April 30, 2013

Ms. June Feng
New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 2
Hunters Point Plaza
47-40 21st Street
Long Island City, NY 11101-5407

Re: NYSDEC Spill #95-02757
Hess Station #32522
810 Metropolitan Avenue
Brooklyn, NY

Dear Ms. Feng:

Please find enclosed the most recent quarterly update report for the above referenced Hess location.

If you have any questions regarding this report, please do not hesitate to contact Matt Butler (Hess) at (732) 750-6624.

Sincerely,

Joseph Rennie
Project Manager

cc: Matt Butler (Hess) via ENFOS upload

HESS CORPORATION
UPDATE REPORT

Site Address: Hess Station #32522 810 Metropolitan Avenue Brooklyn, NY	**Regulatory Agency:** NYSDEC – Region 2 **Regulatory Contact:** June Feng **Spill #:** 95-02757 **Consultant:** EnviroTrac Ltd.
Hess Contact: Matt Butler	**Project Manager:** Ed Russo

Report Date: April 2013

Spill Incident Cause: Petroleum impacted soils encountered during an underground storage tank (UST) upgrade project in June 1995. During this upgrade the following UST's were removed: three (3) 4,000-gallon single wall (SW) steel gasoline, two (2) 2,000-gallon SW steel gasoline, one (1) 4,000-gallon SW steel diesel and one (1) 550-gallon SW steel waste water. In addition, all associated dispensers, piping and remote fills were removed. During this project a total of 897 tons of petroleum impacted soil were removed off site for disposal.

Current Site Status: Active Hess Station

Monitoring Period: December 2012 – February 2013

Work Performed: February 14, 2013 – Gauged and sampled eight (8) monitoring wells

Groundwater Monitoring:

Wells Gauged:	MW-1 through MW-8
Wells Containing LPH:	None
Groundwater Depth:	8.85 feet – 22.92 feet
Groundwater Flow:	Southwesterly
Wells Sampled:	MW-1 through MW-8
Maximum Benzene Concentration:	2.1 µg/L (MW-8)
Maximum MTBE Concentration:	12.1 µg/L (MW-6)

Current Plans/Proposals: **Hess and EnviroTrac reiterate our request for spill closure for this site. Until closure is granted, Hess will continue a quarterly sampling schedule, with the next sampling event scheduled for May 2013. An update report containing these activities will be submitted to NYSDEC in July 2013.**

List of Attachments:

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Figures:
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Figure 2 – Water-Table Elevation on February 14, 2013 and Total BTEX/MTBE Concentrations Map
Figure 3 – Hydrograph of MW-1
Figure 4 – Hydrograph of MW-2
Figure 5 – Hydrograph of MW-3
Figure 6 – Hydrograph of MW-4

Attachments:
Laboratory Analytical Reports

TABLE 1
Summary of Well Gauging and Groundwater Analytical Data
Hess Station # 32522
810 Metropolitan Avenue
Brooklyn, NY

Well ID (Screen Zone)	Date	Gauge Pt. Elevation (ft.)	Depth to Water (ft.)	Depth to Product (ft.)	Product Thickness (ft.)	Relative Groundwater Elevation (ft.)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	BTEX (ug/L)	MTBE (ug/L)
MW-1	02/29/12	97.63	19.39			78.24	ND	ND	ND	ND	ND	ND
	05/17/12	97.63	20.14			77.49	ND	ND	ND	ND	ND	ND
	11/28/12	97.63	20.81			76.82	ND	ND	ND	ND	ND	ND
	02/14/13	97.63	20.78			76.85	ND	ND	ND	ND	ND	3.2
MW-2	02/29/12	97.13	9.88			87.25	ND	ND	ND	ND	ND	9.9
	05/17/12	97.13	9.66			87.47	ND	ND	ND	ND	ND	10.5
	11/28/12	97.13	10.06			87.07	ND	ND	ND	ND	ND	3.8
	02/14/13	97.13	9.85			87.28	ND	ND	ND	ND	ND	0.53 J
MW-3	02/29/12	99.56	22.24			77.32	ND	ND	ND	ND	ND	0.71 J
	05/17/12	99.56	22.71			76.85	ND	ND	ND	ND	ND	1.1
	11/28/12	99.56	22.95			76.61	ND	ND	ND	ND	ND	0.21 J
	02/14/13	99.56	22.92			76.64	ND	ND	ND	ND	ND	ND
MW-4	02/29/12	99.16	21.86			77.30	ND	0.29 J	0.35 J	3.8	4.44 J	8.3
(15-30')	05/17/12	99.16	22.26			76.90	ND	ND	ND	ND	ND	1.3
	11/28/12	99.16	22.95			76.21	ND	ND	ND	ND	ND	0.22 J
	02/14/13	99.16	22.48			76.68	ND	ND	ND	ND	ND	0.37 J
MW-5	2/29/2012	98.29	19.35			78.94	ND	ND	ND	ND	ND	ND
(12.5 - 27.5')	5/17/2012	98.29	19.72			78.57	ND	ND	ND	ND	ND	ND
	11/28/2012	98.29	19.78			78.51	1.3	ND	ND	ND	1.3	ND
	2/14/2013	98.29	19.98			78.31	ND	ND	ND	ND	ND	ND
MW-6 (15-30')	5/17/12 [ac]	NSD	22.04			NSD	ND	ND	ND	ND	ND	54.6
	11/28/12	NSD	22.31			NSD	ND	ND	ND	ND	ND	53.3
	02/14/13	NSD	22.92			NSD	ND	ND	ND	ND	ND	12.1
MW-7 (15-30')	5/17/12 [a]	NSD	22.09			NSD	ND	ND	ND	ND	ND	ND
	11/28/12	NSD	22.43			NSD	0.34 J	ND	1.4	1.3	3.04 J	1.4
	02/14/13	NSD	22.37			NSD	ND	ND	1.5	0.85 J	2.35 J	0.30 J
MW-8 (10-30')	5/17/12 [abc]	NSD	21.61			NSD	0.41 J	0.40 J	3.4	12.2	16.41 J	1.2
	11/28/12	NSD	22.00			NSD	3.7	ND	ND	ND	3.7	ND
	02/14/13	NSD	21.67			NSD	2.1	ND	ND	ND	2.1	ND

Notes:
a = Initial Gauging/Sampling Event
b = Sampling Event with Highest BTEX Concentration
c = Sampling Event with Highest MTBE Concentration
NM = Not Measured
NS = Not Sampled
NSD = No survey data
ND = Not Detected
J = Estimated Value
<MDL = Less Than Method Detection Limit
ft. = Feet
ug/L = Micrograms per Liter

AERIAL PHOTOGRAPH

Figure 1
Aerial Photograph

Hess Station 32522
Metropolitan Avenue
Brooklyn, NY

Digital Imagery taken in 2010

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001

north

SHELL SERVICE STATION
2 BUSHWICK AVE.
BROOKLYN, NY

MOTORCYCLE SAFETY SCHOOL

RESIDENTIAL

METROPOLITAN AVENUE

BUSHWICK AVENUE

MW-5
78.31
ND/ND
ND/ND
1.3/ND
ND/ND

SB-D

CANOPY

MW-2
88.28
ND/9.9
ND/10.5
ND/3.8
ND/0.53 J

87.00'

84.00'

81.00'

78.00'

MW-8
NSD
NI
16.41 J/1.2
3.7/ND
2.1/ND

GASOLINE DISPENSER (TYP.)

SB-C

AUTO
YARD

RESIDENTIAL

MW-7
NSD
NI
ND/ND
3.04 J/1.4
2.35 J/0.30 J

KIOSK

SB-B

MW-1
76.82
ND/ND
ND/ND
ND/ND
ND/3.2

VACUUMS

MW-4
76.68
4.44 J/8.3
ND/1.3
ND/0.22 J
ND/0.37 J

AS-2

SVE-1

AS-1

MW-6
NSD
NI
ND/54.6
ND/53.3
ND/12.1

FORMER USTs

SB-A

UST
VENTS

SB-E
(REFUSAL)

GASOLINE
GASOLINE
GASOLINE
GASOLINE
DIESEL

STORAGE
BUILDING

MW-3
76.64
ND/0.71 J
ND/1.1
ND/0.26 J
ND/ND

GASOLINE
DIESEL

VAPOR
RECOVERY

APPROXIMATE AREA OF
REMOTE FILLS

RESIDENTIAL

LEGEND:

- MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- AIR SPARGE WELL
- SOIL BORING LOCATION

NS = NOT SAMPLED
NM = NOT MEASURED
ND = NOT DETECTED
NI = NOT INSTALLED
NSD = NO SURVEY DATA
J = ESTIMATED VALUE
<MDL = LESS THAN METHOD DETECTION LIMIT
CONTOUR INTERVAL = 3.00'

INFERRED GROUND WATER
FLOW DIRECTION

SAMPLE WELL:

MW-2 = MONITORING WELL ID
87.07 = WATER-TABLE ELEVATION
ND/9.9 = FEBRUARY 29, 2012
ND/10.5 = MAY 17, 2012
ND/3.8 = NOVEMBER 28, 2012
ND/0.53 J = FEBRUARY 14, 2013

TOTAL BTEX/MTBE CONCENTRATIONS IN ug/L

Base map taken from DELTA map dated 6/11/07

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 10 FT 20

REVISION DATE:
APRIL 25, 2013

SCALE:
1" = 20 FEET

REVISED BY: TB

HESS

HESS STATION # 32522
810 METROPOLITAN AVENUE
BROOKLYN, NEW YORK

WATER-TABLE ELEVATION ON FEBRUARY 14, 2013 AND TOTAL BTEX/MTBE CONCENTRATIONS MAP

FIGURE #
2

FIGURE 3
Hydrograph of MW-1
Hess Station #32522
810 Metopolitan Avenue
Brooklyn, NY

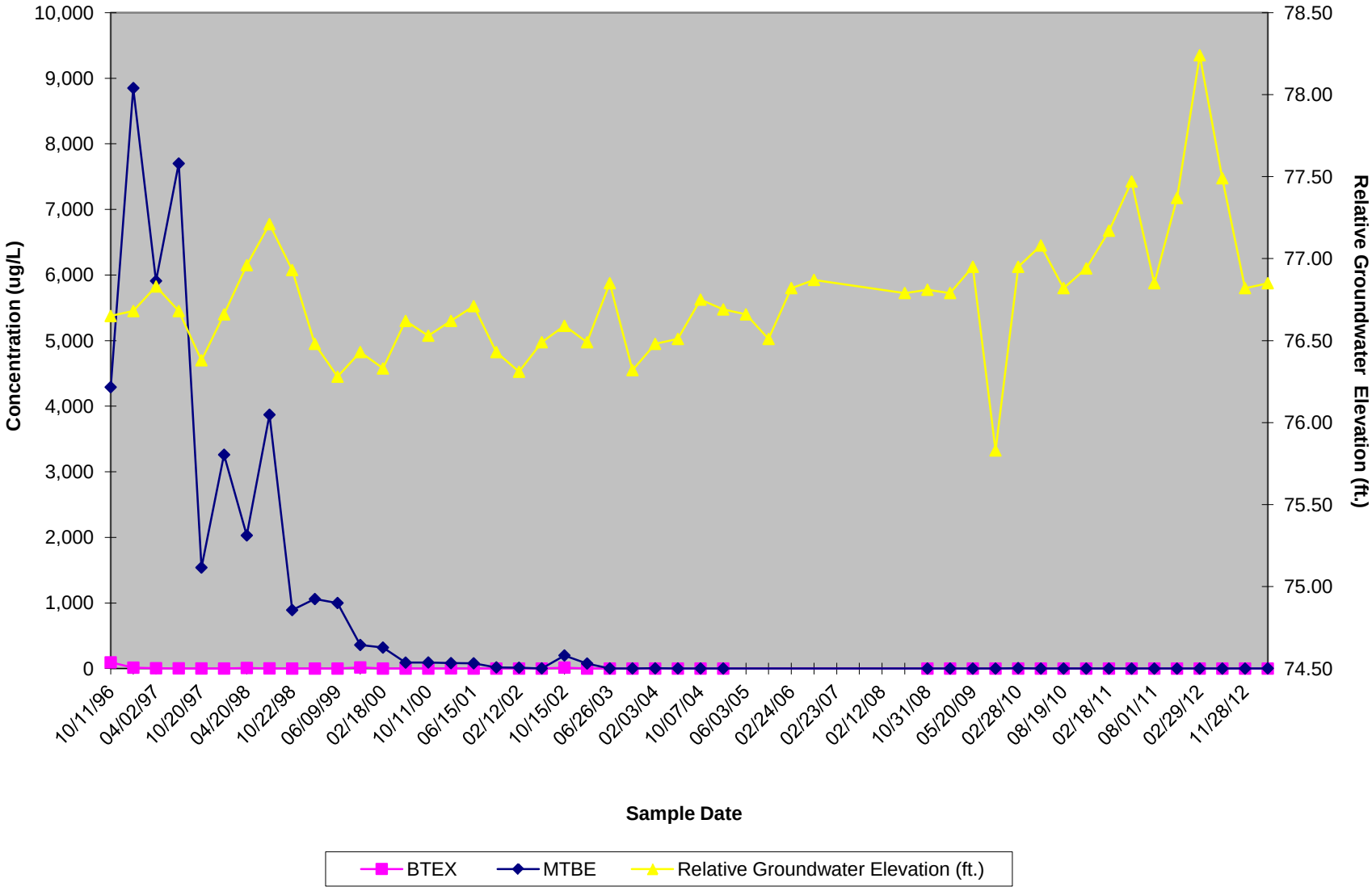


FIGURE 4
Hydrograph of MW-2
Hess Station #32522
810 Metropolitan Avenue
Brooklyn, NY

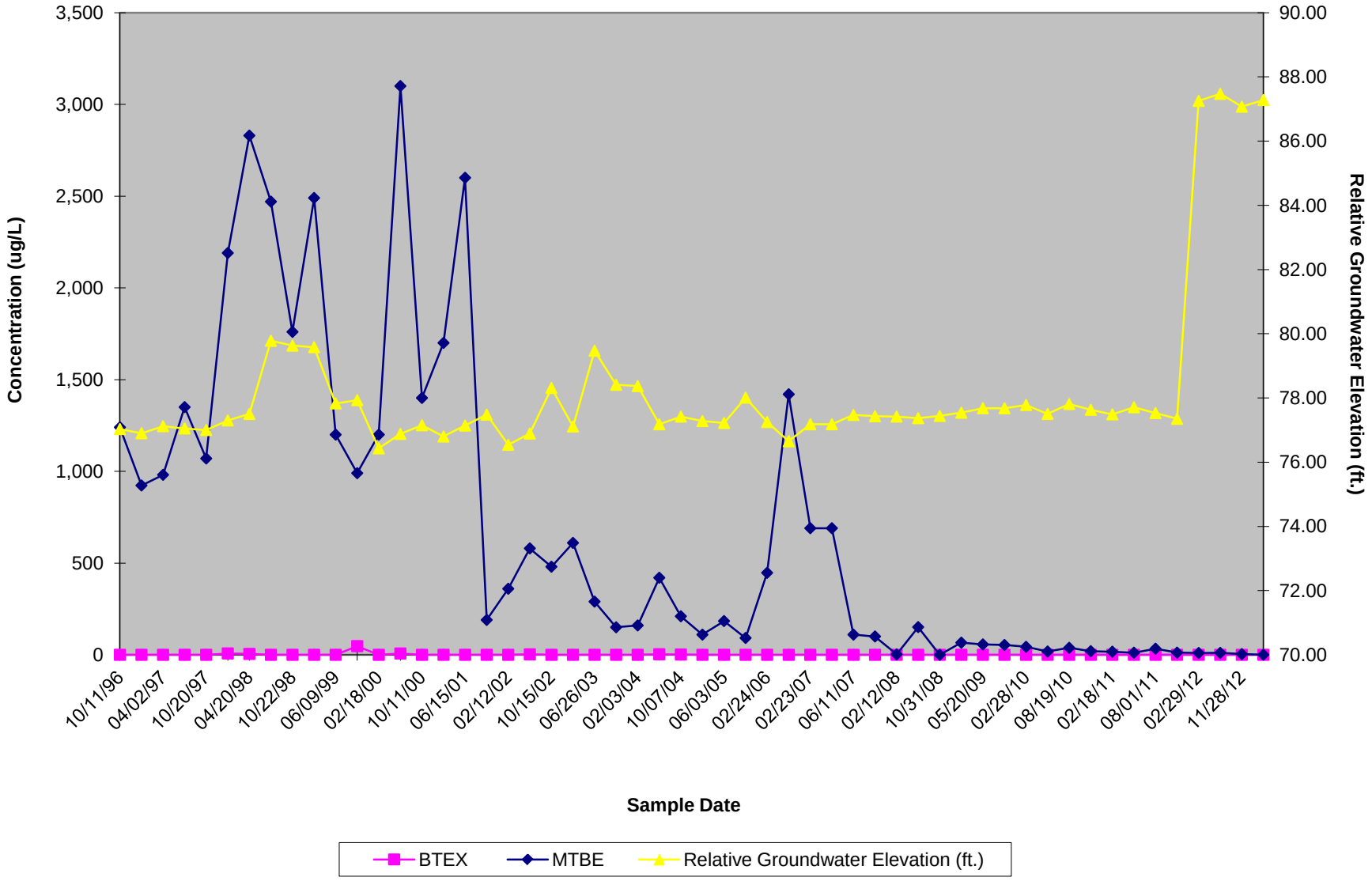


FIGURE 5
Hydrograph of MW-3
Hess Station #32522
810 Metropolitan Avenue
Brooklyn, NY

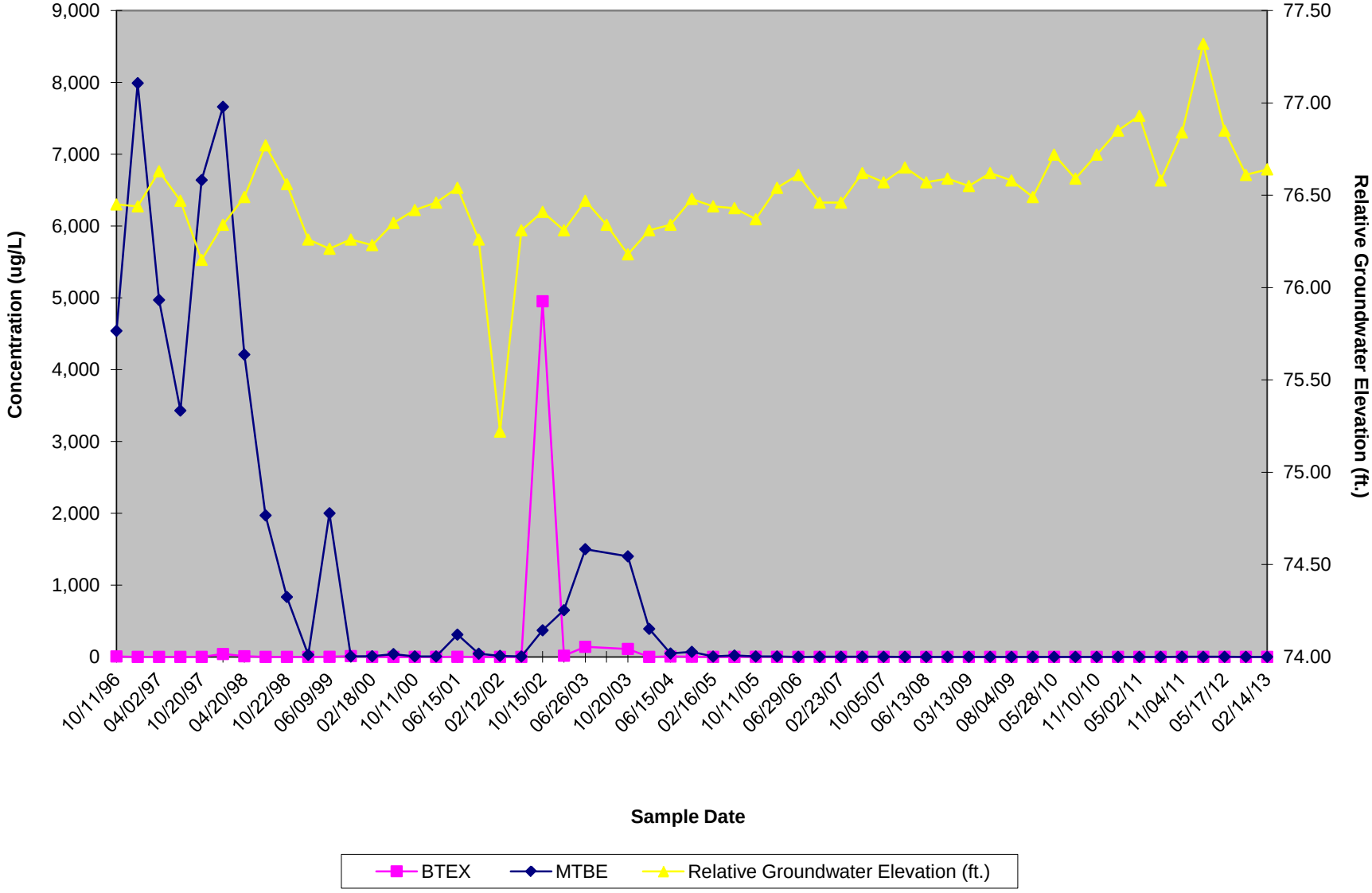
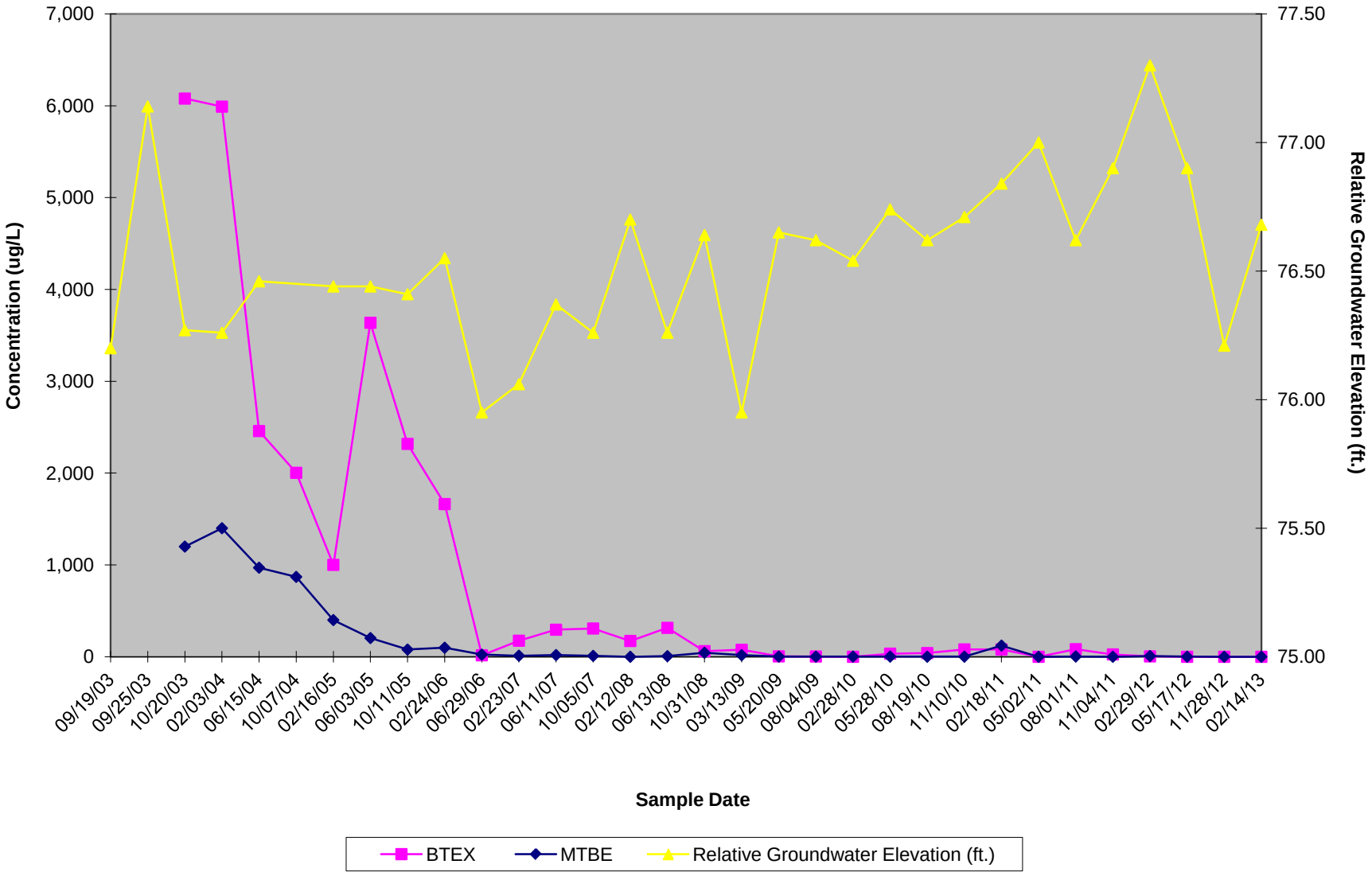


FIGURE 6
Hydrograph of MW-4
Hess Station #32522
810 Metropolitan Avenue
Brooklyn, NY



New Jersey ACCUTEST LABORATORIES

03/04/13

Technical Report for

EnviroTrac

Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY

Accutest Job Number: JB29061

Sampling Date: 02/14/13

Report to:

Envirotrac
5 Old Dock Road
Yaphank, NY 11980
edr@envirotrac.com

ATTN: Ed Russo

Total number of pages in report: **16**

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.

Nancy Cole
Laboratory Director

Client Service contact: Kevin Dovedytis 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, OH VAP (CL0056), PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4

Table of Contents

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Sample Summary

EnviroTrac

Job No: JB29061

Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JB29061-1	02/14/13	13:50	GD	02/18/13	AQ	Ground Water	MW-1
JB29061-2	02/14/13	14:07	GD	02/18/13	AQ	Ground Water	MW-2
JB29061-3	02/14/13	15:49	GD	02/18/13	AQ	Ground Water	MW-3
JB29061-4	02/14/13	14:48	GD	02/18/13	AQ	Ground Water	MW-4
JB29061-5	02/14/13	14:21	GD	02/18/13	AQ	Ground Water	MW-5
JB29061-6	02/14/13	15:30	GD	02/18/13	AQ	Ground Water	MW-6
JB29061-7	02/14/13	15:17	GD	02/18/13	AQ	Ground Water	MW-7
JB29061-8	02/14/13	14:40	GD	02/18/13	AQ	Ground Water	MW-8

Summary of Hits

Job Number: JB29061
Account: EnviroTrac
Project: Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY
Collected: 02/14/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JB29061-1	**MW-1**					
Methyl Tert Butyl Ether		3.2	1.0	0.18	ug/l	EPA 624
JB29061-2	**MW-2**					
Methyl Tert Butyl Ether		0.53 J	1.0	0.18	ug/l	EPA 624
JB29061-3	**MW-3**					
No hits reported in this sample.						
JB29061-4	**MW-4**					
Methyl Tert Butyl Ether		0.37 J	1.0	0.18	ug/l	EPA 624
JB29061-5	**MW-5**					
No hits reported in this sample.						
JB29061-6	**MW-6**					
Methyl Tert Butyl Ether		12.1	1.0	0.18	ug/l	EPA 624
JB29061-7	**MW-7**					
Ethylbenzene		1.5	1.0	0.18	ug/l	EPA 624
Xylenes (total)		0.85 J	1.0	0.14	ug/l	EPA 624
Methyl Tert Butyl Ether		0.30 J	1.0	0.18	ug/l	EPA 624
JB29061-8	**MW-8**					
Benzene		2.1	1.0	0.22	ug/l	EPA 624

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-1		
Lab Sample ID:	JB29061-1	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219128.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	3.2	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%		69-129%
2037-26-5	Toluene-D8 (SUR)	98%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	92%		82-115%
1868-53-7	Dibromofluoromethane (S)	96%		84-116%

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

Report of Analysis

Client Sample ID:	MW-2		
Lab Sample ID:	JB29061-2	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219130.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.53	1.0	0.18	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%		69-129%
2037-26-5	Toluene-D8 (SUR)	99%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	92%		82-115%
1868-53-7	Dibromofluoromethane (S)	94%		84-116%

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

Report of Analysis

Client Sample ID:	MW-3		
Lab Sample ID:	JB29061-3	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219133.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	106%		69-129%
2037-26-5	Toluene-D8 (SUR)	99%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	91%		82-115%
1868-53-7	Dibromofluoromethane (S)	95%		84-116%

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

Report of Analysis

Client Sample ID:	MW-4		
Lab Sample ID:	JB29061-4	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219134.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.37	1.0	0.18	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	106%		69-129%
2037-26-5	Toluene-D8 (SUR)	99%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	92%		82-115%
1868-53-7	Dibromofluoromethane (S)	93%		84-116%

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

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	JB29061-5	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219135.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	107%		69-129%
2037-26-5	Toluene-D8 (SUR)	99%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	91%		82-115%
1868-53-7	Dibromofluoromethane (S)	95%		84-116%

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

Report of Analysis

Client Sample ID:	MW-6		
Lab Sample ID:	JB29061-6	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219136.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	12.1	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	106%		69-129%
2037-26-5	Toluene-D8 (SUR)	97%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	91%		82-115%
1868-53-7	Dibromofluoromethane (S)	91%		84-116%

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

Report of Analysis

Client Sample ID:	MW-7		
Lab Sample ID:	JB29061-7	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219137.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	1.5	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	0.85	1.0	0.14	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.30	1.0	0.18	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	108%		69-129%
2037-26-5	Toluene-D8 (SUR)	98%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	85%		82-115%
1868-53-7	Dibromofluoromethane (S)	92%		84-116%

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

Report of Analysis

Client Sample ID:	MW-8		
Lab Sample ID:	JB29061-8	**Date Sampled:**	02/14/13
Matrix:	AQ - Ground Water	**Date Received:**	02/18/13
Method:	EPA 624	**Percent Solids:**	n/a
Project:	Hess #32522, 810 Metropolitan Avenue, Brooklyn, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N219138.D	1	02/23/13	DFT	n/a	n/a	VN9217
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics, MTBE

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	2.1	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.18	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.18	ug/l	
1330-20-7	Xylenes (total)	ND	1.0	0.14	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.18	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4 (SUR)	105%		69-129%
2037-26-5	Toluene-D8 (SUR)	100%		89-109%
460-00-4	4-Bromofluorobenzene (SUR)	90%		82-115%
1868-53-7	Dibromofluoromethane (S)	94%		84-116%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates 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 Jersey ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CW

ACCUTEST Laboratories

CHAIN OF CUSTODY

PAGE ___ OF ___

2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200 FAX: 732-329-3499/3480
www.accutest.com

FED-EX Tracking #: | Bottle Order Control #:
Accutest Quote #: | Accutest Job #: JB29061

Client / Reporting Information

Company Name: EnviroTrac Ltd.
Street Address: 5 Old Dock Road
City: Yaphank, State: NY, Zip: 11980
Project Contact: Ed Russo, E-mail:
Phone #: 631-924-3001, Fax #:
Sampler(s) Name(s): LEONARD DIAMANTE, Phone #:

Project Information

Project Name: Former Hess Station - Metro
Street: 810 Metropolitan Ave
City: Brooklyn, State: NY
Project #: 32522
Client Purchase Order #:
Project Manager:

Billing Information (if different from Report to)

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

Requested Analysis (see TEST CODE sheet)

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	BTEX / MTBE 602	LAB USE ONLY
1	MW-1		2-14-13	13:50	LD	GW	3	3								X	
2	MW-2			14:07		GW	3	3								X	2,15
3	MW-3			15:49		GW	3	3								X	
4	MW-4			14:48		GW	3	3								X	
5	MW-5			14:21		GW	3	3								X	
6	MW-6			15:30		GW	3	3								X	
7	MW-7			15:17		GW	3	3								X	
8	MW-8			14:40		GW	3	3								X	

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days (by Contract only)
- [ ] 10 Day *RUSH*
- [ ] 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)
- [ ] NJ Reduced
- [ ] Commercial "C"
- [ ] NYASP Category A
- [ ] NYASP Category B
- [ ] State Forms
- [ ] EDD Format
- [ ] Other

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
NJ Reduced = Results + QC Summary + Partial Raw data

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	2-14-13 @1800	1	2	2-15-13 10:30	2
Relinquished By Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3	2/15/13 1725	3	4		4
Relinquished by:	Date Time:	Received By:	Custody Seal # 206	Intact / Not intact	Preserved where applicable	On Ice	Cooler Temp. 2.0C
5		5					

JB29061: Chain of Custody
Page 1 of 2

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: JB29061 **Client:** **Project:**

Date / Time Received: 2/18/2013 **Delivery Method:** **Airbill #'s:**

Cooler Temps (Initial/Adjusted): #1: (2/2); 0

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:			
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

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