sample ID:	MC22274-3	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M014	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Raw Data: Q24049.D Q24050.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-SV-4		
Lab Sample ID:	MC22274-4	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M257	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24049.D	1	07/02/13	AA	n/a	n/a	MSQ1045
Run #2	Q24050.D	20	07/03/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	259 [a]	10	3.3	ppbv		615 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.5	0.50	0.091	ppbv		18	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	2.3	0.50	0.057	ppbv		7.2	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	1.1	0.50	0.10	ppbv		5.4	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	2.4	0.50	0.082	ppbv		8.3	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	0.74	0.50	0.27	ppbv		4.4	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-4		
Lab Sample ID:	MC22274-4	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M257	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	15.5	0.50	0.13	ppbv		29.2	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	14.1	0.50	0.089	ppbv		61.2	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	3.3	0.50	0.062	ppbv		16	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	10.8	0.50	0.10	ppbv		44.3	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	8.1	0.50	0.090	ppbv		29	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	3.1	0.50	0.12	ppbv		13	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	11.9	0.50	0.15	ppbv		35.1	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	3.9	0.50	0.067	ppbv		19	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	1.6	0.50	0.084	ppbv		7.5	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.9	0.50	0.085	ppbv		5.8	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	2.1	0.50	0.14	ppbv		6.2	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	62.2 [a]	10	2.2	ppbv		234 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	70.9	0.50	0.20	ppbv		308	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	22.0	0.50	0.11	ppbv		95.6	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	92.9	0.50	0.11	ppbv		404	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	85%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-4		
Lab Sample ID:	MC22274-4	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M257	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Raw Data: Q24051.D

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Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-SV-5		
Lab Sample ID:	MC22274-5	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M024	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24051.D	1	07/03/13	AA	n/a	n/a	MSQ1045
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	37.9	0.50	0.17	ppbv		90.0	1.2	0.40	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	0.24	0.50	0.091	ppbv	J	0.77	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	0.082	ppbv		ND	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.50	0.27	ppbv		ND	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-SV-5		
Lab Sample ID:	MC22274-5	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M024	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	14.7	0.50	0.13	ppbv		27.7	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.50	0.089	ppbv		ND	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	0.59	0.50	0.10	ppbv		1.4	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	1.2	0.50	0.15	ppbv		3.5	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	2.0	0.50	0.048	ppbv		3.4	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	ND	0.50	0.067	ppbv		ND	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	0.14	ppbv		ND	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	0.37	0.50	0.11	ppbv	J	1.4	1.9	0.41	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	ND	0.50	0.20	ppbv		ND	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/16/14

Raw Data: Q24053.D Q24054.D

6

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.6 4

Client Sample ID:	BCP-SV-6		
Lab Sample ID:	MC22274-6	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M266	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q24053.D	1	07/03/13	AA	n/a	n/a	MSQ1045
Run #2	Q24054.D	20	07/03/13	AA	n/a	n/a	MSQ1045

	Initial Volume
Run #1	400 ml
Run #2	400 ml

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone	245 [a]	10	3.3	ppbv		582 [a]	24	7.8	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.50	0.13	ppbv		ND	1.1	0.29	ug/m3
71-43-2	78.11	Benzene	5.2	0.50	0.091	ppbv		17	1.6	0.29	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.50	0.11	ppbv		ND	3.3	0.74	ug/m3
75-25-2	252.8	Bromoform	ND	0.50	0.077	ppbv		ND	5.2	0.80	ug/m3
74-83-9	94.94	Bromomethane	ND	0.50	0.10	ppbv		ND	1.9	0.39	ug/m3
593-60-2	106.9	Bromoethene	ND	0.50	0.11	ppbv		ND	2.2	0.48	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.39	ppbv		ND	2.6	2.0	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.50	0.057	ppbv		ND	1.6	0.18	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.50	0.13	ppbv		ND	2.3	0.60	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.14	ppbv		ND	0.53	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.50	0.10	ppbv		ND	2.4	0.49	ug/m3
74-87-3	50.49	Chloromethane	ND	0.50	0.074	ppbv		ND	1.0	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.50	0.063	ppbv		ND	1.6	0.20	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.50	0.067	ppbv		ND	2.6	0.35	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.20	0.092	ppbv		ND	1.3	0.58	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.50	0.082	ppbv		ND	1.7	0.28	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.080	ppbv		ND	0.81	0.32	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.20	0.093	ppbv		ND	0.79	0.37	ug/m3
106-93-4	187.9	1,2-Dibromoethane	ND	0.50	0.14	ppbv		ND	3.8	1.1	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.11	ppbv		ND	0.81	0.45	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.50	0.086	ppbv		ND	2.3	0.40	ug/m3
123-91-1	88	1,4-Dioxane	ND	0.50	0.16	ppbv		ND	1.8	0.58	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	0.50	0.034	ppbv		ND	2.5	0.17	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.50	0.076	ppbv		ND	4.3	0.65	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.071	ppbv		ND	0.79	0.28	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.20	0.079	ppbv		ND	0.79	0.31	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.50	0.11	ppbv		ND	2.3	0.50	ug/m3
541-73-1	147	m-Dichlorobenzene	1.6	0.50	0.27	ppbv		9.6	3.0	1.6	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.50	0.15	ppbv		ND	3.0	0.90	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.50	0.31	ppbv		ND	3.0	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.50	0.18	ppbv		ND	2.3	0.82	ug/m3

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

JW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-6		
Lab Sample ID:	MC22274-6	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M266	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46	Ethanol	ND	0.50	0.13	ppbv		ND	0.94	0.24	ug/m3
100-41-4	106.2	Ethylbenzene	7.0	0.50	0.089	ppbv		30	2.2	0.39	ug/m3
141-78-6	88	Ethyl Acetate	ND	0.50	0.12	ppbv		ND	1.8	0.43	ug/m3
622-96-8	120.2	4-Ethyltoluene	ND	0.50	0.062	ppbv		ND	2.5	0.30	ug/m3
76-13-1	187.4	Freon 113	ND	0.50	0.091	ppbv		ND	3.8	0.70	ug/m3
76-14-2	170.9	Freon 114	ND	0.50	0.087	ppbv		ND	3.5	0.61	ug/m3
142-82-5	100.2	Heptane	9.4	0.50	0.10	ppbv		39	2.0	0.41	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.50	0.43	ppbv		ND	5.3	4.6	ug/m3
110-54-3	86.17	Hexane	7.5	0.50	0.090	ppbv		26	1.8	0.32	ug/m3
591-78-6	100	2-Hexanone	ND	0.50	0.12	ppbv		ND	2.0	0.49	ug/m3
67-63-0	60	Isopropyl Alcohol	ND	0.50	0.10	ppbv		ND	1.2	0.25	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.50	0.088	ppbv		ND	1.7	0.31	ug/m3
78-93-3	72.11	Methyl ethyl ketone	10.0	0.50	0.15	ppbv		29.5	1.5	0.44	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.50	0.10	ppbv		ND	2.0	0.41	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.50	0.090	ppbv		ND	1.8	0.32	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.50	0.075	ppbv		ND	2.1	0.32	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.080	ppbv		ND	1.1	0.44	ug/m3
79-34-5	167.9	1,1,2,2-Tetrachloroethane	ND	0.20	0.075	ppbv		ND	1.4	0.52	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.12	ppbv		ND	1.1	0.65	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.50	0.50	ppbv		ND	3.7	3.7	ug/m3
95-63-6	120.2	1,2,4-Trimethylbenzene	ND	0.50	0.068	ppbv		ND	2.5	0.33	ug/m3
108-67-8	120.2	1,3,5-Trimethylbenzene	1.1	0.50	0.067	ppbv		5.4	2.5	0.33	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.50	0.084	ppbv		ND	2.3	0.39	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	0.50	0.085	ppbv		ND	1.5	0.26	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.20	0.098	ppbv		ND	1.4	0.66	ug/m3
109-99-9	72	Tetrahydrofuran	ND	0.50	0.14	ppbv		ND	1.5	0.41	ug/m3
108-88-3	92.14	Toluene	49.1 [a]	10	2.2	ppbv		185 [a]	38	8.3	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.20	0.12	ppbv		ND	1.1	0.64	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.50	0.088	ppbv		ND	2.8	0.49	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.20	0.088	ppbv		ND	0.51	0.22	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.50	0.11	ppbv		ND	1.8	0.39	ug/m3
	106.2	m,p-Xylene	30.9	0.50	0.20	ppbv		134	2.2	0.87	ug/m3
95-47-6	106.2	o-Xylene	8.8	0.50	0.11	ppbv		38	2.2	0.48	ug/m3
1330-20-7	106.2	Xylenes (total)	39.6	0.50	0.11	ppbv		172	2.2	0.48	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%	81%	50-129%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

Report of Analysis

Client Sample ID:	BCP-SV-6		
Lab Sample ID:	MC22274-6	Date Sampled:	06/26/13
Matrix:	AIR - Soil Vapor Comp. Summa ID: M266	Date Received:	06/27/13
Method:	TO-15	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/16/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC22374
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 18, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP TPMW16	MC22374-1	Water
2	BCP TPMW6	MC22374-2	Water
3*	TRIP BLANK	MC22374-3	Water

* - Analyzed for VOCs only

A Data Usability Summary Review was performed on the analytical data for two water samples and one aqueous trip blank sample collected on June 28, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7470A
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;

- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were minor rejections of data. This data cannot be used in the decision-making process for this project.

- Acetone and/or 2-butanone were rejected in all samples due to low continuing calibration RRF values.

Overall the remaining data is acceptable for the intended purposes as qualified for the following deficiencies.

- Several VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Several SVOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Sodium was qualified as estimated in all samples due to a high ICP serial dilution recovery.

- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were prepared and analyzed within 14 day for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSV796-BS	Acetone	63%	None	See CCAL
	tert-Butylbenzene	132%	None	All ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/04/13	Acetone	37.0%/0.046	J/R	All Samples
	Carbon disulfide	20.9%	J/UJ	
	2-Butanone	27.9%/0.044	J/R	
	Carbon tetrachloride	30.4%	J/UJ	
	Isopropylbenzene	26.2%	J/UJ	
	n-Propylbenzene	22.1%	J/UJ	
	tert-Butylbenzene	31.7%	J/UJ	
	sec-Butylbenzene	25.6%	J/UJ	
	p-Isopropyltoluene	24.2%	J/UJ	

Compound Quantitation

- Several samples exhibited various compounds over the calibration range of the instrument. The samples were diluted and reanalyzed and the dilution results for these compounds were reported with the original analysis results for all other compounds. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP33840-BS	1,2-Dichlorobenzene	39%	J/UJ	All Samples
	1,3-Dichlorobenzene	33%	J/UJ	
	1,4-Dichlorobenzene	33%	J/UJ	
	Dimethylphthalate	23%	J/UJ	
	Hexachlorobutadiene	23%	J/UJ	
	Hexachlorocyclopentadiene	13%	J/UJ	
	Hexachloroethane	24%	J/UJ	
	1,2,4-Trichlorobenzene	39%	J/UJ	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- Several samples exhibited various compounds over the calibration range of the instrument. The samples were diluted and reanalyzed and the dilution results for these compounds were reported with the original analysis results for all other compounds. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Sample ID	Surrogate	%R	Qualifier
1	TCX1/TCX2/DCB1/DCB2	OK/12%/OK/OK	None for One Out
2	TCX1/TCX2/DCB1/DCB2	OK/27%/OK/OK	None for One Out

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals, Mercury & Cyanide

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Sodium	12.9%	J/UJ	All Samples

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: V20477.D V20512.D

1

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20477.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2	V20512.D	50	07/05/13	AMY	n/a	n/a	MSV797

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.2 J	10	2.8	ug/l	
71-43-2	Benzene	457 [a]	25	23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	10 J	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	127	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	16.5 J	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND UJ	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND UJ	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND UJ	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	592 [a]	50	19	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	53.0 J	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	24.0 J	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1050 [a]	250	39	ug/l	
103-65-1	n-Propylbenzene	148 J	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	102	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	4810 [a]	250	23	ug/l	
108-67-8	1,3,5-Trimethylbenzene	1280 [a]	250	54	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	4130 [a]	50	35	ug/l	
95-47-6	o-Xylene	1360 [a]	50	20	ug/l	
1330-20-7	Xylene (total)	5490 [a]	50	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	97%	70-130%
2037-26-5	Toluene-D8	104%	101%	70-130%
460-00-4	4-Bromofluorobenzene	104%	99%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: V20478.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20478.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	41.0 J	10	2.8	ug/l	
71-43-2	Benzene	279	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~ R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	7.5	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	2.2 J	5.0	0.58	ug/l	J
98-06-6	tert-Butylbenzene	~~ND~~ UJ	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	~~ND~~ ↓	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	~~ND~~	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	116	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	13.9 J	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	0.99 J	5.0	0.55	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

AW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	142	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	45.9 J	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	112	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	130	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	44.7	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	396	1.0	0.70	ug/l	
95-47-6	o-Xylene	55.8	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	452	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: V20468.D

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22374-3	Date Sampled:	06/28/13
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20468.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~ R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	~~ND~~ UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	~~ND~~	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	~~ND~~	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	~~ND~~	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	~~ND~~ UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	~~ND~~ UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22374-3	Date Sampled:	06/28/13
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

1

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65473.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2	W13925.D	10	07/16/13	KR	07/01/13	OP33840	MSW632

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2	1000 ml	1.0 ml

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	1.5	5.0	0.51	ug/l	J
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	0.53	2.0	0.23	ug/l	J
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	1.7	2.0	0.21	ug/l	J
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	~~ND~~ UJ	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	~~ND~~ ↓	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	~~ND~~ ↓	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	0.39	5.0	0.39	ug/l	J
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	~~ND~~ UJ	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.59	2.0	0.49	ug/l	J
206-44-0	Fluoranthene	0.44	2.0	0.22	ug/l	J
86-73-7	Fluorene	0.49	2.0	0.24	ug/l	J
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	~~ND~~ UJ	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	10	2.5	ug/l	
67-72-1	Hexachloroethane	~~ND~~ UJ	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	178 [a]	20	3.9	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	396 [a]	20	1.7	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	0.79	2.0	0.21	ug/l	J
129-00-0	Pyrene	0.31	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	~~ND~~ UJ	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	21%	23%	15-110%
4165-62-2	Phenol-d5	23%	18%	15-110%
118-79-6	2,4,6-Tribromophenol	67%	54%	15-110%
4165-60-0	Nitrobenzene-d5	58%	63%	30-130%
321-60-8	2-Fluorobiphenyl	46%	45%	30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/18/14

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	64%	60%	30-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: F65474.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65474.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.59	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	10.2	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	0.33	2.0	0.23	ug/l	J
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.86	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.93	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	0.49	2.0	0.21	ug/l	J
218-01-9	Chrysene	0.23	2.0	0.20	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/18/14

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND ↓	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND ↓	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	0.45	2.0	0.23	ug/l	J
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.1	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND ↓	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND ↓	5.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	4.6	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	15.7	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	0.29	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.1	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	23%		15-110%
4165-62-2	Phenol-d5	18%		15-110%
118-79-6	2,4,6-Tribromophenol	73%		15-110%
4165-60-0	Nitrobenzene-d5	45%		30-130%
321-60-8	2-Fluorobiphenyl	38%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	74%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/18/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37286.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		30-150%
877-09-8	Tetrachloro-m-xylene	12% [a]		30-150%
2051-24-3	Decachlorobiphenyl	57%		30-150%
2051-24-3	Decachlorobiphenyl	44%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BE37287.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37287.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	35%		30-150%
877-09-8	Tetrachloro-m-xylene	27% [a]		30-150%
2051-24-3	Decachlorobiphenyl	42%		30-150%
2051-24-3	Decachlorobiphenyl	34%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BK26469.D

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26469.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		30-150%
877-09-8	Tetrachloro-m-xylene	51%		30-150%
2051-24-3	Decachlorobiphenyl	51%		30-150%
2051-24-3	Decachlorobiphenyl	48%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Raw Data: BK26470.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26470.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		30-150%
877-09-8	Tetrachloro-m-xylene	59%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%
2051-24-3	Decachlorobiphenyl	40%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	3.3 B J	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	84.6	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	84700	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	6150	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	9.2	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	11300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	183	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9120	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	136000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	5.6 B J	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	6.9 B J	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/18/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	20.3 B J	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	29900	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	471	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	3000 B J	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	27.5	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	1340 B J	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	8470 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	5.9 B J	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/18/14

Report of Analysis

Client Sample ID:	BCP TPMW16		
Lab Sample ID:	MC22374-1	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.010	0.010	mg/l	1	07/03/13 12:24	MA	SW846 9012

RL = Reporting Limit

MW 1/18/14

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP TPMW6		
Lab Sample ID:	MC22374-2	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:25	MA	SW846 9012

RL = Reporting Limit

MW 1/18/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC22375
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 19, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP MW-1	MC22375-1	Water
2	BCP MW-2	MC22375-2	Water
2MS	BCP MW-2MS	MC22375-2MS	Water
2MSD	BCP MW-2MSD	MC22375-2MSD	Water
3	BCP MW-3	MC22375-3	Water
4	BCP MW-4	MC22375-4	Water
5	BCP MW-5	MC22375-5	Water
6*	TRIP BLANK	MC22375-6	Water
7	BCP MW-9	MC22375-7	Water

* - Analyzed for VOC only

A Data Usability Summary Review was performed on the analytical data for six water samples and one aqueous trip blank sample collected on June 27-28, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7470A
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;

- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were minor rejections of data. This data cannot be used in the decision-making process for this project.

- Acetone and/or 2-butanone were rejected in all samples due to low continuing calibration RRF values.

Overall the remaining data is acceptable for the intended purposes as qualified for the following

deficiencies.

- Several VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Eight SVOC compounds were qualified as estimated in all samples due to low LCS recoveries.
- Sodium was qualified as estimated in all samples due to a high ICP serial dilution recovery.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
2	Acetone	50%/49%/OK	None - See CCAL
	2-Butanone	67%/64%/OK	None - See CCAL
	tert-Butylbenzene	134%/134%/OK	None - Sample ND
	Isopropylbenzene	131%/OK/OK	

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSV796-BS	Acetone	63%	None	See CCAL
	tert-Butylbenzene	132%	None	All ND
MSV797-BS	Acetone	50%	None	See CCAL
	2-Butanone	67%	None	
	tert-Butylbenzene	133%	None	Sample ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC results are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
TRIP BLANK	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/04/13	Acetone	37.0%/0.046 RRF	J/R	2-7
	Carbon disulfide	20.9%	J/UJ	
	2-Butanone	27.9%/0.044 RRF	J/R	
	Carbon tetrachloride	30.4%	J/UJ	
	Isopropylbenzene	26.2%	J/UJ	
	n-Propylbenzene	22.1%	J/UJ	
	tert-Butylbenzene	31.7%	J/UJ	
	sec-Butylbenzene	25.6%	J/UJ	
	p-Isopropyltoluene	24.2%	J/UJ	
07/05/13	Acetone	43.8%/0.041 RRF	J/R	1
	2-Butanone	34.4%/0.040 RRF	J/R	
	2-Hexanone	22.9%	J/UJ	

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	BCP MW-5 ug/L	BCP MW-9 ug/L	RPD	Qualifier
1,1-Dichloroethane	0.81	0.85	5%	None

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
2	2,4-Dimethylphenol	OK/OK/31	None for RPD Alone
	Dimethylphthalate	OK/OK/51	
	Hexachlorobutadiene	37%/32%/OK	None - See LCS
	Hexachlorocyclopentadiene	26%/24%/OK	
	Hexachloroethane	37%/30%/OK	

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP33840-BS	1,2-Dichlorobenzene	39%	J/UJ	All Samples
	1,3-Dichlorobenzene	33%	J/UJ	
	1,4-Dichlorobenzene	33%	J/UJ	
	Dimethylphthalate	23%	J/UJ	
	Hexachlorobutadiene	23%	J/UJ	
	Hexachlorocyclopentadiene	13%	J/UJ	
	Hexachloroethane	24%	J/UJ	
	1,2,4-Trichlorobenzene	39%	J/UJ	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	BCP MW-5 ug/L	BCP MW-9 ug/L	RPD	Qualifier
Bis)2-ethylhexyl)phthalate	2.6	0.54	131%	None <5X RL

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

Compound	BCP MW-5 ug/L	BCP MW-9 ug/L	RPD	Qualifier
None	ND	ND	-	-

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J/UJ). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
2	Sodium	12.9%	J/UJ	All Samples

Field Duplicate Sample Precision

- Field duplicate results are summarized below. The precision was acceptable.

Compound	BCP MW-5 ug/L	BCP MW-9 ug/L	RPD	Qualifier
Aluminum	245	190	25%	None
Barium	78.8	78.2	1%	
Calcium	277000	281000	1%	
Cobalt	1.9	1.9	0%	
Iron	445	336	28%	
Magnesium	62100	62400	0%	
Manganese	229	233	2%	
Nickel	3.5	3.3	6%	
Potassium	13900	14000	1%	
Sodium	573000	584000	2%	
Zinc	2.3	2.0	14%	

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20503.D	1	07/05/13	AMY	n/a	n/a	MSV797
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND UJ	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

2

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20471.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~ R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	~~ND~~ UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	~~ND~~ UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	~~ND~~ UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

4.3 4

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20480.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~ R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	1.4	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	~~ND~~ UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	~~ND~~ UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20481.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	~~ND~~ R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	~~ND~~ UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	~~ND~~ UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/19/14

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	~~ND~~ UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

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Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20482.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	0.81	1.0	0.37	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	~~ND~~ UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22375-6	Date Sampled:	06/28/13
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20469.D	1	07/04/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	MC22375-6	Date Sampled:	06/28/13
Matrix:	AQ - Trip Blank Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	~~ND~~ UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

7

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	V20483.D	1	07/05/13	AMY	n/a	n/a	MSV796
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND R	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND R	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND UJ	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	0.85	1.0	0.37	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND UJ	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND UJ	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	~~ND~~ UJ	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65475.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND UJ	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND UJ	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		15-110%
4165-62-2	Phenol-d5	20%		15-110%
118-79-6	2,4,6-Tribromophenol	65%		15-110%
4165-60-0	Nitrobenzene-d5	61%		30-130%
321-60-8	2-Fluorobiphenyl	54%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: F65472.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65472.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND ↓	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND ↓	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.50	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND ↓	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND ↓	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		15-110%
4165-62-2	Phenol-d5	23%		15-110%
118-79-6	2,4,6-Tribromophenol	72%		15-110%
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	55%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/9/14

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	84%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Raw Data: F65476.D

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65476.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.50	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		15-110%
4165-62-2	Phenol-d5	16%		15-110%
118-79-6	2,4,6-Tribromophenol	61%		15-110%
4165-60-0	Nitrobenzene-d5	42%		30-130%
321-60-8	2-Fluorobiphenyl	38%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 11/19/14

Raw Data: F65477.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65477.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		15-110%
4165-62-2	Phenol-d5	24%		15-110%
118-79-6	2,4,6-Tribromophenol	68%		15-110%
4165-60-0	Nitrobenzene-d5	60%		30-130%
321-60-8	2-Fluorobiphenyl	56%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: F65478.D

5

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Report of Analysis

4.5 4

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65478.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.38	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.49	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.50	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.58	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.0	0.51	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.57	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.25	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.0	0.20	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.0	0.85	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.0	0.92	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	ND	2.0	0.21	ug/l	
218-01-9	Chrysene	ND	2.0	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.0	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.0	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.0	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.0	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.0	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND ↓	5.0	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND ↓	5.0	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.64	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	0.50	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.0	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.0	0.43	ug/l	
84-66-2	Diethyl phthalate	ND	5.0	0.50	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.0	0.50	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	2.6	2.0	0.49	ug/l	
206-44-0	Fluoranthene	ND	2.0	0.22	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.0	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.0	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND ↓	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND ↓	5.0	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.27	ug/l	
78-59-1	Isophorone	ND	5.0	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.39	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.50	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.3	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.0	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.0	0.81	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.54	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.22	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.0	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		15-110%
4165-62-2	Phenol-d5	31%		15-110%
118-79-6	2,4,6-Tribromophenol	80%		15-110%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	68%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F65479.D	1	07/08/13	KR	07/01/13	OP33840	MSF3036
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	ND	10	1.3	ug/l	
	3&4-Methylphenol	ND	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.60	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	ND	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.57	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	ND	2.0	0.22	ug/l	
50-32-8	Benzo(a)pyrene	ND	2.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	2.0	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	2.0	0.26	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	2.0	0.27	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.87	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.94	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.26	ug/l	
86-74-8	Carbazole	ND	2.0	0.22	ug/l	
218-01-9	Chrysene	ND	2.0	0.21	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.24	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND UJ	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.69	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.22	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.40	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND UJ	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	0.54	2.0	0.50	ug/l	J
206-44-0	Fluoranthene	ND	2.0	0.23	ug/l	
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND UJ	5.1	0.30	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.6	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.45	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	2.0	0.28	ug/l	
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	ND	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	ND	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	ND	2.0	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND UJ	5.1	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		15-110%
4165-62-2	Phenol-d5	22%		15-110%
118-79-6	2,4,6-Tribromophenol	76%		15-110%
4165-60-0	Nitrobenzene-d5	52%		30-130%
321-60-8	2-Fluorobiphenyl	50%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 11/19/14

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BE37278.D

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37278.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.053	0.022	ug/l	
319-84-6	alpha-BHC	ND	0.053	0.018	ug/l	
319-85-7	beta-BHC	ND	0.053	0.023	ug/l	
319-86-8	delta-BHC	ND	0.053	0.023	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.053	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.053	0.033	ug/l	
5103-74-2	gamma-Chlordane	ND	0.053	0.031	ug/l	
60-57-1	Dieldrin	ND	0.053	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.053	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.053	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.053	0.025	ug/l	
72-20-8	Endrin	ND	0.053	0.019	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.053	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.053	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.053	0.031	ug/l	
959-98-8	Endosulfan-I	ND	0.053	0.020	ug/l	
33213-65-9	Endosulfan-II	ND	0.053	0.021	ug/l	
76-44-8	Heptachlor	ND	0.053	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.053	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.053	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/9/14

Raw Data: BE37279.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.2 4

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37279.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.022	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.023	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.019	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.031	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.020	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		30-150%
877-09-8	Tetrachloro-m-xylene	78%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BE37280.D

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37280.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.057	0.024	ug/l	
319-84-6	alpha-BHC	ND	0.057	0.020	ug/l	
319-85-7	beta-BHC	ND	0.057	0.024	ug/l	
319-86-8	delta-BHC	ND	0.057	0.025	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.057	0.024	ug/l	
5103-71-9	alpha-Chlordane	ND	0.057	0.035	ug/l	
5103-74-2	gamma-Chlordane	ND	0.057	0.033	ug/l	
60-57-1	Dieldrin	ND	0.057	0.022	ug/l	
72-54-8	4,4'-DDD	ND	0.057	0.025	ug/l	
72-55-9	4,4'-DDE	ND	0.057	0.023	ug/l	
50-29-3	4,4'-DDT	ND	0.057	0.027	ug/l	
72-20-8	Endrin	ND	0.057	0.020	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.057	0.018	ug/l	
7421-93-4	Endrin aldehyde	ND	0.057	0.019	ug/l	
53494-70-5	Endrin ketone	ND	0.057	0.034	ug/l	
959-98-8	Endosulfan-I	ND	0.057	0.021	ug/l	
33213-65-9	Endosulfan-II	ND	0.057	0.022	ug/l	
76-44-8	Heptachlor	ND	0.057	0.018	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.057	0.021	ug/l	
72-43-5	Methoxychlor	ND	0.057	0.024	ug/l	
8001-35-2	Toxaphene	ND	2.8	0.19	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	90%		30-150%
2051-24-3	Decachlorobiphenyl	63%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BE37281.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37281.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.050	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.050	0.017	ug/l	
319-85-7	beta-BHC	ND	0.050	0.021	ug/l	
319-86-8	delta-BHC	ND	0.050	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.050	0.021	ug/l	
5103-71-9	alpha-Chlordane	ND	0.050	0.031	ug/l	
5103-74-2	gamma-Chlordane	ND	0.050	0.029	ug/l	
60-57-1	Dieldrin	ND	0.050	0.019	ug/l	
72-54-8	4,4'-DDD	ND	0.050	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.050	0.020	ug/l	
50-29-3	4,4'-DDT	ND	0.050	0.024	ug/l	
72-20-8	Endrin	ND	0.050	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.050	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.050	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.050	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.050	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.050	0.020	ug/l	
76-44-8	Heptachlor	ND	0.050	0.016	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.050	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.050	0.021	ug/l	
8001-35-2	Toxaphene	ND	2.5	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	69%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BE37282.D

5

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.5 4

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37282.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.052	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.052	0.018	ug/l	
319-85-7	beta-BHC	ND	0.052	0.022	ug/l	
319-86-8	delta-BHC	ND	0.052	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.052	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.052	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.052	0.030	ug/l	
60-57-1	Dieldrin	ND	0.052	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.052	0.023	ug/l	
72-55-9	4,4'-DDE	ND	0.052	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.052	0.025	ug/l	
72-20-8	Endrin	ND	0.052	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.052	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.052	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.052	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.052	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.052	0.020	ug/l	
76-44-8	Heptachlor	ND	0.052	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.052	0.019	ug/l	
72-43-5	Methoxychlor	ND	0.052	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	54%		30-150%
877-09-8	Tetrachloro-m-xylene	47%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BE37283.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.7 4

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37283.D	1	07/03/13	AP	07/01/13	OP33848	GBE1938
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.051	0.021	ug/l	
319-84-6	alpha-BHC	ND	0.051	0.018	ug/l	
319-85-7	beta-BHC	ND	0.051	0.022	ug/l	
319-86-8	delta-BHC	ND	0.051	0.022	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.051	0.022	ug/l	
5103-71-9	alpha-Chlordane	ND	0.051	0.032	ug/l	
5103-74-2	gamma-Chlordane	ND	0.051	0.030	ug/l	
60-57-1	Dieldrin	ND	0.051	0.020	ug/l	
72-54-8	4,4'-DDD	ND	0.051	0.022	ug/l	
72-55-9	4,4'-DDE	ND	0.051	0.021	ug/l	
50-29-3	4,4'-DDT	ND	0.051	0.024	ug/l	
72-20-8	Endrin	ND	0.051	0.018	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.051	0.016	ug/l	
7421-93-4	Endrin aldehyde	ND	0.051	0.017	ug/l	
53494-70-5	Endrin ketone	ND	0.051	0.030	ug/l	
959-98-8	Endosulfan-I	ND	0.051	0.019	ug/l	
33213-65-9	Endosulfan-II	ND	0.051	0.020	ug/l	
76-44-8	Heptachlor	ND	0.051	0.017	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.051	0.018	ug/l	
72-43-5	Methoxychlor	ND	0.051	0.022	ug/l	
8001-35-2	Toxaphene	ND	2.6	0.17	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	45%		30-150%
877-09-8	Tetrachloro-m-xylene	43%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26461.D

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26461.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.076	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.077	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	74%		30-150%
2051-24-3	Decachlorobiphenyl	62%		30-150%
2051-24-3	Decachlorobiphenyl	58%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26462.D

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26462.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	960 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.072	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.075	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.11	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.16	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.076	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.065	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	72%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26463.D

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26463.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	880 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	0.078	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	0.082	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	0.19	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	0.17	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	0.083	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	0.071	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%
2051-24-3	Decachlorobiphenyl	56%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26464.D

4

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.4 4

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26464.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.069	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.072	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.073	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.062	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	62%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%
2051-24-3	Decachlorobiphenyl	61%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26465.D

5

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

4.5 4

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26465.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	970 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.071	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.074	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.075	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		30-150%
877-09-8	Tetrachloro-m-xylene	63%		30-150%
2051-24-3	Decachlorobiphenyl	82%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Raw Data: BK26466.D

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26466.D	1	07/03/13	NK	07/01/13	OP33847	GBK910
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.070	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.074	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.17	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.10	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.15	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.074	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.064	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		30-150%
877-09-8	Tetrachloro-m-xylene	71%		30-150%
2051-24-3	Decachlorobiphenyl	79%		30-150%
2051-24-3	Decachlorobiphenyl	74%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	146 B J	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	92.4	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	144000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.90 B J	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	706	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	32600	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	171	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	2.1 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9480	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	252000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.8 B J	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	49.1 B J	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	144000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.2 B J	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	67.2 B J	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	32800	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	207	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	1.0 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	9500	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	262000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	20.3	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/9/14

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	483	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	81.8	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	134000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	0.90 B J	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	547	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.9 B J	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	31300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	173	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	4.9 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	10400	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	199000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	23.9	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	33.9 BJ	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	216000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	2.2 BJ	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	33.9 BJ	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	56300	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	298	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	5.2 BJ	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	16300	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	283000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	92.6	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	245	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	78.8	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	277000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.9 B J	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	445	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	62100	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	229	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	3.5 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	13900	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	573000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.3 B J	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/19/14

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.7 4

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	190 B J	200	40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Barium	78.2	50	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Calcium	281000	5000	38	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Chromium	1.4 U	10	1.4	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Cobalt	1.9 B J	50	0.40	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Iron	336	100	20	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Magnesium	62400	5000	59	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Manganese	233	15	0.81	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/01/13	07/03/13	SA	SW846 7470A [1]	SW846 7470A [4]
Nickel	3.3 B J	40	0.57	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Potassium	14000	5000	160	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Sodium	584000 J	5000	60	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]
Zinc	2.0 B J	20	0.50	ug/l	1	07/01/13	07/02/13	EAL	SW846 6010C [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA15824
(2) Instrument QC Batch: MA15829
(3) Prep QC Batch: MP21286
(4) Prep QC Batch: MP21292

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 1/19/14

Report of Analysis

Client Sample ID:	BCP MW-1		
Lab Sample ID:	MC22375-1	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:26	MA	SW846 9012

RL = Reporting Limit

MW-1 12/9/14

2

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-2		
Lab Sample ID:	MC22375-2	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:23	MA	SW846 9012

RL = Reporting Limit

MW 1/19/14

3

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-3		
Lab Sample ID:	MC22375-3	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.3
4

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:27	MA	SW846 9012

RL = Reporting Limit

LW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-4		
Lab Sample ID:	MC22375-4	Date Sampled:	06/27/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:30	MA	SW846 9012

RL = Reporting Limit

MW 1/19/14

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-5		
Lab Sample ID:	MC22375-5	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:31	MA	SW846 9012

RL = Reporting Limit

MW 1/19/14

7

Accutest LabLink@144612 16:28 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP MW-09		
Lab Sample ID:	MC22375-7	Date Sampled:	06/28/13
Matrix:	AQ - Ground Water	Date Received:	06/29/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.7 4

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:32	MA	SW846 9012

RL = Reporting Limit

MW 1/19/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC22415
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: January 20, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	TPMW5	MC22415-1	Water
2	EB-3	MC22415-2	Water

A Data Usability Summary Review was performed on the analytical data for one water sample and one aqueous equipment blank sample collected on July 1, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7470A
Cyanide	USEPA SW-846 Method 9012

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Four VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Chromium was qualified as nondetected in one sample due to equipment blank contamination.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were prepared and analyzed within 14 day for preserved water samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-3	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
07/08/13	Acetone	24.1%	J/UJ	All Samples
	Methyl tert butyl ether	22.6%	J/UJ	
	trans-1,3-Dichloropropene	20.6%	J/UJ	
	2-Hexanone	20.4%	J/UJ	

Compound Quantitation

- Several samples exhibited various compounds over the calibration range of the instrument. The samples were diluted and reanalyzed and the dilution results for these compounds were reported with the original analysis results for all other compounds. No action was required by the reviewer.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-3	None - ND	-	-	-

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 7 days for water samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples are summarized below.

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-3	None - ND	-	-	-

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- The following table lists field blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL and less than ten times (10x) the highest associated blank concentration (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U).

Blank ID	Compound	Conc. ug/L	Qualifier	Affected Samples
EB-3	Calcium	146	None	All Associated >10X
	Chromium	1.8	U	1
	Iron	74.7	None	All Associated >10X
	Manganese	1.2	None	
	Sodium	221	None	
	Zinc	1.6	None	

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 1/23/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: L75384.D L75394.D

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L75384.D	1	07/08/13	KR	n/a	n/a	MSL3508
Run #2	L75394.D	50	07/08/13	KR	n/a	n/a	MSL3508

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND UJ	10	2.8	ug/l	
71-43-2	Benzene	4840 [a]	25	23	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	3.0	5.0	0.58	ug/l	J
98-06-6	tert-Butylbenzene	261	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	19.4	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	10.5	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	2.4	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	9.1	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND UJ	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	404 [a]	50	19	ug/l	
591-78-6	2-Hexanone	ND UJ	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	14.1	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	0.96	5.0	0.55	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	ND UJ	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	18.7	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 1/20/14

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	72.0	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	45.7	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	2950 [a]	50	23	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	270	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	41.4	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	1280 [a]	50	35	ug/l	
95-47-6	o-Xylene	592 [a]	50	20	ug/l	
1330-20-7	Xylene (total)	1870 [a]	50	20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%	104%	70-130%
2037-26-5	Toluene-D8	110%	110%	70-130%
460-00-4	4-Bromofluorobenzene	111%	117%	70-130%

(a) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: L75383.D

2

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L75383.D	1	07/08/13	KR	n/a	n/a	MSL3508
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ UJ	10	2.8	ug/l	
71-43-2	Benzene	ND	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.33	ug/l	
75-25-2	Bromoform	ND	1.0	0.42	ug/l	
74-83-9	Bromomethane	ND	2.0	1.5	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	1.6	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.54	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.58	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.87	ug/l	
75-15-0	Carbon disulfide	ND	5.0	0.59	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.62	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.48	ug/l	
75-00-3	Chloroethane	ND	2.0	0.84	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	2.0	1.4	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.33	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.37	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.35	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.67	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	0.45	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.22	ug/l	
10061-02-6	trans-1,3-Dichloropropene	~~ND~~ UJ	0.50	0.29	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.38	ug/l	
591-78-6	2-Hexanone	~~ND~~ UJ	5.0	2.3	ug/l	
98-82-8	Isopropylbenzene	ND	5.0	0.64	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.55	ug/l	
1634-04-4	Methyl Tert Butyl Ether	~~ND~~ UJ	1.0	0.43	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.3	ug/l	
75-09-2	Methylene chloride	ND	2.0	0.41	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8260B	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.0	0.79	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.59	ug/l	
100-42-5	Styrene	ND	5.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.42	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.61	ug/l	
108-88-3	Toluene	ND	1.0	0.46	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.94	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.49	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.45	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.47	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.1	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.61	ug/l	
	m,p-Xylene	ND	1.0	0.70	ug/l	
95-47-6	o-Xylene	ND	1.0	0.41	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.41	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		70-130%
2037-26-5	Toluene-D8	111%		70-130%
460-00-4	4-Bromofluorobenzene	118%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13744.D	1	07/09/13	KR	07/03/13	OP33873	MSW626
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.39	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	10	0.50	ug/l	
120-83-2	2,4-Dichlorophenol	ND	10	0.33	ug/l	
105-67-9	2,4-Dimethylphenol	13.3	10	1.2	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	2.5	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	1.2	ug/l	
95-48-7	2-Methylphenol	8.7	10	1.3	ug/l	J
	3&4-Methylphenol	17.0	10	2.1	ug/l	
88-75-5	2-Nitrophenol	ND	10	0.51	ug/l	
100-02-7	4-Nitrophenol	ND	20	0.59	ug/l	
87-86-5	Pentachlorophenol	ND	10	1.3	ug/l	
108-95-2	Phenol	10	5.1	0.52	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	10	0.58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	10	0.32	ug/l	
83-32-9	Acenaphthene	ND	2.0	0.23	ug/l	
208-96-8	Acenaphthylene	ND	2.0	0.56	ug/l	
120-12-7	Anthracene	ND	2.0	0.21	ug/l	
56-55-3	Benzo(a)anthracene	0.44	2.0	0.21	ug/l	J
50-32-8	Benzo(a)pyrene	0.46	2.0	0.21	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.74	2.0	0.23	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.78	2.0	0.26	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.54	2.0	0.27	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	0.21	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	0.86	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	0.93	ug/l	
106-47-8	4-Chloroaniline	ND	10	0.25	ug/l	
86-74-8	Carbazole	0.29	2.0	0.21	ug/l	J
218-01-9	Chrysene	0.68	2.0	0.20	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	0.21	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	0.23	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	0.14	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	0.20	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	5.1	0.26	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	0.26	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	0.25	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	0.68	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	10	0.65	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	5.1	0.51	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	2.0	0.21	ug/l	
132-64-9	Dibenzofuran	ND	2.0	0.16	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	0.39	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	0.44	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	0.51	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	0.51	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	6.4	2.0	0.49	ug/l	
206-44-0	Fluoranthene	1.1	2.0	0.23	ug/l	J
86-73-7	Fluorene	ND	2.0	0.24	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	0.30	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	0.29	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.5	ug/l	
67-72-1	Hexachloroethane	ND	5.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	2.0	0.27	ug/l	J
78-59-1	Isophorone	ND	5.1	0.20	ug/l	
91-57-6	2-Methylnaphthalene	9.5	2.0	0.40	ug/l	
88-74-4	2-Nitroaniline	ND	10	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	10	0.51	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.4	ug/l	
91-20-3	Naphthalene	77.2	2.0	0.17	ug/l	
98-95-3	Nitrobenzene	ND	5.1	0.25	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	0.82	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.55	ug/l	
85-01-8	Phenanthrene	ND	2.0	0.21	ug/l	
129-00-0	Pyrene	0.81	2.0	0.22	ug/l	J
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		15-110%
4165-62-2	Phenol-d5	28%		15-110%
118-79-6	2,4,6-Tribromophenol	89%		15-110%
4165-60-0	Nitrobenzene-d5	55%		30-130%
321-60-8	2-Fluorobiphenyl	61%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: W13749.D

2

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	W13749.D	1	07/09/13	KR	07/03/13	OP33873	MSW626
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.8	0.36	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	9.5	0.47	ug/l	
120-83-2	2,4-Dichlorophenol	ND	9.5	0.31	ug/l	
105-67-9	2,4-Dimethylphenol	ND	9.5	1.1	ug/l	
51-28-5	2,4-Dinitrophenol	ND	19	2.4	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.5	1.1	ug/l	
95-48-7	2-Methylphenol	ND	9.5	1.2	ug/l	
	3&4-Methylphenol	ND	9.5	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	9.5	0.48	ug/l	
100-02-7	4-Nitrophenol	ND	19	0.56	ug/l	
87-86-5	Pentachlorophenol	ND	9.5	1.2	ug/l	
108-95-2	Phenol	ND	4.8	0.49	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	9.5	0.55	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	9.5	0.30	ug/l	
83-32-9	Acenaphthene	ND	1.9	0.22	ug/l	
208-96-8	Acenaphthylene	ND	1.9	0.53	ug/l	
120-12-7	Anthracene	ND	1.9	0.20	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.9	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.9	0.20	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.9	0.22	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.9	0.24	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.9	0.26	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.19	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	0.81	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.88	ug/l	
106-47-8	4-Chloroaniline	ND	9.5	0.24	ug/l	
86-74-8	Carbazole	ND	1.9	0.20	ug/l	
218-01-9	Chrysene	ND	1.9	0.19	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.20	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	0.22	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.13	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.19	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.25	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.24	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.23	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	9.5	0.64	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	9.5	0.61	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	4.8	0.48	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.9	0.20	ug/l	
132-64-9	Dibenzofuran	ND	1.9	0.15	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	0.37	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	0.41	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	0.48	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	0.48	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1.9	0.47	ug/l	
206-44-0	Fluoranthene	ND	1.9	0.21	ug/l	
86-73-7	Fluorene	ND	1.9	0.23	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.28	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	0.28	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	9.5	2.4	ug/l	
67-72-1	Hexachloroethane	ND	4.8	0.42	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.9	0.26	ug/l	
78-59-1	Isophorone	ND	4.8	0.19	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.9	0.37	ug/l	
88-74-4	2-Nitroaniline	ND	9.5	0.26	ug/l	
99-09-2	3-Nitroaniline	ND	9.5	0.48	ug/l	
100-01-6	4-Nitroaniline	ND	9.5	4.1	ug/l	
91-20-3	Naphthalene	ND	1.9	0.16	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.24	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	0.77	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	0.52	ug/l	
85-01-8	Phenanthrene	ND	1.9	0.20	ug/l	
129-00-0	Pyrene	ND	1.9	0.21	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	42%		15-110%
4165-62-2	Phenol-d5	28%		15-110%
118-79-6	2,4,6-Tribromophenol	75%		15-110%
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

2

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8270C SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.2
4

ABN TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1718-51-0	Terphenyl-d14	85%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: BE37400.D

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37400.D	1	07/06/13	AP	07/04/13	OP33885	GBE1941
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.048	0.020	ug/l	
319-84-6	alpha-BHC	ND	0.048	0.016	ug/l	
319-85-7	beta-BHC	ND	0.048	0.020	ug/l	
319-86-8	delta-BHC	ND	0.048	0.021	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.048	0.020	ug/l	
5103-71-9	alpha-Chlordane	ND	0.048	0.030	ug/l	
5103-74-2	gamma-Chlordane	ND	0.048	0.028	ug/l	
60-57-1	Dieldrin	ND	0.048	0.018	ug/l	
72-54-8	4,4'-DDD	ND	0.048	0.021	ug/l	
72-55-9	4,4'-DDE	ND	0.048	0.019	ug/l	
50-29-3	4,4'-DDT	ND	0.048	0.023	ug/l	
72-20-8	Endrin	ND	0.048	0.017	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.048	0.015	ug/l	
7421-93-4	Endrin aldehyde	ND	0.048	0.016	ug/l	
53494-70-5	Endrin ketone	ND	0.048	0.028	ug/l	
959-98-8	Endosulfan-I	ND	0.048	0.018	ug/l	
33213-65-9	Endosulfan-II	ND	0.048	0.019	ug/l	
76-44-8	Heptachlor	ND	0.048	0.015	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.048	0.017	ug/l	
72-43-5	Methoxychlor	ND	0.048	0.020	ug/l	
8001-35-2	Toxaphene	ND	2.4	0.16	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		30-150%
877-09-8	Tetrachloro-m-xylene	56%		30-150%
2051-24-3	Decachlorobiphenyl	46%		30-150%
2051-24-3	Decachlorobiphenyl	43%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: BE37381.D

2

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8081 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE37381.D	1	07/06/13	AP	07/04/13	OP33885	GBE1941
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.057	0.024	ug/l	
319-84-6	alpha-BHC	ND	0.057	0.020	ug/l	
319-85-7	beta-BHC	ND	0.057	0.025	ug/l	
319-86-8	delta-BHC	ND	0.057	0.025	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.057	0.024	ug/l	
5103-71-9	alpha-Chlordane	ND	0.057	0.036	ug/l	
5103-74-2	gamma-Chlordane	ND	0.057	0.033	ug/l	
60-57-1	Dieldrin	ND	0.057	0.022	ug/l	
72-54-8	4,4'-DDD	ND	0.057	0.025	ug/l	
72-55-9	4,4'-DDE	ND	0.057	0.023	ug/l	
50-29-3	4,4'-DDT	ND	0.057	0.027	ug/l	
72-20-8	Endrin	ND	0.057	0.020	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.057	0.018	ug/l	
7421-93-4	Endrin aldehyde	ND	0.057	0.019	ug/l	
53494-70-5	Endrin ketone	ND	0.057	0.034	ug/l	
959-98-8	Endosulfan-I	ND	0.057	0.022	ug/l	
33213-65-9	Endosulfan-II	ND	0.057	0.023	ug/l	
76-44-8	Heptachlor	ND	0.057	0.019	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.057	0.021	ug/l	
72-43-5	Methoxychlor	ND	0.057	0.024	ug/l	
8001-35-2	Toxaphene	ND	2.9	0.19	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	73%		30-150%
2051-24-3	Decachlorobiphenyl	54%		30-150%
2051-24-3	Decachlorobiphenyl	60%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: BK26495.D

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26495.D	1	07/05/13	AP	07/03/13	OP33887	GBK911
Run #2							

	Initial Volume	Final Volume
Run #1	1050 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.24	0.066	ug/l	
11104-28-2	Aroclor 1221	ND	0.24	0.069	ug/l	
11141-16-5	Aroclor 1232	ND	0.24	0.16	ug/l	
53469-21-9	Aroclor 1242	ND	0.24	0.097	ug/l	
12672-29-6	Aroclor 1248	ND	0.24	0.14	ug/l	
11097-69-1	Aroclor 1254	ND	0.24	0.069	ug/l	
11096-82-5	Aroclor 1260	ND	0.24	0.059	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	93%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%
2051-24-3	Decachlorobiphenyl	54%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Raw Data: BK26496.D

2

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK26496.D	1	07/05/13	AP	07/03/13	OP33887	GBK911
Run #2							

	Initial Volume	Final Volume
Run #1	870 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	0.079	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	0.083	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	0.19	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	0.12	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	0.17	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	0.084	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	0.072	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		30-150%
877-09-8	Tetrachloro-m-xylene	89%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 1/20/14

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5360	200	40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	3.9 B J	6.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	12.2	4.0	2.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	392	50	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.30 B J	4.0	0.25	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.90 B J	4.0	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	139000	5000	38	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	17.4	10	1.4	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	5.4 B J	50	0.40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	38.9	25	7.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	42400	100	20	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	65.3	5.0	1.7	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	27800	5000	59	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	401	15	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.18 B J	0.20	0.067	ug/l	1	07/08/13	07/09/13	EAL	SW846 7470A [2]	SW846 7470A [4]
Nickel	14.9 B J	40	0.57	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	6350	5000	160	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	111000	5000	60	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	16.1	10	2.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	289	20	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15851
(2) Instrument QC Batch: MA15852
(3) Prep QC Batch: MP21314
(4) Prep QC Batch: MP21326

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

NW 1/20/14

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	40 U	200	40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Antimony	1.9 U	6.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Arsenic	2.9 U	4.0	2.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Barium	0.81 U	50	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Beryllium	0.25 U	4.0	0.25	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cadmium	0.50 U	4.0	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Calcium	146 B J	5000	38	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Chromium	1.8 B J	10	1.4	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Cobalt	0.40 U	50	0.40	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Copper	7.0 U	25	7.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Iron	74.7 B J	100	20	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Lead	1.7 U	5.0	1.7	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Magnesium	59 U	5000	59	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Manganese	1.2 B J	15	0.81	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Mercury	0.067 U	0.20	0.067	ug/l	1	07/08/13	07/09/13	EAL	SW846 7470A [2]	SW846 7470A [4]
Nickel	0.57 U	40	0.57	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Potassium	160 U	5000	160	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Selenium	4.8 U	10	4.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Silver	1.0 U	5.0	1.0	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Sodium	221 B J	5000	60	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Thallium	1.9 U	5.0	1.9	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Vanadium	2.8 U	10	2.8	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]
Zinc	1.6 B J	20	0.50	ug/l	1	07/05/13	07/05/13	EAL	SW846 6010C [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA15851
(2) Instrument QC Batch: MA15852
(3) Prep QC Batch: MP21314
(4) Prep QC Batch: MP21326

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 11/20/14

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	TPMW5		
Lab Sample ID:	MC22415-1	Date Sampled:	07/01/13
Matrix:	AQ - Ground Water	Date Received:	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:33	MA	SW846 9012

RL = Reporting Limit

NW 1/20/14

Accutest LabLink@144612 16:29 04-Dec-2013

Report of Analysis

Client Sample ID:	EB-3		
Lab Sample ID:	MC22415-2	Date Sampled:	07/01/13
Matrix:	AQ - Equipment Blank	Date Received:	07/02/13
		Percent Solids:	n/a
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	07/03/13 12:34	MA	SW846 9012

RL = Reporting Limit

MW 1/20/14

APPENDIX J

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC24502
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: May 21, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP-FILL #1	MC24502-1	Soil
2	BCP-FILL #2	MC24502-2	Soil
3	BCP-FILL #3	MC24502-3	Soil
3MS*	BCP-FILL #3MS	MC24502-3MS	Soil
3MSD*	BCP-FILL #3MSD	MC24502-3MSD	Soil
4	BCP-FILL #4	MC24502-4	Soil
4MSα	BCP-FILL #4MS	MC24502-4MS	Soil
4MSDα	BCP-FILL #4MSD	MC24502-4MSD	Soil

* - Analyzed for Pesticides, Metals, and Cyanide only α - Analyzed for PCBs only

A Data Usability Summary Review was performed on the analytical data for four soil samples collected on September 17, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;

- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- 2-Hexanone was qualified as estimated in all samples due to a low LCS recovery.
- Four VOC compounds were qualified as estimated in all samples due to high continuing calibration %D values.
- Hexachlorocyclopentadiene was qualified as estimated in all samples due to a low LCS recovery.

- 4,4'-DDT was qualified as estimated in one sample due to a high %D value between columns.
- Antimony was qualified as estimated in all samples due to low matrix spike recoveries.
- Eleven metals compounds were qualified as estimated in all samples due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSM2057-BS	Bromoform	154%	None	All ND
	Carbon tetrachloride	140%	None	

LCS ID	Compound	%R	Qualifier	Affected Samples
MSM2057-BS (cont)	Dibromochloromethane	138%	None	All ND
	1,1-Dichloroethene	136%	None	
	2-Hexanone	68%	J/UJ	All Samples
	Tetrachloroethene	149%	None	All ND
	1,1,1-Trichloroethane	137%	None	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
09/20/13	Acetone	46.4%	J/UJ	All Samples
	Tetrachloroethene	29.9%	J/UJ	
	Dibromochloromethane	28.4%	J/UJ	
	Bromoform	35.5%	J/UJ	

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP34889-BS	Hexachlorocyclopentadiene	28%	J/UJ	All Samples

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- The following table presents surrogate percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J).

Pesticides			
Sample ID	Surrogate	%R	Qualifier
2	TCX1/TCX2/DCB1/DCB2	OK/OK/OK/362%	None for 1 Out
4	TCX1/TCX2/DCB1/DCB2	OK/6%/OK/OK	None for 1 Out

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- EDS Sample ID # 2 exhibited 4,4'-DDT with a high %D value > 25% between columns and 4,4'-DDT has been qualified as estimated (J) in this sample.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
3	Antimony	57.2%/58.4%/OK	J/UJ	All Samples
	Manganese	-17.9%/OK/OK	None	See SD
	Zinc	39.9%/OK/OK	None	
	Mercury	OK/153.5%/OK	None	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
3	Chromium	12.9%	J	All Samples
	Cobalt	13.4%	J	
	Iron	11.7%	J	
	Lead	12.6%	J	
	Magnesium	11.3%	J	
	Manganese	10.3%	J	
	Nickel	12.7%	J	
	Potassium	19.3%	J	
	Sodium	19.7%	J	
	Vanadium	10.1%	J	
	Zinc	14.1%	J	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/28/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M59441.D

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59441.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	5.26 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ UJ	11	4.5	ug/kg	
71-43-2	Benzene	1.7	0.57	0.28	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.41	ug/kg	
75-25-2	Bromoform	~~ND~~ UJ	2.3	0.33	ug/kg	
74-83-9	Bromomethane	ND	2.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.7	3.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	0.20	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	0.18	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	0.41	ug/kg	
75-15-0	Carbon disulfide	1.1	5.7	0.17	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.3	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.31	ug/kg	
75-00-3	Chloroethane	ND	5.7	0.69	ug/kg	
67-66-3	Chloroform	ND	2.3	0.33	ug/kg	
74-87-3	Chloromethane	ND	5.7	1.4	ug/kg	
124-48-1	Dibromochloromethane	~~ND~~ UJ	2.3	0.49	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.3	0.38	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.3	0.62	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.3	0.60	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	0.58	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	0.51	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.3	0.28	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.48	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.33	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.33	ug/kg	
100-41-4	Ethylbenzene	ND	2.3	0.20	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	5.7	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	0.32	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	0.18	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.3	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.7	2.1	ug/kg	
75-09-2	Methylene chloride	ND	2.3	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

4.1 4

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.7	0.90	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	0.28	ug/kg	
100-42-5	Styrene	ND	5.7	0.24	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.34	ug/kg	
127-18-4	Tetrachloroethene	~~ND~~ UJ	2.3	0.51	ug/kg	
108-88-3	Toluene	0.96	5.7	0.28	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.21	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.40	ug/kg	
79-01-6	Trichloroethene	ND	2.3	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.38	5.7	0.24	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	0.15	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.65	ug/kg	
	m,p-Xylene	0.78	2.3	0.33	ug/kg	J
95-47-6	o-Xylene	0.31	2.3	0.23	ug/kg	J
1330-20-7	Xylene (total)	1.1	2.3	0.23	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/21/14

2

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59442.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	3.88 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ UJ	14	5.6	ug/kg	
71-43-2	Benzene	0.66	0.72	0.35	ug/kg	J
75-27-4	Bromodichloromethane	ND	2.9	0.52	ug/kg	
75-25-2	Bromoform	~~ND~~ UJ	2.9	0.42	ug/kg	
74-83-9	Bromomethane	ND	2.9	1.4	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.2	4.4	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	0.25	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	0.23	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	0.51	ug/kg	
75-15-0	Carbon disulfide	11.0	7.2	0.22	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.9	1.7	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.39	ug/kg	
75-00-3	Chloroethane	ND	7.2	0.86	ug/kg	
67-66-3	Chloroform	ND	2.9	0.41	ug/kg	
74-87-3	Chloromethane	ND	7.2	1.7	ug/kg	
124-48-1	Dibromochloromethane	~~ND~~ UJ	2.9	0.61	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.9	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.9	0.78	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.9	0.75	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.9	0.73	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.9	0.64	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.9	0.35	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	0.41	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	2.9	0.25	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	7.2	3.5	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	0.40	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	0.23	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.9	0.57	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	7.2	2.7	ug/kg	
75-09-2	Methylene chloride	ND	2.9	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	7.2	1.1	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	0.35	ug/kg	
100-42-5	Styrene	ND	7.2	0.29	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	0.42	ug/kg	
127-18-4	Tetrachloroethene	~~ND~~ UJ	2.9	0.63	ug/kg	
108-88-3	Toluene	1.0	7.2	0.35	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.26	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.50	ug/kg	
79-01-6	Trichloroethene	ND	2.9	0.68	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.56	7.2	0.30	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	0.19	ug/kg	
75-01-4	Vinyl chloride	ND	2.9	0.82	ug/kg	
	m,p-Xylene	0.90	2.9	0.41	ug/kg	J
95-47-6	o-Xylene	0.37	2.9	0.29	ug/kg	J
1330-20-7	Xylene (total)	1.3	2.9	0.29	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	85%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	85%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

AW 5/21/14

Raw Data: M59443.D

3

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

4.3 4

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59443.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	4.58 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.8 J	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.62	0.31	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.45	ug/kg	
75-25-2	Bromoform	~~ND~~ UJ	2.5	0.36	ug/kg	
74-83-9	Bromomethane	ND	2.5	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.2	3.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	0.21	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	0.20	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	0.44	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	0.19	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.33	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.74	ug/kg	
67-66-3	Chloroform	ND	2.5	0.36	ug/kg	
74-87-3	Chloromethane	ND	6.2	1.5	ug/kg	
124-48-1	Dibromochloromethane	~~ND~~ UJ	2.5	0.53	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.5	0.41	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.5	0.67	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.5	0.65	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.63	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.55	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.5	0.30	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.36	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.36	ug/kg	
100-41-4	Ethylbenzene	ND	2.5	0.22	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	6.2	3.0	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	0.35	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	0.20	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.5	0.49	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	6.2	2.3	ug/kg	
75-09-2	Methylene chloride	ND	2.5	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	6.2	0.97	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	0.30	ug/kg	
100-42-5	Styrene	ND	6.2	0.25	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.36	ug/kg	
127-18-4	Tetrachloroethene	~~ND~~ UJ	2.5	0.55	ug/kg	
108-88-3	Toluene	1.6	6.2	0.30	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.22	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.43	ug/kg	
79-01-6	Trichloroethene	ND	2.5	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	0.25	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	0.16	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.70	ug/kg	
	m,p-Xylene	0.48	2.5	0.35	ug/kg	J
95-47-6	o-Xylene	ND	2.5	0.25	ug/kg	
1330-20-7	Xylene (total)	0.48	2.5	0.25	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		70-130%
2037-26-5	Toluene-D8	85%		70-130%
460-00-4	4-Bromofluorobenzene	80%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: M59444.D

4

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

4.4 4

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59444.D	1	09/21/13	KD	n/a	n/a	MSM2057
Run #2							

	Initial Weight	Final Volume
Run #1	5.41 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	~~ND~~ UJ	11	4.2	ug/kg	
71-43-2	Benzene	1.0	0.54	0.27	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.39	ug/kg	
75-25-2	Bromoform	~~ND~~ UJ	2.2	0.32	ug/kg	
74-83-9	Bromomethane	ND	2.2	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	5.4	3.4	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	0.19	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	0.17	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	0.39	ug/kg	
75-15-0	Carbon disulfide	4.3	5.4	0.16	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.2	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.29	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.65	ug/kg	
67-66-3	Chloroform	ND	2.2	0.31	ug/kg	
74-87-3	Chloromethane	ND	5.4	1.3	ug/kg	
124-48-1	Dibromochloromethane	~~ND~~ UJ	2.2	0.46	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.2	0.36	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.2	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.2	0.57	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.2	0.55	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.2	0.48	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	2.2	0.27	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.31	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	2.2	0.19	ug/kg	
591-78-6	2-Hexanone	~~ND~~ UJ	5.4	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	0.30	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	0.17	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.2	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.4	2.0	ug/kg	
75-09-2	Methylene chloride	ND	2.2	1.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8260B	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	5.4	0.85	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	0.26	ug/kg	
100-42-5	Styrene	ND	5.4	0.22	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.32	ug/kg	
127-18-4	Tetrachloroethene	~~ND~~ UJ	2.2	0.48	ug/kg	
108-88-3	Toluene	1.4	5.4	0.26	ug/kg	J
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.20	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.38	ug/kg	
79-01-6	Trichloroethene	ND	2.2	0.51	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	0.83	5.4	0.22	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.49	5.4	0.14	ug/kg	J
75-01-4	Vinyl chloride	ND	2.2	0.62	ug/kg	
	m,p-Xylene	1.2	2.2	0.31	ug/kg	J
95-47-6	o-Xylene	0.52	2.2	0.22	ug/kg	J
1330-20-7	Xylene (total)	1.8	2.2	0.22	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		70-130%
2037-26-5	Toluene-D8	84%		70-130%
460-00-4	4-Bromofluorobenzene	90%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

AW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33709.D	5	09/23/13	KR	09/19/13	OP34889	MSR1226
Run #2							

	Initial Weight	Final Volume
Run #1	21.0 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1400	65	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2900	73	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2900	83	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2900	470	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	5700	720	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2900	360	ug/kg	
95-48-7	2-Methylphenol	ND	2900	110	ug/kg	
	3&4-Methylphenol	ND	2900	140	ug/kg	
88-75-5	2-Nitrophenol	ND	2900	77	ug/kg	
100-02-7	4-Nitrophenol	ND	5700	540	ug/kg	
87-86-5	Pentachlorophenol	ND	2900	200	ug/kg	
108-95-2	Phenol	ND	1400	82	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2900	72	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2900	71	ug/kg	
83-32-9	Acenaphthene	ND	570	77	ug/kg	
208-96-8	Acenaphthylene	59.3	570	57	ug/kg	J
120-12-7	Anthracene	122	570	69	ug/kg	J
56-55-3	Benzo(a)anthracene	455	570	74	ug/kg	J
50-32-8	Benzo(a)pyrene	430	570	62	ug/kg	J
205-99-2	Benzo(b)fluoranthene	375	570	72	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	310	570	57	ug/kg	J
207-08-9	Benzo(k)fluoranthene	421	570	87	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	1400	72	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1400	59	ug/kg	
91-58-7	2-Chloronaphthalene	ND	1400	78	ug/kg	
106-47-8	4-Chloroaniline	ND	2900	72	ug/kg	
86-74-8	Carbazole	ND	570	68	ug/kg	
218-01-9	Chrysene	455	570	71	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	1400	67	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1400	87	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1400	100	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	1400	74	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1400	82	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1400	76	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	2900	190	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	2900	72	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1400	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	95.5	570	68	ug/kg	J
132-64-9	Dibenzofuran	ND	570	79	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1400	150	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1400	45	ug/kg	
84-66-2	Diethyl phthalate	ND	1400	72	ug/kg	
131-11-3	Dimethyl phthalate	ND	1400	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1400	53	ug/kg	
206-44-0	Fluoranthene	915	570	78	ug/kg	
86-73-7	Fluorene	ND	570	76	ug/kg	
118-74-1	Hexachlorobenzene	ND	1400	90	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1400	83	ug/kg	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	2900	720	ug/kg	
67-72-1	Hexachloroethane	ND	1400	69	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	270	570	63	ug/kg	J
78-59-1	Isophorone	ND	1400	66	ug/kg	
91-57-6	2-Methylnaphthalene	156	570	73	ug/kg	J
88-74-4	2-Nitroaniline	ND	2900	72	ug/kg	
99-09-2	3-Nitroaniline	ND	2900	160	ug/kg	
100-01-6	4-Nitroaniline	ND	2900	72	ug/kg	
91-20-3	Naphthalene	110	570	92	ug/kg	J
98-95-3	Nitrobenzene	ND	1400	77	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1400	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	87	ug/kg	
85-01-8	Phenanthrene	535	570	78	ug/kg	J
129-00-0	Pyrene	767	570	67	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1400	79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		30-130%
4165-62-2	Phenol-d5	71%		30-130%
118-79-6	2,4,6-Tribromophenol	41%		30-130%
4165-60-0	Nitrobenzene-d5	51%		30-130%
321-60-8	2-Fluorobiphenyl	53%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: R33739.D

2

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33739.D	5	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	1400	62	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	2800	70	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	2800	80	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	2800	450	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	5500	690	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2800	350	ug/kg	
95-48-7	2-Methylphenol	ND	2800	110	ug/kg	
	3&4-Methylphenol	ND	2800	130	ug/kg	
88-75-5	2-Nitrophenol	ND	2800	74	ug/kg	
100-02-7	4-Nitrophenol	ND	5500	520	ug/kg	
87-86-5	Pentachlorophenol	ND	2800	190	ug/kg	
108-95-2	Phenol	ND	1400	79	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	2800	69	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	2800	68	ug/kg	
83-32-9	Acenaphthene	179	550	74	ug/kg	J
208-96-8	Acenaphthylene	261	550	55	ug/kg	J
120-12-7	Anthracene	764	550	66	ug/kg	
56-55-3	Benzo(a)anthracene	5440	550	71	ug/kg	
50-32-8	Benzo(a)pyrene	5380	550	59	ug/kg	
205-99-2	Benzo(b)fluoranthene	5160	550	69	ug/kg	
191-24-2	Benzo(g,h,i)perylene	3800	550	55	ug/kg	
207-08-9	Benzo(k)fluoranthene	4200	550	83	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	1400	70	ug/kg	
85-68-7	Butyl benzyl phthalate	314	1400	56	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	1400	75	ug/kg	
106-47-8	4-Chloroaniline	ND	2800	69	ug/kg	
86-74-8	Carbazole	388	550	65	ug/kg	J
218-01-9	Chrysene	6100	550	69	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	1400	65	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	1400	84	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	1400	99	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	1400	71	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1400	79	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1400	73	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	2800	180	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	2800	69	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1400	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	1290	550	66	ug/kg	
132-64-9	Dibenzofuran	115	550	76	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1400	150	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1400	43	ug/kg	
84-66-2	Diethyl phthalate	ND	1400	69	ug/kg	
131-11-3	Dimethyl phthalate	ND	1400	80	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1400	51	ug/kg	
206-44-0	Fluoranthene	9510	550	76	ug/kg	
86-73-7	Fluorene	194	550	73	ug/kg	J
118-74-1	Hexachlorobenzene	ND	1400	86	ug/kg	
87-68-3	Hexachlorobutadiene	ND	1400	80	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND UJ	2800	690	ug/kg	
67-72-1	Hexachloroethane	ND	1400	67	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	3130	550	61	ug/kg	
78-59-1	Isophorone	ND	1400	64	ug/kg	
91-57-6	2-Methylnaphthalene	174	550	70	ug/kg	J
88-74-4	2-Nitroaniline	ND	2800	69	ug/kg	
99-09-2	3-Nitroaniline	ND	2800	150	ug/kg	
100-01-6	4-Nitroaniline	ND	2800	69	ug/kg	
91-20-3	Naphthalene	136	550	89	ug/kg	J
98-95-3	Nitrobenzene	ND	1400	75	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1400	79	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	1400	83	ug/kg	
85-01-8	Phenanthrene	3510	550	75	ug/kg	
129-00-0	Pyrene	10200	550	65	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1400	76	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	87%		30-130%
4165-62-2	Phenol-d5	86%		30-130%
118-79-6	2,4,6-Tribromophenol	88%		30-130%
4165-60-0	Nitrobenzene-d5	74%		30-130%
321-60-8	2-Fluorobiphenyl	96%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33740.D	1	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	280	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	560	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	560	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	560	91	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	560	70	ug/kg	
95-48-7	2-Methylphenol	ND	560	22	ug/kg	
	3&4-Methylphenol	ND	560	27	ug/kg	
88-75-5	2-Nitrophenol	ND	560	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	560	39	ug/kg	
108-95-2	Phenol	ND	280	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	560	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	560	14	ug/kg	
83-32-9	Acenaphthene	22.0	110	15	ug/kg	J
208-96-8	Acenaphthylene	19.0	110	11	ug/kg	J
120-12-7	Anthracene	68.4	110	13	ug/kg	J
56-55-3	Benzo(a)anthracene	385	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	351	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	322	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	228	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	247	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	280	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	280	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	280	15	ug/kg	
106-47-8	4-Chloroaniline	ND	560	14	ug/kg	
86-74-8	Carbazole	32.7	110	13	ug/kg	J
218-01-9	Chrysene	440	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	280	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	280	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	280	20	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	280	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	280	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	280	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	280	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	560	37	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	560	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	280	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	76.4	110	13	ug/kg	J
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	280	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	280	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	280	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	280	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	280	10	ug/kg	
206-44-0	Fluoranthene	688	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	280	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	280	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	560	140	ug/kg	
67-72-1	Hexachloroethane	ND	280	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	181	110	12	ug/kg	
78-59-1	Isophorone	ND	280	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	560	14	ug/kg	
99-09-2	3-Nitroaniline	ND	560	31	ug/kg	
100-01-6	4-Nitroaniline	ND	560	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	280	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	280	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	280	17	ug/kg	
85-01-8	Phenanthrene	435	110	15	ug/kg	
129-00-0	Pyrene	824	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	280	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		30-130%
4165-62-2	Phenol-d5	68%		30-130%
118-79-6	2,4,6-Tribromophenol	72%		30-130%
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	66%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: R33741.D

4

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R33741.D	1	09/24/13	KR	09/19/13	OP34889	MSR1227
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	580	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	580	17	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	580	94	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	580	72	ug/kg	
95-48-7	2-Methylphenol	ND	580	23	ug/kg	
	3&4-Methylphenol	ND	580	28	ug/kg	
88-75-5	2-Nitrophenol	ND	580	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	110	ug/kg	
87-86-5	Pentachlorophenol	ND	580	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	580	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	580	14	ug/kg	
83-32-9	Acenaphthene	97.2	120	15	ug/kg	J
208-96-8	Acenaphthylene	110	120	11	ug/kg	J
120-12-7	Anthracene	323	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	1360	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	1310	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	1540	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	932	120	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	834	120	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	16	ug/kg	
106-47-8	4-Chloroaniline	ND	580	14	ug/kg	
86-74-8	Carbazole	151	120	14	ug/kg	
218-01-9	Chrysene	1460	120	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	18	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8270C SW846 3546	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	580	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	580	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	298	120	14	ug/kg	
132-64-9	Dibenzofuran	102	120	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	2510	120	16	ug/kg	
86-73-7	Fluorene	109	120	15	ug/kg	J
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	580	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	748	120	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	195	120	15	ug/kg	
88-74-4	2-Nitroaniline	ND	580	14	ug/kg	
99-09-2	3-Nitroaniline	ND	580	31	ug/kg	
100-01-6	4-Nitroaniline	ND	580	14	ug/kg	
91-20-3	Naphthalene	240	120	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	1400	120	16	ug/kg	
129-00-0	Pyrene	2300	120	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		30-130%
4165-62-2	Phenol-d5	43%		30-130%
118-79-6	2,4,6-Tribromophenol	42%		30-130%
4165-60-0	Nitrobenzene-d5	34%		30-130%
321-60-8	2-Fluorobiphenyl	48%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8081 SW846 3546	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38065.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	6.0	1.8	ug/kg	
319-84-6	alpha-BHC	ND	6.0	1.4	ug/kg	
319-85-7	beta-BHC	ND	6.0	2.0	ug/kg	
319-86-8	delta-BHC	ND	6.0	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.0	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.0	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.0	1.8	ug/kg	
60-57-1	Dieldrin	ND	6.0	1.9	ug/kg	
72-54-8	4,4'-DDD	ND	6.0	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	6.0	2.5	ug/kg	
50-29-3	4,4'-DDT	ND	6.0	1.9	ug/kg	
72-20-8	Endrin	ND	6.0	2.4	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.0	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.0	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	6.0	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	6.0	1.9	ug/kg	
76-44-8	Heptachlor	ND	6.0	1.8	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.0	1.8	ug/kg	
72-43-5	Methoxychlor	ND	6.0	2.4	ug/kg	
53494-70-5	Endrin ketone	ND	6.0	2.2	ug/kg	
8001-35-2	Toxaphene	ND	60	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	44%		30-150%
2051-24-3	Decachlorobiphenyl	84%		30-150%
2051-24-3	Decachlorobiphenyl	119%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

2

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8081 SW846 3546	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38066.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.4	1.6	ug/kg	
319-84-6	alpha-BHC	ND	5.4	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.4	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.4	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.4	1.6	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.4	2.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.4	1.6	ug/kg	
60-57-1	Dieldrin	ND	5.4	1.7	ug/kg	
72-54-8	4,4'-DDD	ND	5.4	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.4	2.2	ug/kg	
50-29-3	4,4'-DDT [a]	11.2 J	5.4	1.7	ug/kg	
72-20-8	Endrin	ND	5.4	2.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.4	1.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.4	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.4	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	5.4	1.7	ug/kg	
76-44-8	Heptachlor	ND	5.4	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.4	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.4	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.4	2.0	ug/kg	
8001-35-2	Toxaphene	ND	54	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		30-150%
877-09-8	Tetrachloro-m-xylene	48%		30-150%
2051-24-3	Decachlorobiphenyl	129%		30-150%
2051-24-3	Decachlorobiphenyl	362% [b]		30-150%

(a) Confirmation value > 40% RPD.
(b) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8081 SW846 3546	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38067.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	3.1	5.6	2.3	ug/kg	J
50-29-3	4,4'-DDT	3.9	5.6	1.8	ug/kg	J
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		30-150%
877-09-8	Tetrachloro-m-xylene	62%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8081 SW846 3546	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38068.D	1	09/22/13	NK	09/19/13	OP34893	GBE1980
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.8	1.8	ug/kg	
319-84-6	alpha-BHC	ND	5.8	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.8	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.8	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.8	1.8	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.8	2.2	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.8	1.8	ug/kg	
60-57-1	Dieldrin	ND	5.8	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.8	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.8	2.4	ug/kg	
50-29-3	4,4'-DDT	ND	5.8	1.8	ug/kg	
72-20-8	Endrin	ND	5.8	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.8	2.0	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.8	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.8	2.3	ug/kg	
33213-65-9	Endosulfan-II	ND	5.8	1.9	ug/kg	
76-44-8	Heptachlor	ND	5.8	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.8	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.8	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.8	2.1	ug/kg	
8001-35-2	Toxaphene	ND	58	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		30-150%
877-09-8	Tetrachloro-m-xylene	6% [a]		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	144%		30-150%

(a) Outside control limits due to possible matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: BB51074.D

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8082 SW846 3546	Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51074.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	30	14	ug/kg	
11104-28-2	Aroclor 1221	ND	30	18	ug/kg	
11141-16-5	Aroclor 1232	ND	30	14	ug/kg	
53469-21-9	Aroclor 1242	ND	30	15	ug/kg	
12672-29-6	Aroclor 1248	ND	30	13	ug/kg	
11097-69-1	Aroclor 1254	ND	30	22	ug/kg	
11096-82-5	Aroclor 1260	ND	30	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		30-150%
877-09-8	Tetrachloro-m-xylene	77%		30-150%
2051-24-3	Decachlorobiphenyl	78%		30-150%
2051-24-3	Decachlorobiphenyl	68%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: BB51075.D

2

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

4.2 4

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8082 SW846 3546	Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51075.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	27	12	ug/kg	
11104-28-2	Aroclor 1221	ND	27	16	ug/kg	
11141-16-5	Aroclor 1232	ND	27	13	ug/kg	
53469-21-9	Aroclor 1242	ND	27	13	ug/kg	
12672-29-6	Aroclor 1248	ND	27	12	ug/kg	
11097-69-1	Aroclor 1254	ND	27	20	ug/kg	
11096-82-5	Aroclor 1260	18.1	27	14	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		30-150%
877-09-8	Tetrachloro-m-xylene	79%		30-150%
2051-24-3	Decachlorobiphenyl	96%		30-150%
2051-24-3	Decachlorobiphenyl	67%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

3

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8082 SW846 3546	Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51076.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	21	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		30-150%
877-09-8	Tetrachloro-m-xylene	87%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	77%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: BB51063.D

4

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
Method:	SW846 8082 SW846 3546	Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB51063.D	1	09/22/13	AP	09/19/13	OP34892	GBB3013
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		30-150%
877-09-8	Tetrachloro-m-xylene	86%		30-150%
2051-24-3	Decachlorobiphenyl	88%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8360	19	3.5	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.24 B J	0.97	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	8.7	0.97	0.20	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	154	4.9	0.070	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	1.0	0.39	0.023	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.66	0.39	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	61100	2400	30	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	15.8 J	0.97	0.092	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	3.6 B J	4.9	0.046	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	42.3	2.4	0.54	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	10900 J	9.7	0.84	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	190 J	0.97	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	6540 J	490	5.0	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	713 J	1.5	0.039	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.11	0.038	0.011	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	12.7 J	3.9	0.043	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	684 J	490	8.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.82 B J	0.97	0.34	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.15 B J	0.49	0.12	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	642 J	490	3.2	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.13 U	0.97	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	12.5 J	0.97	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	90.8 J	1.9	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-FILL #1		
Lab Sample ID:	MC24502-1	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	83.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.63	0.14	mg/kg	1	09/20/13 12:31	MA	SW846 9012 M
Solids, Percent	83.1		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum [a]	12700	39	7.0	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.39 B J	0.98	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	7.3	0.98	0.20	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium [a]	251	9.8	0.14	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium [a]	1.6	0.78	0.046	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	1.5	0.39	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	103000	2400	31	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	208 J	0.98	0.093	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	3.8 B J	4.9	0.046	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	38.8	2.4	0.54	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron [a]	40700 J	20	1.7	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	236 J	0.98	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium [a]	10600 J	980	10	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	6240 J	7.3	0.20	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.10	0.035	0.010	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	18.7 J	3.9	0.043	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium [a]	1060 J	980	17	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.34 U	0.98	0.34	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.38 B J	0.49	0.12	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium [a]	1060 J	980	6.5	mg/kg	2	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.99	0.98	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	67.5 J	0.98	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	228 J	2.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

(a) Elevated RL due to dilution required for matrix interference.

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #2		
Lab Sample ID:	MC24502-2	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	89.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	1.2	0.13	mg/kg	1	09/20/13 12:32	MA	SW846 9012 M
Solids, Percent	89.9		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2590	20	3.6	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.18 B J	1.0	0.15	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	4.9	1.0	0.21	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	68.0	5.0	0.073	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	0.14 B J	0.40	0.024	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	0.11 B J	0.40	0.042	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	92700	2500	32	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	6.0 J	1.0	0.095	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.0 B J	5.0	0.047	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	4.8	2.5	0.56	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	4950 J	10	0.87	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	321 J	1.0	0.17	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Magnesium	2270 J	500	5.1	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	181 J	1.5	0.040	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.13	0.034	0.0098	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	5.8 J	4.0	0.044	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	513 J	500	8.6	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	0.35 U	1.0	0.35	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.13 U	0.50	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	634 J	500	3.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.15 B J	1.0	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	16.2 J	1.0	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	127 J	2.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result >= MDL but < RL

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #3		
Lab Sample ID:	MC24502-3	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	88.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.13	0.13	mg/kg	1	09/20/13 12:30	MA	SW846 9012 M
Solids, Percent	88.2		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	16200	21	3.7	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Antimony	0.22 B J	1.0	0.16	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Arsenic	10.3	1.0	0.21	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Barium	532	5.1	0.075	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Beryllium	2.3	0.41	0.025	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cadmium	3.5	0.41	0.044	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Calcium	40700	2600	32	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	14.3 J	1.0	0.098	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Cobalt	2.8 B J	5.1	0.048	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Copper	60.7	2.6	0.57	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Iron	9800 J	10	0.90	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Lead	3470 J	5.1	0.86	mg/kg	5	09/19/13	09/20/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	7520 J	510	5.3	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Manganese	1260 J	1.5	0.041	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Mercury	0.34	0.036	0.010	mg/kg	1	09/23/13	09/24/13	EM	SW846 7471B [3]	SW846 7471B [5]
Nickel	13.2 J	4.1	0.045	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Potassium	1120 J	510	8.8	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Selenium	1.9	1.0	0.36	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Silver	0.28 B J	0.51	0.13	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Sodium	1220 J	510	3.4	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Thallium	0.14 U	1.0	0.14	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Vanadium	10.8 J	1.0	0.14	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]
Zinc	386 J	2.1	0.17	mg/kg	1	09/19/13	09/19/13	EAL	SW846 6010C [1]	SW846 3050B [4]

(1) Instrument QC Batch: MA16110
(2) Instrument QC Batch: MA16116
(3) Instrument QC Batch: MA16121
(4) Prep QC Batch: MP21667
(5) Prep QC Batch: MP21683

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/21/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-FILL #4		
Lab Sample ID:	MC24502-4	Date Sampled:	09/17/13
Matrix:	SO - Soil	Date Received:	09/18/13
		Percent Solids:	85.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.59	0.13	mg/kg	1	09/20/13 12:33	MA	SW846 9012 M
Solids, Percent	85.2		%	1	09/19/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 5/21/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC24810
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: May 21, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP-NORTH WALL COMPOSITE	MC24810-1	Soil
1MS*	BCP-NORTH WALL COMPOSITEMS	MC24810-1MS	Soil
1MSD*	BCP-NORTH WALL COMPOSITEMSD	MC24810-1MSD	Soil

* - Analyzed for Pesticides/PCBs only

A Data Usability Summary Review was performed on the analytical data for one soil sample collected on September 25, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The sample was analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270C
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;

- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- n-Butylbenzene was qualified as estimated in one sample due to a high continuing calibration %D value.
- Hexachlorocyclopentadiene was qualified as estimated in one sample due to a low LCS recovery.
- Diethylphthalate was qualified as nondetected in one sample due to method blank contamination.
- Two metals compounds were qualified as estimated in one sample due to low/high matrix spike recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSM2074-BS	Acetone	142%	None	ND
	2-Butanone	157%	None	
	2-Hexanone	132%	None	

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
10/02/13	n-Butylbenzene	30.0%	J/UJ	1

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP35043-BS	Hexachlorocyclopentadiene	35%	J/UJ	1

Method Blank

- The following table lists method blanks with contamination and the samples associated with the blanks that had results qualified as a consequence of the blank contamination. For detected compound concentrations <RL, the results are negated and qualified (U). For detected sample concentrations >RL of phthalate esters (common laboratory contaminants) less than ten times (10x) the highest associated blank (after taking sample dilution levels, percent moisture and sample volume into account) are negated and qualified with a (U). For all other compounds >RL, an action level of five times (5x) the highest associated blank concentration is used.

Blank ID	Compound	Conc. ug/kg	Action Level ug/kg	Qualifier	Affected Samples
OP35043-MB	Diethylphthalate	35.7	357	U	1

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	OK/74.3%/OK	J/UJ	1
	Cyanide	58.4%/OK/OK	J/UJ	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/28/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

R = The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M59866.D

1

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8260B	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M59866.D	1	10/02/13	KD	n/a	n/a	MSM2074
Run #2							

	Initial Weight	Final Volume
Run #1	6.84 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.1	3.2	ug/kg	
71-43-2	Benzene	2.9	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.79	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.5	ug/kg	
104-51-8	n-Butylbenzene	NDUJ	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	0.56	4.1	0.12	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.6	0.94	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.1	0.99	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
100-41-4	Ethylbenzene	0.91	1.6	0.14	ug/kg	J
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/21/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8260B	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.64	ug/kg	
103-65-1	n-Propylbenzene	ND	4.1	0.20	ug/kg	
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.36	ug/kg	
108-88-3	Toluene	5.4	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.5	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	4.1	0.10	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.46	ug/kg	
	m,p-Xylene	4.2	1.6	0.23	ug/kg	
95-47-6	o-Xylene	1.3	1.6	0.17	ug/kg	J
1330-20-7	Xylene (total)	5.5	1.6	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	82%		70-130%
2037-26-5	Toluene-D8	82%		70-130%
460-00-4	4-Bromofluorobenzene	93%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/2/14

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8270C SW846 3546	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F67438.D	1	10/04/13	KR	09/30/13	OP35043	MSF3105
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	270	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	88	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	68	ug/kg	
95-48-7	2-Methylphenol	ND	540	22	ug/kg	
	3&4-Methylphenol	ND	540	26	ug/kg	
88-75-5	2-Nitrophenol	ND	540	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	38	ug/kg	
108-95-2	Phenol	ND	270	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	15	ug/kg	
106-47-8	4-Chloroaniline	ND	540	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	14.1	110	13	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	270	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8270C SW846 3546	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	270	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	8.5	ug/kg	
84-66-2	Diethyl phthalate	~~35.1~~ ND	270	14	ug/kg	~~J~~
131-11-3	Dimethyl phthalate	ND	270	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	10	ug/kg	
206-44-0	Fluoranthene	15.2	110	15	ug/kg	J
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	~~ND~~ UJ	540	140	ug/kg	
67-72-1	Hexachloroethane	ND	270	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	270	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	540	14	ug/kg	
99-09-2	3-Nitroaniline	ND	540	30	ug/kg	
100-01-6	4-Nitroaniline	ND	540	14	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	270	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	16	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	16.5	110	13	ug/kg	J
120-82-1	1,2,4-Trichlorobenzene	ND	270	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	52%		30-130%
4165-62-2	Phenol-d5	51%		30-130%
118-79-6	2,4,6-Tribromophenol	62%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	60%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Raw Data: BE38203.D

1

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8081 SW846 3546	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38203.D	1	10/04/13	NK	09/30/13	OP35044	GBE1985
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.1	2.2	ug/kg	
319-84-6	alpha-BHC	ND	7.1	1.7	ug/kg	
319-85-7	beta-BHC	ND	7.1	2.4	ug/kg	
319-86-8	delta-BHC	ND	7.1	1.3	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.1	2.2	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.1	2.7	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.1	2.2	ug/kg	
60-57-1	Dieldrin	ND	7.1	2.3	ug/kg	
72-54-8	4,4'-DDD	ND	7.1	2.3	ug/kg	
72-55-9	4,4'-DDE	ND	7.1	2.9	ug/kg	
50-29-3	4,4'-DDT	ND	7.1	2.2	ug/kg	
72-20-8	Endrin	ND	7.1	2.8	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.1	2.4	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.1	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	7.1	2.8	ug/kg	
33213-65-9	Endosulfan-II	ND	7.1	2.3	ug/kg	
76-44-8	Heptachlor	ND	7.1	2.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.1	2.2	ug/kg	
72-43-5	Methoxychlor	ND	7.1	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	7.1	2.6	ug/kg	
8001-35-2	Toxaphene	ND	71	37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	70%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/21/14

Raw Data: BK30303.D

1

Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
Method:	SW846 8082 SW846 3546	Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK30303.D	1	10/04/13	NK	09/30/13	OP35045	GBK1005
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	21	ug/kg	
11141-16-5	Aroclor 1232	ND	35	17	ug/kg	
53469-21-9	Aroclor 1242	ND	35	18	ug/kg	
12672-29-6	Aroclor 1248	ND	35	16	ug/kg	
11097-69-1	Aroclor 1254	ND	35	26	ug/kg	
11096-82-5	Aroclor 1260	ND	35	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		30-150%
877-09-8	Tetrachloro-m-xylene	68%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/21/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
		Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7330	22	3.9	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.16 BUJ	1.1	0.16	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	2.2	1.1	0.22	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	48.1	5.4	0.078	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.34 BJ	0.43	0.026	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.046 U	0.43	0.046	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	58700	540	6.8	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	10.5	1.1	0.10	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	4.7 BJ	5.4	0.051	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	11.1	2.7	0.60	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	11300	11	0.94	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	10.9	1.1	0.18	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	24900	540	5.5	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	355	1.6	0.043	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.010 U	0.035	0.010	mg/kg	1	10/02/13	10/03/13	SA	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.7	4.3	0.047	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	1990	540	9.2	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.37 U	1.1	0.37	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.13 U	0.54	0.13	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	298 BJ	540	3.6	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.25 BJ	1.1	0.14	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	16.9	1.1	0.14	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	57.1	2.2	0.17	mg/kg	1	10/02/13	10/03/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA16175
(2) Instrument QC Batch: MA16184
(3) Prep QC Batch: MP21744
(4) Prep QC Batch: MP21745

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/21/14

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Accutest LabLink@144612 16:32 04-Dec-2013

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE		
Lab Sample ID:	MC24810-1	Date Sampled:	09/25/13
Matrix:	SO - Soil	Date Received:	09/27/13
		Percent Solids:	90.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	<0.13 UJ	0.13	mg/kg	1	10/01/13 14:01	MA	SW846 9012 M
Solids, Percent	90.1		%	1	09/30/13	HS	SM21 2540 B MOD.

RL = Reporting Limit

MW 5/21/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC25786
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: May 22, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP-BOTTOM 22	MC25786-1	Soil
2*	BCP-BOTTOM 23	MC25786-2	Soil
3*	BCP-EAST WALL 2A	MC25786-3	Soil
4	BCP-EAST WALL COMPOSITE #1	MC25786-4	Soil
4MS†	BCP-EAST WALL COMPOSITE #1MS	MC25786-4MS	Soil
4MSD†	BCP-EAST WALL COMPOSITE #1MSD	MC25786-4MSD	Soil

* - Analyzed for VOC and SVOC only † - Analyzed for VOC and Cyanide only

A Data Usability Summary Review was performed on the analytical data for four soil samples collected on October 30, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260B
SVOCs	USEPA SW-846 Method 8270D
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;

- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Naphthalene was qualified as estimated in one sample due to a low matrix spike recovery.
- Antimony was qualified as estimated in one sample due to low matrix spike recoveries.
- Twelve metals compounds were qualified as estimated in one sample due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Acetone	142%/155%/OK	None - Sample ND
	2-Butanone	133%/OK/OK	
	4-Methyl-2-pentanone	143%/150%/OK	
	Naphthalene	60%/OK/OK	J/UJ

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSM2122-BS	Chloromethane	149%	None	All ND

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP35524-BS	4,4'-DDT	150%	None	Sample ND
	Endrin	149%	None	
	Methoxychlor	145%	None	

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	28.5%/31.4%/OK	J/UJ	4
	Lead	133.1%/48.7%/93	None	See SD

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, all results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Barium	10.2%	J	4
	Calcium	13.8%	J	
	Chromium	13.5%	J	
	Cobalt	13.3%	J	
	Iron	15.5%	J	
	Lead	14.5%	J	
	Magnesium	12.3%	J	
	Manganese	13.5%	J	
	Nickel	14.4%	J	
	Potassium	14.6%	J	
	Vanadium	11.9%	J	
	Zinc	15.7%	J	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/28/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M60924.D

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60924.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.59 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	7.6	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.7	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.31	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	14.8	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.8	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.5	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	9.6	1.7	0.24	ug/kg	
95-47-6	o-Xylene	3.2	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	12.8	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	94%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Raw Data: M60925.D

2

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60925.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.67 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	6.5	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.80	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.5	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.1	0.23	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.30	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	13.2	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.2	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.4	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	7.9	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.7	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	10.7	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/22/14

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EAST WALL 2A		
Lab Sample ID:	MC25786-3	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60926.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	7.32 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.2	3.2	ug/kg	
71-43-2	Benzene	7.8	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.30	ug/kg	
75-25-2	Bromoform	ND	1.6	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.79	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	ND	4.1	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.95	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.49	ug/kg	
67-66-3	Chloroform	ND	1.6	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	0.99	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.24	ug/kg	
100-41-4	Ethylbenzene	1.7	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.23	4.1	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Report of Analysis

Client Sample ID:	BCP-EAST WALL 2A		
Lab Sample ID:	MC25786-3	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.1	0.64	ug/kg	
103-65-1	n-Propylbenzene	0.35	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.36	ug/kg	
108-88-3	Toluene	15.5	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.8	4.1	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.6	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.46	ug/kg	
	m,p-Xylene	10.1	1.6	0.23	ug/kg	
95-47-6	o-Xylene	3.4	1.6	0.17	ug/kg	
1330-20-7	Xylene (total)	13.4	1.6	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	95%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Raw Data: M60927.D

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Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M60927.D	1	11/02/13	KD	n/a	n/a	MSM2122
Run #2							

	Initial Weight	Final Volume
Run #1	6.64 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	8.0	0.41	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.1	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.1	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.1	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.1	0.29	ug/kg	
75-15-0	Carbon disulfide	0.59	4.1	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	2.3	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.35	4.1	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.1	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.1	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/22/14

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8260B	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	~~ND~~ UJ	4.1	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.48	4.1	0.20	ug/kg	J
100-42-5	Styrene	ND	4.1	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	17.8	4.1	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.1	4.1	0.17	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.7	4.1	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	13.5	1.7	0.24	ug/kg	
95-47-6	o-Xylene	4.3	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	17.8	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/22/14

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Report of Analysis

Client Sample ID:	BCP-BOTTOM 22		
Lab Sample ID:	MC25786-1	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8270D SW846 3546	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70116.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	73%		30-130%
1718-51-0	Terphenyl-d14	86%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-BOTTOM 23		
Lab Sample ID:	MC25786-2	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8270D SW846 3546	Percent Solids:	79.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70117.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.8 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		30-130%
321-60-8	2-Fluorobiphenyl	71%		30-130%
1718-51-0	Terphenyl-d14	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-EAST WALL 2A		
Lab Sample ID:	MC25786-3	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8270D SW846 3546	Percent Solids:	83.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70118.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		30-130%
321-60-8	2-Fluorobiphenyl	69%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

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Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8270D SW846 3546	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F70119.D	1	11/04/13	KR	11/01/13	OP35526	MSF3132
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	270	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	540	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	540	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	540	88	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	540	68	ug/kg	
95-48-7	2-Methylphenol	ND	540	22	ug/kg	
	3&4-Methylphenol	ND	540	26	ug/kg	
88-75-5	2-Nitrophenol	ND	540	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	100	ug/kg	
87-86-5	Pentachlorophenol	ND	540	38	ug/kg	
108-95-2	Phenol	ND	270	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	540	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	540	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	270	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	270	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	270	15	ug/kg	
106-47-8	4-Chloroaniline	ND	540	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	270	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	270	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	270	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8270D SW846 3546	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	270	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	270	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	270	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	540	36	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	540	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	270	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	270	29	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	270	8.5	ug/kg	
84-66-2	Diethyl phthalate	ND	270	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	270	16	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	270	10	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	270	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	270	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	540	140	ug/kg	
67-72-1	Hexachloroethane	ND	270	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	270	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	540	14	ug/kg	
99-09-2	3-Nitroaniline	ND	540	30	ug/kg	
100-01-6	4-Nitroaniline	ND	540	14	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	270	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	270	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	270	16	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	270	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	57%		30-130%
4165-62-2	Phenol-d5	56%		30-130%
118-79-6	2,4,6-Tribromophenol	64%		30-130%
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Raw Data: BE38765.D

4

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8081 SW846 3546	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE38765.D	1	11/04/13	NK	11/01/13	OP35524	GBE2010
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	7.2	2.2	ug/kg	
319-84-6	alpha-BHC	ND	7.2	1.7	ug/kg	
319-85-7	beta-BHC	ND	7.2	2.4	ug/kg	
319-86-8	delta-BHC	ND	7.2	1.4	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	7.2	2.2	ug/kg	
5103-71-9	alpha-Chlordane	ND	7.2	2.7	ug/kg	
5103-74-2	gamma-Chlordane	ND	7.2	2.2	ug/kg	
60-57-1	Dieldrin	ND	7.2	2.3	ug/kg	
72-54-8	4,4'-DDD	ND	7.2	2.4	ug/kg	
72-55-9	4,4'-DDE	ND	7.2	3.0	ug/kg	
50-29-3	4,4'-DDT	ND	7.2	2.3	ug/kg	
72-20-8	Endrin	ND	7.2	2.9	ug/kg	
1031-07-8	Endosulfan sulfate	ND	7.2	2.4	ug/kg	
7421-93-4	Endrin aldehyde	ND	7.2	2.2	ug/kg	
959-98-8	Endosulfan-I	ND	7.2	2.8	ug/kg	
33213-65-9	Endosulfan-II	ND	7.2	2.3	ug/kg	
76-44-8	Heptachlor	ND	7.2	2.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	7.2	2.2	ug/kg	
72-43-5	Methoxychlor	ND	7.2	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	7.2	2.6	ug/kg	
8001-35-2	Toxaphene	ND	72	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	89%		30-150%
2051-24-3	Decachlorobiphenyl	120%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Raw Data: BK31533.D

4

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
Method:	SW846 8082 SW846 3546	Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BK31533.D	1	11/04/13	NK	11/01/13	OP35523	GBK1045
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	16	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	17	ug/kg	
53469-21-9	Aroclor 1242	ND	36	18	ug/kg	
12672-29-6	Aroclor 1248	ND	36	16	ug/kg	
11097-69-1	Aroclor 1254	ND	36	26	ug/kg	
11096-82-5	Aroclor 1260	ND	36	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		30-150%
877-09-8	Tetrachloro-m-xylene	100%		30-150%
2051-24-3	Decachlorobiphenyl	108%		30-150%
2051-24-3	Decachlorobiphenyl	119%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/22/14

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
		Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1930	17	3.1	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Antimony	0.13 B UJ	0.87	0.13	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Arsenic	1.1	0.87	0.18	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Barium	6.5 J	4.4	0.063	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Beryllium	0.078 B J	0.35	0.021	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cadmium	0.17 B J	0.35	0.037	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Calcium	37000 J	440	5.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Chromium	3.2 J	0.87	0.083	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Cobalt	1.3 B J	4.4	0.041	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Copper	5.4	2.2	0.48	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Iron	4600 J	8.7	0.76	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Lead	5.9 J	0.87	0.15	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Magnesium	17200 J	440	4.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Manganese	166 J	1.3	0.035	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Mercury	0.0097 U	0.033	0.0097	mg/kg	1	11/02/13	11/04/13	EM	SW846 7471B [1]	SW846 7471B [4]
Nickel	2.9 B J	3.5	0.038	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Potassium	452 J	440	7.5	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Selenium	0.30 U	0.87	0.30	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Silver	0.11 U	0.44	0.11	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Sodium	158 B J	440	2.9	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Thallium	0.12 U	0.87	0.12	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Vanadium	8.0 J	0.87	0.12	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]
Zinc	60.0 J	1.7	0.14	mg/kg	1	11/01/13	11/04/13	EAL	SW846 6010C [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA16329
(2) Instrument QC Batch: MA16333
(3) Prep QC Batch: MP21940
(4) Prep QC Batch: MP21949

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/22/14

Accutest LabLink@144500 09:38 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP-EAST WALL COMPOSITE #1		
Lab Sample ID:	MC25786-4	Date Sampled:	10/30/13
Matrix:	SO - Soil	Date Received:	10/31/13
		Percent Solids:	91.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	11/04/13 12:23	CF	SW846 3060A/7196A
Chromium, Trivalent [a]	3.0	1.3	mg/kg	1	11/04/13 12:23	CF	SW846 6010/7196A M
Cyanide	< 0.13	0.13	mg/kg	1	11/04/13 10:27	MA	SW846 9012 M
Redox Potential Vs H2	374		mv	1	11/01/13	CF	ASTM D1498-76M
Solids, Percent	91		%	1	11/01/13	HS	SM21 2540 B MOD.
pH	8.5		su	1	11/01/13	MA	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

MW 5/22/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC26304
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: May 23, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	BCP-BOTTOM 35	MC26304-1	Soil
1MS*	BCP-BOTTOM 35MS	MC26304-1MS	Soil
1MSD*	BCP-BOTTOM 35MSD	MC26350-1MSD	Soil
2	BCP-BOTTOM 36	MC26304-2	Soil
2MS†	BCP-BOTTOM 36MS	MC26304-2MS	Soil
2MSD†	BCP-BOTTOM 36MSD	MC26304-2MSD	Soil
3*	BCP-BOTTOM 37	MC26304-3	Soil
4*	BCP-BOTTOM 38	MC26304-4	Soil
5*	BCP-WEST WALL 4	MC26304-5	Soil
6*	BCP-WEST WALL 5	MC26304-6	Soil
7*	BCP-NORTH WALL 7	MC26304-7	Soil
8*	BCP-NORTH WALL 6	MC26304-8	Soil
9	BCP-NORTH WALL COMPOSITE 2	MC26304-9	Soil
9MSβ	BCP-NORTH WALL COMPOSITE 2MS	MC26304-9MS	Soil
9MSDβ	BCP-NORTH WALL COMPOSITE 2MSD	MC26304-9MSD	Soil
10*	BCP-IRM DUPLICATE 3	MC26304-10	Soil

* - Analyzed for VOC and SVOC only
† - Analyzed for PCBs only
β - Analyzed for Pesticides and Cyanide only

A Data Usability Summary Review was performed on the analytical data for ten soil samples collected on November 14, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions"*.

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C
SVOCs	USEPA SW-846 Method 8270D
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;
- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Three VOC compounds were qualified as estimated in one sample due to low MS/MSD recoveries.
- Antimony was qualified as estimated in all samples due to low matrix spike recoveries.
- Ten metals compounds were qualified as estimated in one sample due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier
1	Acetone	143%/148%/OK	None - Sample ND
	Bromomethane	67%/66%/OK	J/UJ
	2-Butanone	137%/143%/OK	None - Sample ND
	Chloromethane	66%/63%/OK	J/UJ
	2-Hexanone	142%/142%/OK	None - Sample ND
	4-Methyl-2-pentanone	169%/168%/OK	None - Sample ND
	Vinyl chloride	56%/55%/OK	J/UJ

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

VOCs				
Compound	BCP-WEST WALL 4 ug/kg	BCP-IRM DUPLICATE 3 ug/kg	RPD	Qualifier
Benzene	8.8	10.1	14%	None
sec-Butylbenzene	0.59	0.67	13%	
Chloroform	0.74	1.1	39%	
Ethylbenzene	5.1	5.9	15%	
Isopropylbenzene	0.98	1.1	12%	
Naphthalene	2.5	3.4	31%	
n-Propylbenzene	3.5	3.1	12%	
Toluene	20.7	25.1	19%	
1,2,4-Trimethylbenzene	12.4	16.0	25%	
1,3,5-Trimethylbenzene	4.2	6.1	37%	
m,p-Xylene	24.9	32.0	25%	
o-Xylene	9.7	12.8	28%	
Xylene (total)	34.6	44.9	26%	

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate results are summarized below.

SVOCs				
Compound	BCP-WEST WALL 4 ug/kg	BCP-IRM DUPLICATE 3 ug/kg	RPD	Qualifier
None	ND	ND	-	-

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP35785-BS1	Endrin	149%	None	All ND
	Endrin aldehyde	148%	None	

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	45.1%/46.1%/OK	J/UJ	All Samples

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Beryllium	11.3%	J	All Samples
	Calcium	12.2%	J	
	Chromium	12.9%	J	
	Cobalt	10.5%	J	
	Magnesium	10.1%	J	
	Manganese	13.0%	J	
	Nickel	11.7%	J	
	Potassium	12.2%	J	
	Vanadium	11.2%	J	
	Zinc	13.4%	J	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/28/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M61510.D

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61510.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.53 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	7.0	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	~~ND~~ UJ	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	0.36	4.2	0.30	ug/kg	J
75-15-0	Carbon disulfide	ND	4.2	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	~~ND~~ UJ	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	2.8	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	1.8	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	3.7	4.2	0.66	ug/kg	J
103-65-1	n-Propylbenzene	5.5	4.2	0.20	ug/kg	
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	13.0	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	4.2	4.2	0.17	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	1.5	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	~~ND~~ UJ	1.7	0.48	ug/kg	
	m,p-Xylene	9.8	1.7	0.24	ug/kg	
95-47-6	o-Xylene	3.1	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	12.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

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Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61511.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.50 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.5	3.3	ug/kg	
71-43-2	Benzene	7.9	0.43	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.31	ug/kg	
75-25-2	Bromoform	ND	1.7	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.3	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.3	0.15	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.3	0.14	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.3	0.30	ug/kg	
75-15-0	Carbon disulfide	0.33	4.3	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.99	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.3	0.51	ug/kg	
67-66-3	Chloroform	ND	1.7	0.25	ug/kg	
74-87-3	Chloromethane	ND	4.3	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
100-41-4	Ethylbenzene	4.8	1.7	0.15	ug/kg	
591-78-6	2-Hexanone	ND	4.3	2.1	ug/kg	
98-82-8	Isopropylbenzene	0.73	4.3	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.3	0.14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.3	1.6	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1.2	4.3	0.67	ug/kg	J
103-65-1	n-Propylbenzene	2.8	4.3	0.21	ug/kg	J
100-42-5	Styrene	ND	4.3	0.18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.38	ug/kg	
108-88-3	Toluene	14.2	4.3	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.30	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	7.8	4.3	0.18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	1.8	4.3	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.49	ug/kg	
	m,p-Xylene	12.9	1.7	0.24	ug/kg	
95-47-6	o-Xylene	4.2	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	17.1	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

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Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61512.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.09 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.3	2.9	ug/kg	
71-43-2	Benzene	5.1	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
100-41-4	Ethylbenzene	1.2	1.5	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.20	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.7	0.58	ug/kg	
103-65-1	n-Propylbenzene	0.24	3.7	0.18	ug/kg	J
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.32	ug/kg	
108-88-3	Toluene	9.8	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.25	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.9	3.7	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	3.7	0.095	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	6.5	1.5	0.21	ug/kg	
95-47-6	o-Xylene	2.2	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	8.7	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

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Report of Analysis

Client Sample ID:	BCP-BOTTOM 38		
Lab Sample ID:	MC26304-4	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61513.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.07 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.3	2.8	ug/kg	
71-43-2	Benzene	13.2	0.36	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.26	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.6	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.6	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.6	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.6	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.6	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.24	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.38	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.37	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
100-41-4	Ethylbenzene	1.9	1.5	0.13	ug/kg	
591-78-6	2-Hexanone	ND	3.6	1.8	ug/kg	
98-82-8	Isopropylbenzene	0.35	3.6	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.6	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.6	1.3	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 38		
Lab Sample ID:	MC26304-4	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	1.1	3.6	0.57	ug/kg	J
103-65-1	n-Propylbenzene	0.70	3.6	0.18	ug/kg	J
100-42-5	Styrene	ND	3.6	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.32	ug/kg	
108-88-3	Toluene	13.2	3.6	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.25	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	6.4	3.6	0.15	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.5	3.6	0.094	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	10.5	1.5	0.21	ug/kg	
95-47-6	o-Xylene	5.0	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	15.5	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: M61514.D

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Report of Analysis

Client Sample ID:	BCP-WEST WALL 4		
Lab Sample ID:	MC26304-5	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61514.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.95 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.5	2.9	ug/kg	
71-43-2	Benzene	8.8	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.22	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.73	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	0.59	3.7	0.12	ug/kg	J
98-06-6	tert-Butylbenzene	ND	3.7	0.27	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.87	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.45	ug/kg	
67-66-3	Chloroform	0.74	1.5	0.22	ug/kg	J
74-87-3	Chloromethane	ND	3.7	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	5.1	1.5	0.13	ug/kg	
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	0.98	3.7	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-WEST WALL 4		
Lab Sample ID:	MC26304-5	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	84.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	2.5	3.7	0.59	ug/kg	J
103-65-1	n-Propylbenzene	3.5	3.7	0.18	ug/kg	J
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.33	ug/kg	
108-88-3	Toluene	20.7	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	12.4	3.7	0.15	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	4.2	3.7	0.096	ug/kg	
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	24.9	1.5	0.21	ug/kg	
95-47-6	o-Xylene	9.7	1.5	0.15	ug/kg	
1330-20-7	Xylene (total)	34.6	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-WEST WALL 5		
Lab Sample ID:	MC26304-6	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61515.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.27 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.0	3.1	ug/kg	
71-43-2	Benzene	6.8	0.40	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.23	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.78	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.0	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.0	0.14	ug/kg	
135-98-8	sec-Butylbenzene	1.4	4.0	0.13	ug/kg	J
98-06-6	tert-Butylbenzene	0.37	4.0	0.28	ug/kg	J
75-15-0	Carbon disulfide	ND	4.0	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.92	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.21	ug/kg	
75-00-3	Chloroethane	ND	4.0	0.48	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.0	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.26	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.35	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
100-41-4	Ethylbenzene	1.8	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.0	1.9	ug/kg	
98-82-8	Isopropylbenzene	0.41	4.0	0.22	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.0	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-WEST WALL 5		
Lab Sample ID:	MC26304-6	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.0	0.63	ug/kg	
103-65-1	n-Propylbenzene	0.35	4.0	0.19	ug/kg	J
100-42-5	Styrene	ND	4.0	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.23	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.35	ug/kg	
108-88-3	Toluene	13.7	4.0	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.7	4.0	0.16	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.5	4.0	0.10	ug/kg	J
75-01-4	Vinyl chloride	ND	1.6	0.45	ug/kg	
	m,p-Xylene	9.4	1.6	0.23	ug/kg	
95-47-6	o-Xylene	2.9	1.6	0.16	ug/kg	
1330-20-7	Xylene (total)	12.3	1.6	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Raw Data: M61516.D

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Report of Analysis

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Client Sample ID:	BCP-NORTH WALL 7		
Lab Sample ID:	MC26304-7	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61516.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.02 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.3	3.2	ug/kg	
71-43-2	Benzene	10.9	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.81	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	0.27	4.2	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.35	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.43	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.42	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	1.4	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.28	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-NORTH WALL 7		
Lab Sample ID:	MC26304-7	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.65	ug/kg	
103-65-1	n-Propylbenzene	0.31	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	12.5	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.39	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.4	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.4	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.47	ug/kg	
	m,p-Xylene	8.2	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.7	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	10.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-NORTH WALL 6		
Lab Sample ID:	MC26304-8	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	85.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61517.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.73 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.6	3.0	ug/kg	
71-43-2	Benzene	6.2	0.38	0.19	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.28	ug/kg	
75-25-2	Bromoform	ND	1.5	0.22	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.8	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	3.8	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.8	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.8	0.27	ug/kg	
75-15-0	Carbon disulfide	ND	3.8	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.88	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.21	ug/kg	
75-00-3	Chloroethane	ND	3.8	0.46	ug/kg	
67-66-3	Chloroform	ND	1.5	0.22	ug/kg	
74-87-3	Chloromethane	ND	3.8	0.93	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.32	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.41	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.40	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.39	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.34	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.19	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.32	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	2.1	1.5	0.14	ug/kg	
591-78-6	2-Hexanone	ND	3.8	1.9	ug/kg	
98-82-8	Isopropylbenzene	0.78	3.8	0.21	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.8	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.8	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL 6		
Lab Sample ID:	MC26304-8	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	85.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.8	0.60	ug/kg	
103-65-1	n-Propylbenzene	0.31	3.8	0.18	ug/kg	J
100-42-5	Styrene	ND	3.8	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.34	ug/kg	
108-88-3	Toluene	11.5	3.8	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.36	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	3.1	3.8	0.16	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.3	3.8	0.098	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.43	ug/kg	
	m,p-Xylene	8.0	1.5	0.22	ug/kg	
95-47-6	o-Xylene	2.5	1.5	0.16	ug/kg	
1330-20-7	Xylene (total)	10.5	1.5	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	101%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61518.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	6.49 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	8.2	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.31	ug/kg	
75-25-2	Bromoform	ND	1.7	0.25	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.15	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	0.56	4.2	0.13	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.7	0.98	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.51	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.25	ug/kg	
100-41-4	Ethylbenzene	1.3	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.1	ug/kg	
98-82-8	Isopropylbenzene	0.25	4.2	0.24	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.6	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.66	ug/kg	
103-65-1	n-Propylbenzene	0.26	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	11.3	4.2	0.21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.9	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.1	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.48	ug/kg	
	m,p-Xylene	5.8	1.7	0.24	ug/kg	
95-47-6	o-Xylene	2.6	1.7	0.17	ug/kg	
1330-20-7	Xylene (total)	8.4	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	100%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-IRM DUPLICATE 3		
Lab Sample ID:	MC26304-10	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61519.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	6.79 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	9.3	3.6	ug/kg	
71-43-2	Benzene	10.1	0.46	0.23	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.34	ug/kg	
75-25-2	Bromoform	ND	1.9	0.27	ug/kg	
74-83-9	Bromomethane	ND	1.9	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.6	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	0.16	ug/kg	
135-98-8	sec-Butylbenzene	0.67	4.6	0.15	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.6	0.33	ug/kg	
75-15-0	Carbon disulfide	ND	4.6	0.14	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.25	ug/kg	
75-00-3	Chloroethane	ND	4.6	0.56	ug/kg	
67-66-3	Chloroform	1.1	1.9	0.27	ug/kg	J
74-87-3	Chloromethane	ND	4.6	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.39	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.9	0.31	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.9	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.9	0.48	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.9	0.47	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.41	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.9	0.23	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.39	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.27	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.27	ug/kg	
100-41-4	Ethylbenzene	5.9	1.9	0.16	ug/kg	
591-78-6	2-Hexanone	ND	4.6	2.3	ug/kg	
98-82-8	Isopropylbenzene	1.1	4.6	0.26	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.6	0.15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.9	0.37	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.6	1.7	ug/kg	
75-09-2	Methylene chloride	ND	1.9	1.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-IRM DUPLICATE 3		
Lab Sample ID:	MC26304-10	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8260C	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	3.4	4.6	0.73	ug/kg	J
103-65-1	n-Propylbenzene	3.1	4.6	0.22	ug/kg	J
100-42-5	Styrene	ND	4.6	0.19	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.27	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.41	ug/kg	
108-88-3	Toluene	25.1	4.6	0.23	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.17	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.32	ug/kg	
79-01-6	Trichloroethene	ND	1.9	0.44	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	16.0	4.6	0.19	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	6.1	4.6	0.12	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.53	ug/kg	
	m,p-Xylene	32.0	1.9	0.26	ug/kg	
95-47-6	o-Xylene	12.8	1.9	0.19	ug/kg	
1330-20-7	Xylene (total)	44.9	1.9	0.19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	97%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35022.D

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 35		
Lab Sample ID:	MC26304-1	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	79.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35022.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	19	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	15	ug/kg	
206-44-0	Fluoranthene	ND	120	17	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	14	ug/kg	
91-20-3	Naphthalene	ND	120	20	ug/kg	
85-01-8	Phenanthrene	ND	120	17	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		30-130%
321-60-8	2-Fluorobiphenyl	67%		30-130%
1718-51-0	Terphenyl-d14	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35023.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35023.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	320	14	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	640	16	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	640	18	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	640	100	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1300	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	640	79	ug/kg	
95-48-7	2-Methylphenol	ND	640	25	ug/kg	
	3&4-Methylphenol	ND	640	31	ug/kg	
88-75-5	2-Nitrophenol	ND	640	17	ug/kg	
100-02-7	4-Nitrophenol	ND	1300	120	ug/kg	
87-86-5	Pentachlorophenol	ND	640	45	ug/kg	
108-95-2	Phenol	ND	320	18	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	640	16	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	640	16	ug/kg	
83-32-9	Acenaphthene	ND	130	17	ug/kg	
208-96-8	Acenaphthylene	ND	130	13	ug/kg	
120-12-7	Anthracene	ND	130	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	130	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	130	14	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	130	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	130	13	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	130	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	320	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	320	13	ug/kg	
91-58-7	2-Chloronaphthalene	ND	320	17	ug/kg	
106-47-8	4-Chloroaniline	ND	640	16	ug/kg	
86-74-8	Carbazole	ND	130	15	ug/kg	
218-01-9	Chrysene	ND	130	16	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	320	15	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	320	19	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	320	23	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	320	19	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	320	16	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	320	18	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	320	17	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	640	42	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	640	16	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	320	32	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	130	15	ug/kg	
132-64-9	Dibenzofuran	ND	130	18	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	320	34	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	320	9.9	ug/kg	
84-66-2	Diethyl phthalate	ND	320	16	ug/kg	
131-11-3	Dimethyl phthalate	ND	320	18	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	320	12	ug/kg	
206-44-0	Fluoranthene	ND	130	17	ug/kg	
86-73-7	Fluorene	ND	130	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	320	20	ug/kg	
87-68-3	Hexachlorobutadiene	ND	320	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	640	160	ug/kg	
67-72-1	Hexachloroethane	ND	320	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	14	ug/kg	
78-59-1	Isophorone	ND	320	15	ug/kg	
91-57-6	2-Methylnaphthalene	ND	130	16	ug/kg	
88-74-4	2-Nitroaniline	ND	640	16	ug/kg	
99-09-2	3-Nitroaniline	ND	640	35	ug/kg	
100-01-6	4-Nitroaniline	ND	640	16	ug/kg	
91-20-3	Naphthalene	ND	130	20	ug/kg	
98-95-3	Nitrobenzene	ND	320	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	320	18	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	320	19	ug/kg	
85-01-8	Phenanthrene	ND	130	17	ug/kg	
129-00-0	Pyrene	ND	130	15	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	320	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		30-130%
4165-62-2	Phenol-d5	78%		30-130%
118-79-6	2,4,6-Tribromophenol	84%		30-130%
4165-60-0	Nitrobenzene-d5	82%		30-130%
321-60-8	2-Fluorobiphenyl	81%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35024.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 37		
Lab Sample ID:	MC26304-3	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	84.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35024.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		30-130%
321-60-8	2-Fluorobiphenyl	70%		30-130%
1718-51-0	Terphenyl-d14	80%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35025.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 38		
Lab Sample ID:	MC26304-4	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	84.9
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35025.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	15	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	17	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		30-130%
321-60-8	2-Fluorobiphenyl	83%		30-130%
1718-51-0	Terphenyl-d14	96%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35026.D

5

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.5 4

Client Sample ID:	BCP-WEST WALL 4		
Lab Sample ID:	MC26304-5	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	84.3
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35026.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%		30-130%
321-60-8	2-Fluorobiphenyl	57%		30-130%
1718-51-0	Terphenyl-d14	75%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-WEST WALL 5		
Lab Sample ID:	MC26304-6	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35027.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		30-130%
321-60-8	2-Fluorobiphenyl	64%		30-130%
1718-51-0	Terphenyl-d14	73%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35028.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.7 4

Client Sample ID:	BCP-NORTH WALL 7		
Lab Sample ID:	MC26304-7	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35028.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	84%		30-130%
321-60-8	2-Fluorobiphenyl	81%		30-130%
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

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Report of Analysis

Client Sample ID:	BCP-NORTH WALL 6		
Lab Sample ID:	MC26304-8	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35029.D	1	11/19/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		30-130%
321-60-8	2-Fluorobiphenyl	72%		30-130%
1718-51-0	Terphenyl-d14	82%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35030.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.9 4

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35030.D	1	11/20/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	260	12	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	530	13	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	530	15	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	530	86	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	530	66	ug/kg	
95-48-7	2-Methylphenol	ND	530	21	ug/kg	
	3&4-Methylphenol	ND	530	26	ug/kg	
88-75-5	2-Nitrophenol	ND	530	14	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	99	ug/kg	
87-86-5	Pentachlorophenol	ND	530	37	ug/kg	
108-95-2	Phenol	ND	260	15	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	530	13	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	530	13	ug/kg	
83-32-9	Acenaphthene	ND	110	14	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	13	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	14	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	11	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	13	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	38.6	260	13	ug/kg	J
85-68-7	Butyl benzyl phthalate	ND	260	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	260	14	ug/kg	
106-47-8	4-Chloroaniline	ND	530	13	ug/kg	
86-74-8	Carbazole	ND	110	12	ug/kg	
218-01-9	Chrysene	ND	110	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	260	12	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	260	16	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	260	19	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	260	16	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	260	14	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	260	15	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	260	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	530	35	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	530	13	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	260	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
132-64-9	Dibenzofuran	ND	110	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	260	28	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	260	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	260	13	ug/kg	
131-11-3	Dimethyl phthalate	ND	260	15	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	260	9.8	ug/kg	
206-44-0	Fluoranthene	ND	110	14	ug/kg	
86-73-7	Fluorene	ND	110	14	ug/kg	
118-74-1	Hexachlorobenzene	ND	260	17	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	530	130	ug/kg	
67-72-1	Hexachloroethane	ND	260	13	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
78-59-1	Isophorone	ND	260	12	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	13	ug/kg	
88-74-4	2-Nitroaniline	ND	530	13	ug/kg	
99-09-2	3-Nitroaniline	ND	530	29	ug/kg	
100-01-6	4-Nitroaniline	ND	530	13	ug/kg	
91-20-3	Naphthalene	ND	110	17	ug/kg	
98-95-3	Nitrobenzene	ND	260	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	260	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	260	16	ug/kg	
85-01-8	Phenanthrene	ND	110	14	ug/kg	
129-00-0	Pyrene	ND	110	12	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		30-130%
4165-62-2	Phenol-d5	48%		30-130%
118-79-6	2,4,6-Tribromophenol	48%		30-130%
4165-60-0	Nitrobenzene-d5	51%		30-130%
321-60-8	2-Fluorobiphenyl	51%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35031.D

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Report of Analysis

Client Sample ID:	BCP-IRM DUPLICATE 3		
Lab Sample ID:	MC26304-10	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8270D SW846 3546	Percent Solids:	79.5
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35031.D	1	11/20/13	KR	11/16/13	OP35780	MSR1279
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	130	17	ug/kg	
208-96-8	Acenaphthylene	ND	130	13	ug/kg	
120-12-7	Anthracene	ND	130	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	130	16	ug/kg	
50-32-8	Benzo(a)pyrene	ND	130	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	130	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	130	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	130	19	ug/kg	
218-01-9	Chrysene	ND	130	16	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	130	15	ug/kg	
206-44-0	Fluoranthene	ND	130	17	ug/kg	
86-73-7	Fluorene	ND	130	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	14	ug/kg	
91-20-3	Naphthalene	ND	130	20	ug/kg	
85-01-8	Phenanthrene	ND	130	17	ug/kg	
129-00-0	Pyrene	ND	130	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		30-130%
321-60-8	2-Fluorobiphenyl	75%		30-130%
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BE39114.D

2

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.2 4

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8081 SW846 3546	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39114.D	1	11/19/13	NK	11/16/13	OP35785	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	6.3	1.9	ug/kg	
319-84-6	alpha-BHC	ND	6.3	1.5	ug/kg	
319-85-7	beta-BHC	ND	6.3	2.1	ug/kg	
319-86-8	delta-BHC	ND	6.3	1.2	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	6.3	1.9	ug/kg	
5103-71-9	alpha-Chlordane	ND	6.3	2.4	ug/kg	
5103-74-2	gamma-Chlordane	ND	6.3	1.9	ug/kg	
60-57-1	Dieldrin	ND	6.3	2.0	ug/kg	
72-54-8	4,4'-DDD	ND	6.3	2.1	ug/kg	
72-55-9	4,4'-DDE	ND	6.3	2.6	ug/kg	
50-29-3	4,4'-DDT	ND	6.3	2.0	ug/kg	
72-20-8	Endrin	ND	6.3	2.5	ug/kg	
1031-07-8	Endosulfan sulfate	ND	6.3	2.1	ug/kg	
7421-93-4	Endrin aldehyde	ND	6.3	2.0	ug/kg	
959-98-8	Endosulfan-I	ND	6.3	2.5	ug/kg	
33213-65-9	Endosulfan-II	ND	6.3	2.0	ug/kg	
76-44-8	Heptachlor	ND	6.3	1.9	ug/kg	
1024-57-3	Heptachlor epoxide	ND	6.3	2.0	ug/kg	
72-43-5	Methoxychlor	ND	6.3	2.5	ug/kg	
53494-70-5	Endrin ketone	ND	6.3	2.3	ug/kg	
8001-35-2	Toxaphene	ND	63	33	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		30-150%
877-09-8	Tetrachloro-m-xylene	98%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	83%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BE39115.D

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Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.9 4

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8081 SW846 3546	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39115.D	1	11/19/13	NK	11/16/13	OP35785	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.4	1.6	ug/kg	
319-84-6	alpha-BHC	ND	5.4	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.4	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.4	1.0	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.4	1.6	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.4	2.0	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.4	1.6	ug/kg	
60-57-1	Dieldrin	ND	5.4	1.7	ug/kg	
72-54-8	4,4'-DDD	ND	5.4	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.4	2.2	ug/kg	
50-29-3	4,4'-DDT	ND	5.4	1.7	ug/kg	
72-20-8	Endrin	ND	5.4	2.1	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.4	1.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.4	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.4	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	5.4	1.7	ug/kg	
76-44-8	Heptachlor	ND	5.4	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.4	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.4	2.1	ug/kg	
53494-70-5	Endrin ketone	ND	5.4	2.0	ug/kg	
8001-35-2	Toxaphene	ND	54	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	73%		30-150%
2051-24-3	Decachlorobiphenyl	64%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BB52562.D

2

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.2 4

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8082 SW846 3546	Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52562.D	1	11/19/13	CZ	11/16/13	OP35783	GBB3078
Run #2							

	Initial Weight	Final Volume
Run #1	20.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	32	14	ug/kg	
11104-28-2	Aroclor 1221	ND	32	19	ug/kg	
11141-16-5	Aroclor 1232	ND	32	15	ug/kg	
53469-21-9	Aroclor 1242	ND	32	16	ug/kg	
12672-29-6	Aroclor 1248	ND	32	14	ug/kg	
11097-69-1	Aroclor 1254	ND	32	23	ug/kg	
11096-82-5	Aroclor 1260	ND	32	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	104%		30-150%
877-09-8	Tetrachloro-m-xylene	110%		30-150%
2051-24-3	Decachlorobiphenyl	95%		30-150%
2051-24-3	Decachlorobiphenyl	98%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BB52563.D

9

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

4.9 4

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
Method:	SW846 8082 SW846 3546	Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52563.D	1	11/19/13	CZ	11/16/13	OP35783	GBB3078
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	27	12	ug/kg	
11104-28-2	Aroclor 1221	ND	27	16	ug/kg	
11141-16-5	Aroclor 1232	ND	27	13	ug/kg	
53469-21-9	Aroclor 1242	ND	27	13	ug/kg	
12672-29-6	Aroclor 1248	ND	27	12	ug/kg	
11097-69-1	Aroclor 1254	ND	27	20	ug/kg	
11096-82-5	Aroclor 1260	ND	27	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	88%		30-150%
877-09-8	Tetrachloro-m-xylene	91%		30-150%
2051-24-3	Decachlorobiphenyl	85%		30-150%
2051-24-3	Decachlorobiphenyl	87%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
		Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2020	21	3.8	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 BUJ	1.1	0.16	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.3	1.1	0.22	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	32.2	5.3	0.076	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.084 BJ	0.42	0.025	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.22 BJ	0.42	0.044	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47700 J	530	6.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.7 J	1.1	0.10	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 BJ	5.3	0.049	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.8	2.6	0.58	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5400	11	0.91	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	5.2	1.1	0.18	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21100 J	530	5.4	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	181 J	1.6	0.042	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.0098 U	0.034	0.0098	mg/kg	1	11/16/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.7 BJ	4.2	0.046	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	545 J	530	9.0	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.36 U	1.1	0.36	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.13 U	0.53	0.13	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	215 BJ	530	3.5	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.14 U	1.1	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.3 J	1.1	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	85.8 J	2.1	0.17	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16398
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22061
(4) Prep QC Batch: MP22070

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/23/14

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-BOTTOM 36		
Lab Sample ID:	MC26304-2	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
		Percent Solids:	78.0
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	<0.51	0.51	mg/kg	1	11/19/13 13:50	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	3.7	1.6	mg/kg	1	11/19/13 13:50	MC	SW846 6010/7196A M
Cyanide	<0.15	0.15	mg/kg	1	11/19/13 12:34	MA	SW846 9012 M
Redox Potential Vs H2	341		mv	1	11/15/13	CF	ASTM D1498-76M
Solids, Percent	78		%	1	11/15/13	MC	SM21 2540 B MOD.
pH	7.8		su	1	11/15/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

MW 5/23/14

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
		Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2100	18	3.2	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.13 B UJ	0.89	0.13	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.2	0.89	0.19	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	18.4	4.5	0.065	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.089 B J	0.36	0.021	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.15 B J	0.36	0.038	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47400 J	450	5.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.5 J	0.89	0.085	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	1.7 B J	4.5	0.042	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	5.4	2.2	0.49	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	5300	8.9	0.78	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	6.1	0.89	0.15	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21800 J	450	4.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	188 J	1.3	0.036	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.011 B J	0.033	0.0095	mg/kg	1	11/16/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	3.7 J	3.6	0.039	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	529 J	450	7.6	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.31 U	0.89	0.31	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.11 U	0.45	0.11	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	183 B J	450	3.0	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.12 U	0.89	0.12	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	8.3 J	0.89	0.12	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	63.8 J	1.8	0.14	mg/kg	1	11/18/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16398
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22061
(4) Prep QC Batch: MP22070

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

NW 5/23/14

Accutest LabLink@145596 08:54 03-Jan-2014

Report of Analysis

Client Sample ID:	BCP-NORTH WALL COMPOSITE 2		
Lab Sample ID:	MC26304-9	Date Sampled:	11/14/13
Matrix:	SO - Soil	Date Received:	11/15/13
		Percent Solids:	91.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	<0.43	0.43	mg/kg	1	11/19/13 13:50	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	3.5	1.3	mg/kg	1	11/19/13 13:50	MC	SW846 6010/7196A M
Cyanide	<0.13	0.13	mg/kg	1	11/19/13 12:17	MA	SW846 9012 M
Redox Potential Vs H2	346		mv	1	11/15/13	CF	ASTM D1498-76M
Solids, Percent	91.2		%	1	11/15/13	MC	SM21 2540 B MOD.
pH	7.9		su	1	11/15/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

MW 5/23/14

ENVIRONMENTAL
Data Services, Inc.

DATA USABILITY SUMMARY REPORT
BCP SITE, BUFFALO, NEW YORK

Client: Lender Consulting Services, Inc., Syracuse, New York
SDG: MC26354
Laboratory: Accutest Laboratories, Marlborough, Massachusetts
Site: BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY
Date: May 23, 2014

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	BCP WEST WALL 6	MC26354-1	Soil
1MS*	BCP WEST WALL 6MS	MC26354-1MS	Soil
1MSD*	BCP WEST WALL 6MSD	MC26354-1MSD	Soil
2	BCP WEST WALL COMPOSITE 1	MC26354-2	Soil
3	BCP BOTTOM 39	MC26354-3	Soil
4	BCP BOTTOM 40	MC26354-4	Soil
5	BCP BOTTOM 41	MC26354-5	Soil

* - Analyzed for Pesticides only

A Data Usability Summary Review was performed on the analytical data for five soil samples collected on November 15, 2013 by LCS, Inc. at the BCP Site in Buffalo, New York. The samples were analyzed under Environmental Protection Agency (USEPA) *"Test Methods for the Evaluation of Solid Waste, USEPA SW-846, Third Edition, September 1986, with revisions".*

Specific method references are as follows:

Analysis	*Method References*
VOC	USEPA SW-846 Method 8260C
SVOCs	USEPA SW-846 Method 8270D
Pesticides/PCB	USEPA SW-846 Method 8081B/8082A
Metals	USEPA SW-846 Method 6010C
Mercury	USEPA SW-846 Method 7471B
Cyanide	USEPA SW-846 Method 9012M

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-24, Revision 2, August 2008: Validating Volatile Organic Compounds by SW-846 Method 8260B;
- SOP Number HW-22, Revision 4, August 2008: Validating Semivolatile Organic Compounds by SW-846 Method 8270D;
- SOP Number HW-44, Revision 1, October 2006: Validating Pesticide Compounds by SW-846 Method 8081B;

- SOP Number HW-45, , Revision 1, October 2006, Validating PCB Compounds by SW-846 Method 8082A;
- SOP Number HW-2, Revision 13, September 2006: Evaluation of Metals Data for the CLP Program based on ILMO5.3;
- and the reviewer's professional judgment.

The following items/criteria were reviewed:

Organics

- Data Completeness
- Holding times and sample preservation
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Gas Chromatography (GC)/Mass Spectroscopy (MS) tuning
- Initial and continuing calibration summaries
- Compound Quantitation
- Internal standard area and retention time summary forms
- Field Duplicate sample precision

Inorganics

- Data Completeness
- Holding times and sample preservation
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample (LCS) recoveries
- Method blank and field blank contamination
- Initial and continuing calibration verifications
- Compound Quantitation
- ICP Serial Dilution
- Field Duplicate sample precision

Overall Usability Issues:

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the following deficiencies.

- Naphthalene was qualified as estimated in two samples due to a high LCS recovery.
- Two metals compounds were qualified as estimated in all samples due to low matrix spike recoveries.
- Twelve metals compounds were qualified as estimated in one sample due to high ICP serial dilution recoveries.
- Several metals results were qualified as estimated in several samples due to reporting between the IDL and RL.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedences of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOCs)

Holding Times

- All samples were analyzed within 14 days for soil samples.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
MSK2447-BS1	Naphthalene	138%	J	4, 5

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The following table presents compounds that exceeded 20 percent deviation (%D) and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D/RRF	Qualifier	Affected Samples
11/18/13 (0920)	Naphthalene	37.4%	None	See LCS

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Semivolatile Organics Compounds (SVOCs)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- A MS/MSD sample was not collected.

Laboratory Control Samples

- The LCS samples exhibited acceptable %R values.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

GC/MS Tuning

- All criteria were met.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD and mean RRF values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D and RRF values.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Pesticides/Polychlorinated Biphenyls (Pest/PCB)

Holding Times

- All samples were extracted within 14 days for soil samples and analyzed within 40 days.

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD sample exhibited acceptable %R and RPD values.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
OP35808-BS1	Endrin	149%	None	All ND
	Endrin aldehyde	156%	None	

Method Blank

- The method blanks were free of contamination.

Initial Calibration

- The initial calibrations exhibited acceptable %RSD values.

Continuing Calibration

- The continuing calibrations exhibited acceptable %D values.

Compound Quantitation

- All criteria were met.

Field Blank

- Field QC samples were not collected.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

GC Column Difference Results

- All criteria were met.

Metals (Mercury & Cyanide)

Holding Times

- All samples were prepared and analyzed within 14 days for cyanide, 28 days for mercury, and 180 days for all other metals.

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The following table presents MS/MSD samples that exhibited percent recoveries (%R) outside the QC limits and/or relative percent differences (RPD) above QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R or RPD, positive results are considered estimated and qualified (J).

MS/MSD Sample ID	Compound	MS %R/MSD %R/ RPD	Qualifier	Affected Samples
REFERENCE	Antimony	43.5%/44.6%/OK	J/UJ	All Samples
	Manganese	35.5%/167.9%/130	J/UJ	

Laboratory Control Samples

- The LCS sample exhibited acceptable recoveries.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration Verification

- All initial calibration criteria were met.

Continuing Calibration Verification

- All continuing calibration criteria were met.

Compound Quantitation

- All results reported between the IDL and RL with a (B) qualifier by the laboratory were further qualified as estimated (J) except those results already qualified.

ICP Serial Dilution

- ICP serial dilution percent differences (%D) were within acceptance limits except the following. For a high %D, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

ICP Sample ID	Compound	%D	Qualifier	Affected Samples
REFERENCE	Aluminum	12.9%	J	
	Barium	13.2%	J	
	Beryllium	20.0%	J	
	Calcium	17.6%	J	
	Chromium	15.3%	J	
	Iron	20.2%	J	
	Lead	16.3%	J	
	Magnesium	11.4%	J	
	Manganese	15.7%	None	See MS/MSD
	Nickel	13.7%	J	
	Potassium	21.1%	J	
	Vanadium	15.5%	J	
	Zinc	16.7%	J	

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed: Nancy Weaver Dated: 5/28/14

Nancy Weaver
Senior Chemist

Data Qualifiers

J	=	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	=	The analyte was not detected above the sample reporting limit; and the reporting limit is approximate.
U	=	The analyte was analyzed for, but was not detected above the sample reporting limit.
R	=	The sample results is rejected due to serious deficiencies. The presence or absence of the analyte cannot be verified.

Raw Data: M61521.D

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61521.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	8.34 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.0	2.7	ug/kg	
71-43-2	Benzene	5.0	0.35	0.17	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	0.26	ug/kg	
75-25-2	Bromoform	ND	1.4	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.4	0.69	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.5	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	3.5	0.12	ug/kg	
135-98-8	sec-Butylbenzene	0.44	3.5	0.11	ug/kg	J
98-06-6	tert-Butylbenzene	ND	3.5	0.25	ug/kg	
75-15-0	Carbon disulfide	ND	3.5	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.4	0.82	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	0.19	ug/kg	
75-00-3	Chloroethane	ND	3.5	0.42	ug/kg	
67-66-3	Chloroform	ND	1.4	0.20	ug/kg	
74-87-3	Chloromethane	ND	3.5	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	0.30	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.23	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.38	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.37	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.36	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.31	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.4	0.17	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.20	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.21	ug/kg	
100-41-4	Ethylbenzene	1.2	1.4	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.5	1.7	ug/kg	
98-82-8	Isopropylbenzene	2.4	3.5	0.20	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	3.5	0.11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.28	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.5	1.3	ug/kg	
75-09-2	Methylene chloride	ND	1.4	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

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VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.5	0.55	ug/kg	
103-65-1	n-Propylbenzene	2.8	3.5	0.17	ug/kg	J
100-42-5	Styrene	ND	3.5	0.14	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.21	ug/kg	
127-18-4	Tetrachloroethene	ND	1.4	0.31	ug/kg	
108-88-3	Toluene	9.1	3.5	0.17	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.24	ug/kg	
79-01-6	Trichloroethene	ND	1.4	0.33	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	2.8	3.5	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	1.2	3.5	0.091	ug/kg	J
75-01-4	Vinyl chloride	ND	1.4	0.40	ug/kg	
	m,p-Xylene	6.6	1.4	0.20	ug/kg	
95-47-6	o-Xylene	2.3	1.4	0.14	ug/kg	
1330-20-7	Xylene (total)	8.9	1.4	0.14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: M61522.D

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Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61522.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.84 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	7.4	2.9	ug/kg	
71-43-2	Benzene	3.0	0.37	0.18	ug/kg	
75-27-4	Bromodichloromethane	ND	1.5	0.27	ug/kg	
75-25-2	Bromoform	ND	1.5	0.21	ug/kg	
74-83-9	Bromomethane	ND	1.5	0.72	ug/kg	
78-93-3	2-Butanone (MEK)	ND	3.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	3.7	0.13	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.7	0.12	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.7	0.26	ug/kg	
75-15-0	Carbon disulfide	ND	3.7	0.11	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.5	0.86	ug/kg	
108-90-7	Chlorobenzene	ND	1.5	0.20	ug/kg	
75-00-3	Chloroethane	ND	3.7	0.44	ug/kg	
67-66-3	Chloroform	ND	1.5	0.21	ug/kg	
74-87-3	Chloromethane	ND	3.7	0.90	ug/kg	
124-48-1	Dibromochloromethane	ND	1.5	0.31	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.25	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.40	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.39	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	0.38	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.33	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.5	0.18	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.5	0.31	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	0.21	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	0.22	ug/kg	
100-41-4	Ethylbenzene	0.58	1.5	0.13	ug/kg	J
591-78-6	2-Hexanone	ND	3.7	1.8	ug/kg	
98-82-8	Isopropylbenzene	ND	3.7	0.21	ug/kg	
99-87-6	p-Isopropyltoluene	ND	3.7	0.12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.29	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	3.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	1.5	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	3.7	0.58	ug/kg	
103-65-1	n-Propylbenzene	ND	3.7	0.18	ug/kg	
100-42-5	Styrene	ND	3.7	0.15	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	0.22	ug/kg	
127-18-4	Tetrachloroethene	ND	1.5	0.33	ug/kg	
108-88-3	Toluene	5.3	3.7	0.18	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.5	0.13	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.26	ug/kg	
79-01-6	Trichloroethene	ND	1.5	0.35	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5	3.7	0.15	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.73	3.7	0.095	ug/kg	J
75-01-4	Vinyl chloride	ND	1.5	0.42	ug/kg	
	m,p-Xylene	3.7	1.5	0.21	ug/kg	
95-47-6	o-Xylene	1.1	1.5	0.15	ug/kg	J
1330-20-7	Xylene (total)	4.8	1.5	0.15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	97%		70-130%
460-00-4	4-Bromofluorobenzene	96%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: M61523.D

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Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 39		
Lab Sample ID:	MC26354-3	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61523.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.02 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.4	3.3	ug/kg	
71-43-2	Benzene	4.0	0.42	0.21	ug/kg	
75-27-4	Bromodichloromethane	ND	1.7	0.30	ug/kg	
75-25-2	Bromoform	ND	1.7	0.24	ug/kg	
74-83-9	Bromomethane	ND	1.7	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.2	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	4.2	0.14	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.13	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	0.30	ug/kg	
75-15-0	Carbon disulfide	ND	4.2	0.13	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.7	0.97	ug/kg	
108-90-7	Chlorobenzene	ND	1.7	0.23	ug/kg	
75-00-3	Chloroethane	ND	4.2	0.50	ug/kg	
67-66-3	Chloroform	ND	1.7	0.24	ug/kg	
74-87-3	Chloromethane	ND	4.2	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	1.7	0.36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	0.44	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.43	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.37	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.7	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.7	0.35	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.24	ug/kg	
100-41-4	Ethylbenzene	0.64	1.7	0.15	ug/kg	J
591-78-6	2-Hexanone	ND	4.2	2.0	ug/kg	
98-82-8	Isopropylbenzene	0.79	4.2	0.23	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	4.2	0.13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.2	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP BOTTOM 39		
Lab Sample ID:	MC26354-3	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	ND	4.2	0.66	ug/kg	
103-65-1	n-Propylbenzene	0.56	4.2	0.20	ug/kg	J
100-42-5	Styrene	ND	4.2	0.17	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.7	0.25	ug/kg	
127-18-4	Tetrachloroethene	ND	1.7	0.37	ug/kg	
108-88-3	Toluene	6.1	4.2	0.20	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.7	0.15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.29	ug/kg	
79-01-6	Trichloroethene	ND	1.7	0.40	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.5	4.2	0.17	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.79	4.2	0.11	ug/kg	J
75-01-4	Vinyl chloride	ND	1.7	0.48	ug/kg	
	m,p-Xylene	3.7	1.7	0.24	ug/kg	
95-47-6	o-Xylene	1.3	1.7	0.17	ug/kg	J
1330-20-7	Xylene (total)	4.9	1.7	0.17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

Raw Data: M61524.D

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Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 40		
Lab Sample ID:	MC26354-4	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	84.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M61524.D	1	11/18/13	KD	n/a	n/a	MSM2147
Run #2							

	Initial Weight	Final Volume
Run #1	7.43 g	5.0 ml
Run #2		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	8.0	3.1	ug/kg	
71-43-2	Benzene	6.9	0.40	0.20	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.29	ug/kg	
75-25-2	Bromoform	ND	1.6	0.23	ug/kg	
74-83-9	Bromomethane	ND	1.6	0.78	ug/kg	
78-93-3	2-Butanone (MEK)	ND	4.0	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	4.0	0.14	ug/kg	
135-98-8	sec-Butylbenzene	0.45	4.0	0.13	ug/kg	J
98-06-6	tert-Butylbenzene	ND	4.0	0.28	ug/kg	
75-15-0	Carbon disulfide	ND	4.0	0.12	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.6	0.93	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.22	ug/kg	
75-00-3	Chloroethane	ND	4.0	0.48	ug/kg	
67-66-3	Chloroform	ND	1.6	0.23	ug/kg	
74-87-3	Chloromethane	ND	4.0	0.97	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.34	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.27	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	0.42	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	0.41	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.36	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	1.6	0.20	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.34	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.23	ug/kg	
100-41-4	Ethylbenzene	21.8	1.6	0.14	ug/kg	
591-78-6	2-Hexanone	ND	4.0	1.9	ug/kg	
98-82-8	Isopropylbenzene	7.7	4.0	0.22	ug/kg	
99-87-6	p-Isopropyltoluene	0.79	4.0	0.13	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.32	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	4.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	1.6	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 40		
Lab Sample ID:	MC26354-4	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	84.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	7.2 J	4.0	0.63	ug/kg	
103-65-1	n-Propylbenzene	7.2	4.0	0.19	ug/kg	
100-42-5	Styrene	ND	4.0	0.16	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.24	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.35	ug/kg	
108-88-3	Toluene	12.4	4.0	0.19	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.14	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.28	ug/kg	
79-01-6	Trichloroethene	ND	1.6	0.38	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	38.5	4.0	0.16	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	12.2	4.0	0.10	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	0.45	ug/kg	
	m,p-Xylene	51.5	1.6	0.23	ug/kg	
95-47-6	o-Xylene	3.2	1.6	0.16	ug/kg	
1330-20-7	Xylene (total)	54.7	1.6	0.16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		70-130%
2037-26-5	Toluene-D8	98%		70-130%
460-00-4	4-Bromofluorobenzene	103%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K76127.D	1	11/18/13	GK	n/a	n/a	MSK2447
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.54 g	10.0 ml	100 ul
Run #2			

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	860	330	ug/kg	
71-43-2	Benzene	ND	43	21	ug/kg	
75-27-4	Bromodichloromethane	ND	170	31	ug/kg	
75-25-2	Bromoform	ND	170	25	ug/kg	
74-83-9	Bromomethane	ND	170	83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	430	260	ug/kg	
104-51-8	n-Butylbenzene	ND	430	15	ug/kg	
135-98-8	sec-Butylbenzene	ND	430	14	ug/kg	
98-06-6	tert-Butylbenzene	ND	430	30	ug/kg	
75-15-0	Carbon disulfide	ND	430	13	ug/kg	
56-23-5	Carbon tetrachloride	ND	170	100	ug/kg	
108-90-7	Chlorobenzene	ND	170	23	ug/kg	
75-00-3	Chloroethane	ND	430	51	ug/kg	
67-66-3	Chloroform	ND	170	25	ug/kg	
74-87-3	Chloromethane	ND	430	100	ug/kg	
124-48-1	Dibromochloromethane	ND	170	36	ug/kg	
75-34-3	1,1-Dichloroethane	ND	170	28	ug/kg	
107-06-2	1,2-Dichloroethane	ND	170	47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	170	45	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	170	44	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	170	38	ug/kg	
540-59-0	1,2-Dichloroethene (total)	ND	170	21	ug/kg	
78-87-5	1,2-Dichloropropane	ND	170	36	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	170	25	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	170	25	ug/kg	
100-41-4	Ethylbenzene	115	170	15	ug/kg	J
591-78-6	2-Hexanone	ND	430	210	ug/kg	
98-82-8	Isopropylbenzene	60.3	430	24	ug/kg	J
99-87-6	p-Isopropyltoluene	18.3	430	14	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	170	34	ug/kg	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	430	160	ug/kg	
75-09-2	Methylene chloride	ND	170	130	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8260C	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

VOA TCL + STAR List

CAS No.	Compound	Result	RL	MDL	Units	Q
91-20-3	Naphthalene	190 J	430	67	ug/kg	J
103-65-1	n-Propylbenzene	74.9	430	21	ug/kg	J
100-42-5	Styrene	ND	430	18	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	25	ug/kg	
127-18-4	Tetrachloroethene	ND	170	38	ug/kg	
108-88-3	Toluene	ND	430	21	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	170	15	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	170	30	ug/kg	
79-01-6	Trichloroethene	ND	170	41	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	433	430	18	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	113	430	11	ug/kg	J
75-01-4	Vinyl chloride	ND	170	49	ug/kg	
	m,p-Xylene	170	170	24	ug/kg	
95-47-6	o-Xylene	ND	170	18	ug/kg	
1330-20-7	Xylene (total)	170	170	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	130%		70-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	98%		70-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35103.D

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35103.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.6 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	14	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	17	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	14	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	89%		30-130%
4165-62-2	Phenol-d5	87%		30-130%
118-79-6	2,4,6-Tribromophenol	86%		30-130%
4165-60-0	Nitrobenzene-d5	93%		30-130%
321-60-8	2-Fluorobiphenyl	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35104.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.2 g	1.0 ml
Run #2		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	290	13	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	570	15	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	570	16	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	570	93	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	570	71	ug/kg	
95-48-7	2-Methylphenol	ND	570	23	ug/kg	
	3&4-Methylphenol	ND	570	28	ug/kg	
88-75-5	2-Nitrophenol	ND	570	15	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	110	ug/kg	
87-86-5	Pentachlorophenol	ND	570	40	ug/kg	
108-95-2	Phenol	ND	290	16	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	570	14	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	570	14	ug/kg	
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	290	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	290	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	290	15	ug/kg	
106-47-8	4-Chloroaniline	ND	570	14	ug/kg	
86-74-8	Carbazole	ND	110	13	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	290	13	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	290	17	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	290	21	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	290	18	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

ABN TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	290	15	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	290	16	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	290	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	570	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	570	14	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	290	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	14	ug/kg	
132-64-9	Dibenzofuran	ND	110	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	290	30	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	290	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	290	14	ug/kg	
131-11-3	Dimethyl phthalate	ND	290	17	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	290	11	ug/kg	
206-44-0	Fluoranthene	ND	110	16	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	290	18	ug/kg	
87-68-3	Hexachlorobutadiene	ND	290	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	570	140	ug/kg	
67-72-1	Hexachloroethane	ND	290	14	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	13	ug/kg	
78-59-1	Isophorone	ND	290	13	ug/kg	
91-57-6	2-Methylnaphthalene	ND	110	15	ug/kg	
88-74-4	2-Nitroaniline	ND	570	14	ug/kg	
99-09-2	3-Nitroaniline	ND	570	31	ug/kg	
100-01-6	4-Nitroaniline	ND	570	14	ug/kg	
91-20-3	Naphthalene	ND	110	18	ug/kg	
98-95-3	Nitrobenzene	ND	290	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	290	16	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	290	17	ug/kg	
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	290	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		30-130%
4165-62-2	Phenol-d5	76%		30-130%
118-79-6	2,4,6-Tribromophenol	81%		30-130%
4165-60-0	Nitrobenzene-d5	80%		30-130%
321-60-8	2-Fluorobiphenyl	77%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35105.D

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Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 39		
Lab Sample ID:	MC26354-3	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35105.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.4 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	15	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	17	ug/kg	
218-01-9	Chrysene	ND	120	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	ND	120	19	ug/kg	
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	78%		30-130%
1718-51-0	Terphenyl-d14	87%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: R35106.D

4

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 40		
Lab Sample ID:	MC26354-4	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	84.2
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35106.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.1 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	120	16	ug/kg	
208-96-8	Acenaphthylene	ND	120	12	ug/kg	
120-12-7	Anthracene	ND	120	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	120	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	120	13	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	120	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	120	12	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	120	18	ug/kg	
218-01-9	Chrysene	ND	120	15	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	120	14	ug/kg	
206-44-0	Fluoranthene	ND	120	16	ug/kg	
86-73-7	Fluorene	ND	120	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	120	13	ug/kg	
91-20-3	Naphthalene	39.2	120	19	ug/kg	J
85-01-8	Phenanthrene	ND	120	16	ug/kg	
129-00-0	Pyrene	ND	120	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	86%		30-130%
321-60-8	2-Fluorobiphenyl	84%		30-130%
1718-51-0	Terphenyl-d14	93%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP BOTTOM 41		
Lab Sample ID:	MC26354-5	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8270D SW846 3546	Percent Solids:	85.7
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	R35107.D	1	11/21/13	KR	11/18/13	OP35803	MSR1282
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	1.0 ml
Run #2		

BN STARS List

CAS No.	Compound	Result	RL	MDL	Units	Q
83-32-9	Acenaphthene	ND	110	15	ug/kg	
208-96-8	Acenaphthylene	ND	110	11	ug/kg	
120-12-7	Anthracene	ND	110	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	110	15	ug/kg	
50-32-8	Benzo(a)pyrene	ND	110	12	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	110	14	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	110	11	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	110	17	ug/kg	
218-01-9	Chrysene	ND	110	14	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	110	13	ug/kg	
206-44-0	Fluoranthene	ND	110	15	ug/kg	
86-73-7	Fluorene	ND	110	15	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	110	12	ug/kg	
91-20-3	Naphthalene	67.0	110	18	ug/kg	J
85-01-8	Phenanthrene	ND	110	15	ug/kg	
129-00-0	Pyrene	ND	110	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		30-130%
321-60-8	2-Fluorobiphenyl	80%		30-130%
1718-51-0	Terphenyl-d14	88%		30-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BE39122.D

1

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8081 SW846 3546	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39122.D	1	11/19/13	NK	11/18/13	OP35808	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.7	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.7	1.4	ug/kg	
319-85-7	beta-BHC	ND	5.7	1.9	ug/kg	
319-86-8	delta-BHC	ND	5.7	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.7	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.7	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.7	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.7	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.7	1.9	ug/kg	
72-55-9	4,4'-DDE	ND	5.7	2.4	ug/kg	
50-29-3	4,4'-DDT	ND	5.7	1.8	ug/kg	
72-20-8	Endrin	ND	5.7	2.3	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.7	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.7	1.8	ug/kg	
959-98-8	Endosulfan-I	ND	5.7	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.7	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.7	1.7	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.7	1.8	ug/kg	
72-43-5	Methoxychlor	ND	5.7	2.3	ug/kg	
53494-70-5	Endrin ketone	ND	5.7	2.1	ug/kg	
8001-35-2	Toxaphene	ND	57	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		30-150%
877-09-8	Tetrachloro-m-xylene	64%		30-150%
2051-24-3	Decachlorobiphenyl	65%		30-150%
2051-24-3	Decachlorobiphenyl	66%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

AW 5/23/14

Raw Data: BE39123.D

2

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8081 SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BE39123.D	1	11/19/13	NK	11/18/13	OP35808	GBE2024
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	5.6	1.7	ug/kg	
319-84-6	alpha-BHC	ND	5.6	1.3	ug/kg	
319-85-7	beta-BHC	ND	5.6	1.8	ug/kg	
319-86-8	delta-BHC	ND	5.6	1.1	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	5.6	1.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	5.6	2.1	ug/kg	
5103-74-2	gamma-Chlordane	ND	5.6	1.7	ug/kg	
60-57-1	Dieldrin	ND	5.6	1.8	ug/kg	
72-54-8	4,4'-DDD	ND	5.6	1.8	ug/kg	
72-55-9	4,4'-DDE	ND	5.6	2.3	ug/kg	
50-29-3	4,4'-DDT	ND	5.6	1.7	ug/kg	
72-20-8	Endrin	ND	5.6	2.2	ug/kg	
1031-07-8	Endosulfan sulfate	ND	5.6	1.9	ug/kg	
7421-93-4	Endrin aldehyde	ND	5.6	1.7	ug/kg	
959-98-8	Endosulfan-I	ND	5.6	2.2	ug/kg	
33213-65-9	Endosulfan-II	ND	5.6	1.8	ug/kg	
76-44-8	Heptachlor	ND	5.6	1.6	ug/kg	
1024-57-3	Heptachlor epoxide	ND	5.6	1.7	ug/kg	
72-43-5	Methoxychlor	ND	5.6	2.2	ug/kg	
53494-70-5	Endrin ketone	ND	5.6	2.0	ug/kg	
8001-35-2	Toxaphene	ND	56	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		30-150%
877-09-8	Tetrachloro-m-xylene	75%		30-150%
2051-24-3	Decachlorobiphenyl	75%		30-150%
2051-24-3	Decachlorobiphenyl	76%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

NW 5/23/14

Raw Data: BB52569.D

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8082 SW846 3546	Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52569.D	1	11/19/13	CZ	11/18/13	OP35804	GBB3079
Run #2							

	Initial Weight	Final Volume
Run #1	20.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	29	13	ug/kg	
11104-28-2	Aroclor 1221	ND	29	17	ug/kg	
11141-16-5	Aroclor 1232	ND	29	14	ug/kg	
53469-21-9	Aroclor 1242	ND	29	14	ug/kg	
12672-29-6	Aroclor 1248	ND	29	13	ug/kg	
11097-69-1	Aroclor 1254	ND	29	21	ug/kg	
11096-82-5	Aroclor 1260	ND	29	15	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		30-150%
877-09-8	Tetrachloro-m-xylene	104%		30-150%
2051-24-3	Decachlorobiphenyl	99%		30-150%
2051-24-3	Decachlorobiphenyl	103%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Raw Data: BB52570.D

2

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
Method:	SW846 8082 SW846 3546	Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB52570.D	1	11/19/13	CZ	11/18/13	OP35804	GBB3079
Run #2							

	Initial Weight	Final Volume
Run #1	20.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	28	13	ug/kg	
11104-28-2	Aroclor 1221	ND	28	17	ug/kg	
11141-16-5	Aroclor 1232	ND	28	13	ug/kg	
53469-21-9	Aroclor 1242	ND	28	14	ug/kg	
12672-29-6	Aroclor 1248	ND	28	12	ug/kg	
11097-69-1	Aroclor 1254	ND	28	20	ug/kg	
11096-82-5	Aroclor 1260	ND	28	14	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	107%		30-150%
877-09-8	Tetrachloro-m-xylene	113%		30-150%
2051-24-3	Decachlorobiphenyl	108%		30-150%
2051-24-3	Decachlorobiphenyl	110%		30-150%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

MW 5/23/14

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
		Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2880 J	19	3.4	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.71 B J	0.96	0.14	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	1.2	0.96	0.20	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	34.7 J	4.8	0.069	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.11 B J	0.38	0.023	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.12 B J	0.38	0.040	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	47900 J	480	6.0	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	4.8 J	0.96	0.091	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	2.1 B J	4.8	0.045	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	7.1	2.4	0.53	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	6630 J	9.6	0.83	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	6.2 J	0.96	0.16	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	21600 J	480	4.9	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	242 J	1.4	0.038	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.011 U	0.037	0.011	mg/kg	1	11/18/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	4.8 J	3.8	0.042	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	793 J	480	8.2	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.33 U	0.96	0.33	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.12 U	0.48	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	244 B J	480	3.2	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.13 U	0.96	0.13	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	9.9 J	0.96	0.13	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	55.1 J	1.9	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16402
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22069
(4) Prep QC Batch: MP22076

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL 6		
Lab Sample ID:	MC26354-1	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
		Percent Solids:	85.1
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.47	0.47	mg/kg	1	11/19/13 13:55	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	4.7	1.4	mg/kg	1	11/19/13 15:09	EAL	SW846 6010/7196A M
Cyanide	< 0.14	0.14	mg/kg	1	11/19/13 12:39	MA	SW846 9012 M
Redox Potential Vs H2	485		mv	1	11/16/13	CF	ASTM D1498-76M
Solids, Percent	85.1		%	1	11/18/13	HS	SM21 2540 B MOD.
pH	7.9		su	1	11/16/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7480 J	18	3.3	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Antimony	0.16 B J	0.92	0.14	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Arsenic	2.3	0.92	0.19	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Barium	50.0 J	4.6	0.067	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Beryllium	0.28 B J	0.37	0.022	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cadmium	0.064 B J	0.37	0.039	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Calcium	72500 J	4600	58	mg/kg	10	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Chromium	10.2 J	0.92	0.087	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Cobalt	4.8	4.6	0.043	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Copper	11.7	2.3	0.51	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Iron	12200 J	9.2	0.80	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Lead	11.2 J	0.92	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Magnesium	27300 J	460	4.7	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Manganese	375 J	1.4	0.037	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Mercury	0.014 B J	0.036	0.010	mg/kg	1	11/18/13	11/19/13	SA	SW846 7471B [1]	SW846 7471B [3]
Nickel	11.1 J	3.7	0.040	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Potassium	1830 J	460	7.9	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Selenium	0.32 U	0.92	0.32	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Silver	0.11 B J	0.46	0.11	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Sodium	550	460	3.0	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Thallium	0.12 U	0.92	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Vanadium	15.5 J	0.92	0.12	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]
Zinc	50.0 J	1.8	0.15	mg/kg	1	11/19/13	11/19/13	EAL	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA16402
(2) Instrument QC Batch: MA16422
(3) Prep QC Batch: MP22069
(4) Prep QC Batch: MP22076

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
B = Indicates a result > = MDL but < RL

MW 5/23/14

Accutest LabLink@144500 09:41 03-Dec-2013

Report of Analysis

Client Sample ID:	BCP WEST WALL COMPOSITE 1		
Lab Sample ID:	MC26354-2	Date Sampled:	11/15/13
Matrix:	SO - Soil	Date Received:	11/16/13
		Percent Solids:	86.4
Project:	BCP, 233 South Elmwood and 234 Delaware, Buffalo, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	11/19/13 13:55	MC	SW846 3060A/7196A
Chromium, Trivalent [a]	9.9	1.4	mg/kg	1	11/19/13 15:13	EAL	SW846 6010/7196A M
Cyanide	< 0.14	0.14	mg/kg	1	11/19/13 12:40	MA	SW846 9012 M
Redox Potential Vs H2	474		mv	1	11/16/13	CF	ASTM D1498-76M
Solids, Percent	86.4		%	1	11/18/13	HS	SM21 2540 B MOD.
pH	8.2		su	1	11/16/13	CF	SW846 9045D

(a) Calculated as: (Chromium) - (Chromium, Hexavalent)

RL = Reporting Limit

MW 5/23/14