SPEEDWAY LLC
UPDATE REPORT

Site Address: 401 W. 207th Street New York, NY	**Regulatory Agency:** NYSDEC – Region 2 **Regulatory Contact:** Ainura Doronova **Spill #:** 02-01957 **Consultant:** EnviroTrac Ltd.
Speedway Contact: Sam Kramer	**Project Manager:** Ed Russo

Report Date: July 2021

Spill Incident Cause: Petroleum impacted soils encountered during a site upgrade project that occurred between February 2002 and June 2002. The project consisted of the removal of product piping and dispenser islands and the construction of a new convenience store. During this project a total of 963 tons of petroleum impacted soil was removed off site for disposal.

Site Remediation Activities:

- January 2003 – A Soil Vapor Extraction (SVE)/Air Sparge (AS) system was activated.
- October 2008 – Monthly Enhanced Fluid Recovery (EFR) events commenced on select wells and lasted until June 2009.
- March 2009 – The SVE/AS system was shut down due to non-detect recovery.
- May 2010 – Monthly short-term remediation events (STREs) commenced on select wells.
- June 2019 – Injection Work Plan implemented. Injection well (IW) IW-1 through IW-5 installed.

Stipulation Agreement: A Stipulation Agreement was signed on February 28, 2002.

Current Site Status: Active station

Monitoring Period: March 2021 – May 2021

Work Performed: March 22, 2021 – Completed injections of PetroCleanze™ into the five (5) IWs.

April 2, 2021 – Performed Enhanced Fluid Recovery (EFR) events on select on-site wells.

May 5, 2021 – Completed injections of PetroCleanze™ into the five (5) IWs.

May 17, 2021 – Performed EFR events on select on-site wells.

May 28, 2021 – Gauged and sampled six (6) monitoring wells.

Groundwater Monitoring:

Wells Gauged:	MW-2, MW-4, MW-9, MW-12, SVE-1, and SVE-4
Wells Containing LPH:	None
Groundwater Depth:	10.10 feet to 11.86 feet
Groundwater Flow:	Easterly
Wells Sampled:	MW-2, MW-4, MW-9, MW-12, SVE-1, and SVE-4
Maximum Benzene Concentration:	937 µg/L (MW-2)
Maximum MTBE Concentration:	2.6 µg/L (SVE-4)
Total VOCs Range:	43.2 – 6,916.0 µg/L

SPEEDWAY LLC
UPDATE REPORT (cont.)

Site Address: 401 W. 207th Street New York, NY	**Regulatory Agency:** NYSDEC – Region 2 **Regulatory Contact:** Ainura Doronova **Spill #:** 02-01957 **Consultant:** EnviroTrac Ltd.
Speedway Contact: Sam Kramer	**Project Manager:** Ed Russo

Recommendations:

As per the Injection Work Plan, which was submitted to the NYSDEC on January 21, 2019, the use of PetroCleanze™ will cease and RegenOx™ (Parts A and B) will be used to treat any residual dissolved petroleum. This change will be implemented during injection events going forward due to there being no evidence of free phase product on site monitoring wells.

EnviroTrac will continue with quarterly groundwater sampling, with the next sampling event scheduled for August 2021. Injections and EFR events will continue as per the Injection Work Plan schedule. An Update Report summarizing these activities will be submitted to NYSDEC in October 2021.

List of Attachments:

Tables:
Table 1 – Ground Water Gauging and Analytical Data
Table 2 – Summary of Groundwater Sampling Data for VOC STARs List
Table 3 – Summary of PID Readings of Short-Term Remediation Events
Table 4 – EFR Event Field Data

Figures:
Figure 1 – Aerial Photograph
Figure 2 – Site Plan
Figure 3 - Water-Table Elevation on May 28, 2021 and Total Dissolved BTEX/Total VOC Concentration Map
Figure 4 – Hydrograph of MW-2
Figure 5 – Hydrograph of MW-4
Figure 6 – Hydrograph of MW-9
Figure 7 – Hydrograph of SVE-4
Figure 8 – Hydrograph of SVE-5

Attachment: Laboratory Analytical Report

Table 1
Groundwater Gauging and Analytical Data
401 West 207th Street
New York, NY

Well ID (Screen Zone)	Date	Top of Casing (feet)	Depth to Water (feet)	Depth to Product (fbg)	Product Thickness (feet)	Relative GW Elevation (feet)	Dissolved Oxygen (mg/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	Total BTEX (ug/L)	MTBE (ug/L)
MW-1 (3-23')	2/4/2019					WELL ABANDONED ON 02/04/2019							
MW-2 (2-20')	8/13/2020	14.97	9.32			5.65	0.38	863	1,580	483	3,300	6,226	ND
	11/30/2020	14.97	7.76			7.21	0.31	49.9	4.6	1.3	250	305.8	ND
	2/22/2021	14.97	9.03			5.94	0.54	323	87.8	80.5	700	1,191.3	ND
	5/28/2021	14.97	10.10			4.87	NM	937	1,590	519	3,020	6,066	ND
MW-4 (2-20')	8/13/2020	14.80	10.49			4.31	0.27	23.3	22.2	69.7	252	367.2	ND
	11/30/2020	14.80	10.08			4.72	0.42	25.4	2.9	13.7	25.1	67.1	ND
	2/22/2021	14.80	9.93			4.87	0.56	19.8	5.6	69.5	57.4	152.3	ND
	5/28/2021	14.80	10.65			4.15	NM	16.4	2.1	40.4	23.2	82.1	ND
MW-6 (3-16')	2/4/2019					WELL ABANDONED ON 02/04/2019							
MW-7 (4-19')	2/4/2019					WELL ABANDONED ON 02/04/2019							
MW-9 (3.5-18.5')	8/13/2020	14.22	11.48			2.74	0.33	1.5	ND	ND	ND	1.5	ND
	11/30/2020	14.22	10.67			3.55	1.82	ND	ND	ND	ND	ND	ND
	2/22/2021	14.22	11.35			2.87	0.57	ND	ND	ND	ND	ND	ND
	5/28/2021	14.22	11.86			2.36	NM	12.9	ND	ND	ND	12.9	1.2
MW-10 (3-18')	2/4/2019					WELL ABANDONED ON 02/04/2019							
MW-12 (6-21')	8/13/2020	13.77	10.48			3.29	0.20	1.1	ND	11.2	4.1	16.4	ND
	11/30/2020	13.77	9.23			4.54	0.52	4.3	1.3	33.8	7.4	46.8	ND
	2/22/2021	13.77	10.80			2.97	0.43	3.8	1.0	51.3	21.5	77.6	ND
	5/28/2021	13.77	11.08			2.69	NM	3.7	1.5	23.3	6.0	34.5	ND
MW-13 (5-20')	2/4/2019					WELL ABANDONED ON 02/04/2019							
SVE-1 (2-15')	8/13/2020	15.04	10.85			4.19	0.31	1,250	29.3	18.2	182	1,479.5	ND
	11/30/2020	15.04	10.31			4.73	0.69	158	6.7	ND	29.9	194.6	ND
	2/22/2021	15.04	10.36			4.68	0.57	22.8	1.4	ND	6.7	30.9	ND
	5/28/2021	15.04	11.41			3.63	NM	ND	1.8	3.8	20.0	25.6	ND
SVE-4 (1.5-16.5')	8/13/2020	13.67	10.95			2.72	0.23	6.5	3.9	3.6	4.9	18.9	ND
	11/30/2020	13.67	10.42			3.25	0.17	2.2	ND	1.5	ND	3.7	ND
	2/22/2021	13.67	10.88			2.79	0.43	3.2	51.7	90.4	636	781.3	ND
	5/28/2021	13.67	11.45			2.22	NM	184	14.8	13.4	39.6	251.8	2.6
SVE-5 (1.5-16.5')	8/13/2020	12.34	NM			NM	NM	NS	NS	NS	NS	NS	NS
	11/30/2020	12.34	9.07			3.27	0.32	ND	ND	ND	ND	ND	ND
	2/22/2021	12.34	NM			NM	NM	NS	NS	NS	NS	NS	NS
	5/28/2021	12.34	NM			NM	NM	NS	NS	NS	NS	NS	NS

Notes:
NA - Not Accessible
ND - Not Detected
NM - Not Measured
NS - Not Sampled

Table 2
Summary of Groundwater Sampling Data for VOC STARs List
Speedway # 7822
401 W. 207th Street
New York, NY

Well ID	Date	Benzene (1)	n-Butylbenzene (5)	sec-Butylbenzene (5)	tert-Butylbenzene (5)	Ethylbenzene (5)	Isopropylbenzene (5)	p-Isopropyltoluene (5)	Methyl Tert Butyl Ether (10)	Naphthalene (10)	n-Propylbenzene (5)	Toluene (5)	1,2,4-Trimethylbenzene (5)	1,3,5-Trimethylbenzene (5)	m,p-Xylene	o-Xylene	Total Xylene (5)	Total VOCs
MW-1	**2/4/2019**	WELL ABANDONED ON 02/04/2019																
MW-2	**8/13/2020**	**863**	**17.5**	**8.1**	ND	**483**	**30.3**	**6.3**	ND	**168**	**57.7**	**1,580**	**1,110**	**172**	2,260	1,040	**3,300**	7,795.9
	11/30/2020	**49.9**	2.6	ND	ND	1.3	ND	2.0	ND	**18.5**	ND	4.6	**150**	**8.4**	126	124	**250**	487.3
	2/22/2021	**323**	4.6	ND	ND	**81**	**6.1**	2.5	ND	**38.7**	**9.3**	**87.8**	**367**	**15.2**	310	389	**700**	1,634.7
	5/28/2021	**937**	11.0	ND	ND	**519**	**30.9**	4.3	ND	**128**	**57.6**	**1,590**	**531**	**87.2**	1,990	1,030	**3,020**	6,916.0
MW-4	**8/13/2020**	**23.3**	**12.5**	**8.9**	ND	**69.7**	**34.8**	1.9	ND	**60.6**	**78.2**	**22.2**	**431**	**71.3**	205	46.9	**252**	1,066.4
	11/30/2020	**25.4**	**9.1**	**9.4**	ND	**13.7**	**30.6**	2.1	ND	**5.2**	**67.5**	2.9	**108**	**5.4**	12.0	13.2	**25.1**	304.4
	2/22/2021	**19.8**	4.3	ND	ND	**69.5**	**26.4**	1.5	ND	**11.0**	**56.8**	**5.6**	**352**	**16.7**	41.6	15.8	**57.4**	621.0
	5/28/2021	**16.4**	**11.8**	**11.8**	ND	**40.4**	**43.6**	1.7	ND	**4.3**	**106**	2.1	**95.9**	ND	10.9	12.3	**23.2**	357.2
MW-6	**2/4/2019**	WELL ABANDONED ON 02/04/2019																
MW-7	**2/4/2019**	WELL ABANDONED ON 02/04/2019																
MW-9	**8/13/2020**	**1.5**	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	2.4	ND	ND	ND	ND	6.5
	11/30/2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/22/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	5/28/2021	**12.9**	2.8	4.4	ND	ND	**17.9**	ND	1.2	ND	**28.2**	ND	ND	ND	ND	ND	ND	67.4
MW-10	**2/4/2019**	WELL ABANDONED ON 02/04/2019																
MW-12	**8/13/2020**	**1.1**	3.7	**5.6**	ND	**11.2**	**51.8**	1.7	ND	**22.2**	**114**	ND	1.8	2.1	4.1	ND	4.1	219.3
	11/30/2020	**4.3**	**36.1**	**22.0**	ND	**33.8**	**130**	**5.8**	ND	**83.3**	**415**	1.3	**8.2**	**28.0**	7.4	ND	**7.4**	775.2
	2/22/2021	**3.8**	**15.3**	**12.6**	ND	**51.3**	**116**	3.4	ND	**48.6**	**263**	1.0	**28.9**	**11.6**	21.5	ND	**21.5**	577.0
	5/28/2021	**3.7**	**21.2**	**18.4**	ND	**23.3**	**139**	3.9	ND	**61.5**	**350**	1.5	3.9	ND	6.0	ND	**6.0**	632.4
MW-13	**2/4/2019**	WELL ABANDONED ON 02/04/2019																
SVE-1	**8/13/2020**	**1,250**	4.4	4.1	ND	**18.2**	**31.1**	ND	ND	**116**	**66.0**	**29.3**	**7.0**	**17.2**	153	28.8	**182**	1,725.3
	11/30/2020	**158**	ND	ND	ND	ND	1.1	ND	ND	2.2	ND	**6.7**	ND	2.4	15.7	14.2	**29.9**	200.3
	2/22/2021	**22.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	1.0	3.6	3.1	**6.7**	31.9
	5/28/2021	ND	ND	ND	ND	3.8	ND	ND	ND	ND	2.1	1.8	**12.0**	3.5	14.1	5.9	**20.0**	43.2
SVE-4	**8/13/2020**	**6.5**	ND	ND	ND	3.6	1.4	ND	ND	7.1	3.0	3.9	3.0	1.3	3.8	1.1	4.9	34.7
	11/30/2020	**2.2**	ND	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7
	2/22/2021	**3.2**	**44.0**	ND	ND	**90.4**	**19.1**	**12.7**	ND	**40.1**	**60.6**	**51.7**	**356**	**132**	362	273	**636**	1,445.8
	5/28/2021	**184**	1.6	ND	ND	**13.4**	**11.5**	ND	2.6	**5.3**	**20.1**	**14.8**	**7.0**	3.3	33.4	6.2	**39.6**	303.2
SVE-5	**8/13/2020**	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	11/30/2020	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2/22/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/28/2021	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
Concentration units = µg/L (micrograms per Liter)
Laboratory analyses via EPA Method 8260 STARs List
ND = Not Detected
NS = Not Sampled
NYSDEC Groundwater Standards are listed in parentheses
Bold values indicate an exceedance of the NYSDEC Groundwater Standards

Table 3
Summary of PID Readings of Short Term Remediation Events
401 West 207th Street
New York, NY

Extraction Well	Sparge Well	Date	Event Hours	Highest PID Reading (ppm)
MW-2	AS-5	05/12/10	3	41
		06/15/10	3	122
		07/16/10	3	31
		01/11/11	1.5	151.3
		05/26/11	1.5	20
		06/09/11	2	53
		07/12/11	4	2000
		08/16/11	1.5	45
		11/21/11	1.5	15
		02/21/12	1.5	31
		04/25/12	3	32
		05/08/12	3	21
		08/29/12	2.5	298
		01/10/13	1.5	54
		02/19/13	2.5	321
		04/08/13	2	204
		05/09/13	2.5	136
		06/26/13	3	31.9
		07/25/13	3	51.2
		05/13/14	6	81
		06/23/14	6	46.1
		07/31/14	6	133
		08/05/14	6	293
		11/24/14	6.5	149
		01/21/15	6	45.7
		02/04/15	6	127.8
		04/07/15	6	223.0
		05/06/15	8	63.0
		07/02/15	6	160.6
		07/27/15	8	133.3
		09/21/15	8	180.1
		11/30/15	8	56.4
		01/14/16	8	49.9
		02/02/16	8	71.2
		03/03/16	8	142.0
		05/16/16	4	61.1
		01/17/17	4	17.3
		02/01/17	4	30.1
		05/12/17	4	54.9
		05/30/17	4	162.3
		06/12/17	4	173.1
		07/28/17	4	30.3
		08/02/17	4	21.1
		09/27/17	8	32.9

Table 3
Summary of PID Readings of Short Term Remediation Events
401 West 207th Street
New York, NY

Extraction Well	Sparge Well	Date	Event Hours	Highest PID Reading (ppm)
MW-2	AS-5	10/23/17	4	387.9
		11/07/17	4	26.4
		12/12/18	3	117.8
		01/09/18	3	73.5
		02/06/18	4	63.3
		03/26/18	4	105.4
		04/19/18	4	159.9
		05/10/18	4	44.4
		06/05/18	4	154.2
		07/30/18	4	77.6
		08/08/18	4	197.8
		10/05/18	8	225.9
		11/02/18	8	33.4
		12/19/18	8	18.1
		01/23/19	8	110.6
		02/04/19	8	151.3
		03/12/19	8	133.0
		04/15/19	8	61.9
		05/01/19	8	77.7
		06/05/19	8	169.8
MW-4	AS-6	05/16/16	4	431
		06/02/16	8	221
		07/07/16	8	16.4
		08/10/16	8	314
		11/03/16	7.5	140.2
		11/07/16	8	96.2
		03/16/17	8	320.8
		05/12/17	4	158.2
		05/30/17	4	145.3
		06/12/17	4	184.8
		07/28/17	4	65.3
		08/02/17	4	46.3
		10/23/17	4	744.4
		11/07/17	4	135.5
		12/12/18	4	1,421
		01/09/18	3	362.6
		02/06/18	4	118.7
		03/26/18	4	155.3
		04/19/18	4	140.1
		05/10/18	4	70.4
		6/05/20018	4	346.1
		07/30/18	4	79.1
		08/08/18	4	317.7

Notes:
ppm - Parts per million

Table 4
Summary of Enhanced Fluid Recovery (EFR) Event Field Data
401 West 207th Street
New York, NY

Well ID	Date	EFR (hrs)	Water Recovered (Gallons)
MW-2/MW-4/MW-12/SVE-1/SVE-4	7/18/2019	7	231
MW-2/MW-4/MW-12/SVE-1/SVE-4	8/22/2019	7	269
MW-2/MW-4/MW-12/SVE-1/SVE-4	10/16/2019	7	129
MW-2/MW-4/MW-12/SVE-1/SVE-4	12/3/2019	7	231
MW-2/MW-4/MW-12/SVE-1/SVE-4	1/28/2020	7	393
MW-2/MW-4/MW-12/SVE-1/SVE-4	3/24/2020	7	231
MW-2/MW-4/MW-12/SVE-1/SVE-4	5/7/2020	8	219
MW-2/MW-4/MW-12/SVE-1/SVE-4	6/25/2020	6	145
MW-2/MW-4/MW-12/SVE-1/SVE-4	8/10/2020	6	131
MW-2/MW-4/MW-12/SVE-1/SVE-4	10/1/2020	7	231
MW-2/MW-4/MW-12/SVE-1/SVE-4	11/18/2020	7	231
MW-2/MW-4/MW-12/SVE-1/SVE-4	1/4/2021	7	194
MW-2/MW-12/SVE-4	2/16/2021	7	396
MW-2/MW-4/MW-12/SVE-1/SVE-4	4/5/2021	8	126
MW-2/MW-4/MW-12/SVE-1/SVE-4	5/17/2021	8	194
Total Gallons Recovered		=	3,351

AERIAL PHOTOGRAPH

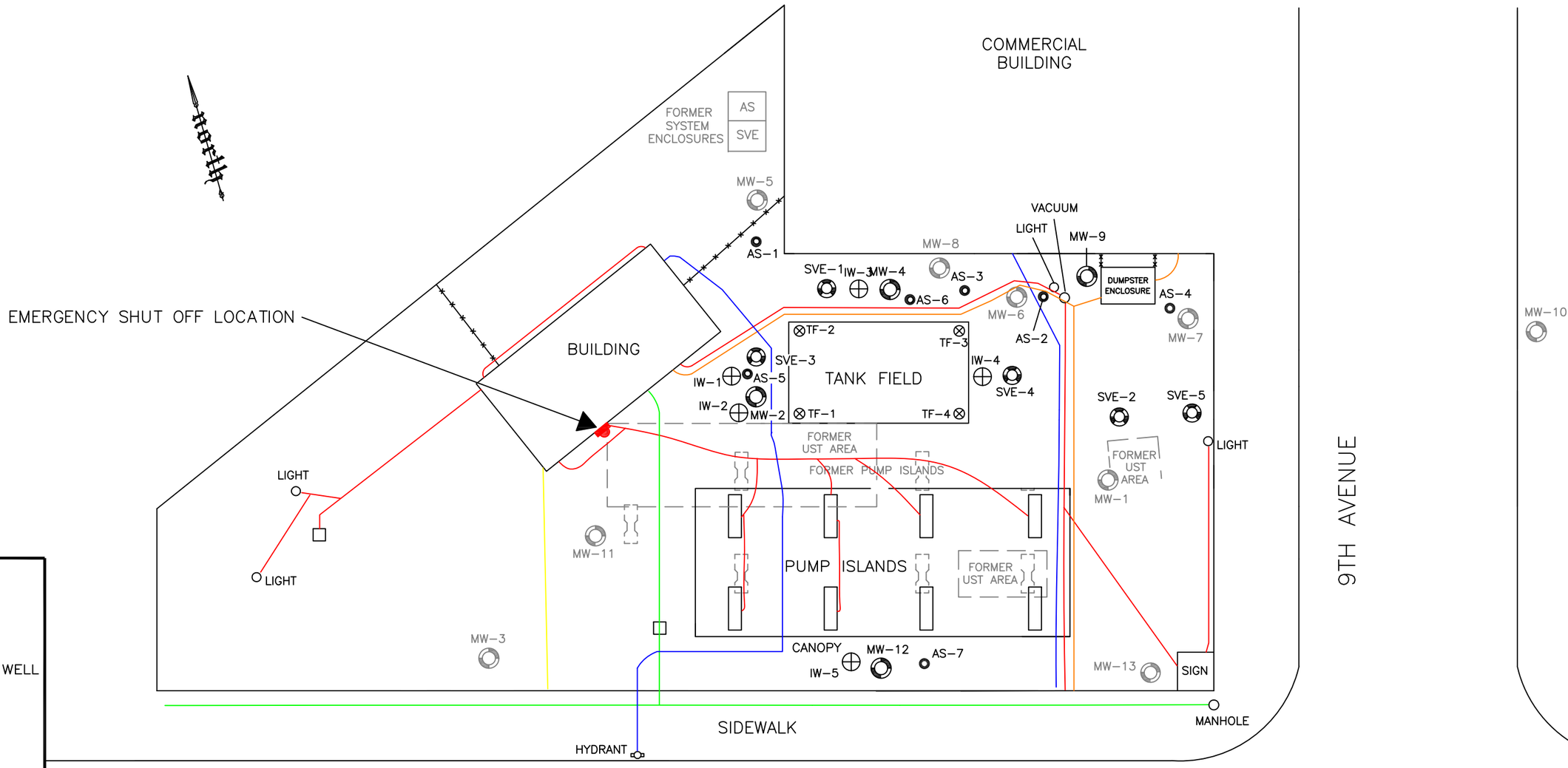
Figure 1
Aerial Photograph

Speedway #7822 (Hess #32517)
401 W. 207th St.
Inwood, NY

Digital Imagery taken in 2010

N
W E
S

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



LEGEND:

- MONITORING WELL
- INJECTION WELL
- ABANDONED MONITORING WELL
- AS/SVE CLUSTER WELL
- AIR SPARGE WELL
- TANK FIELD WELL
- = FORMER SITE FEATURE
- ELECTRIC
- GAS
- WATER
- SEWER
- TELEPHONE / TELECOMMUNICATIONS

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

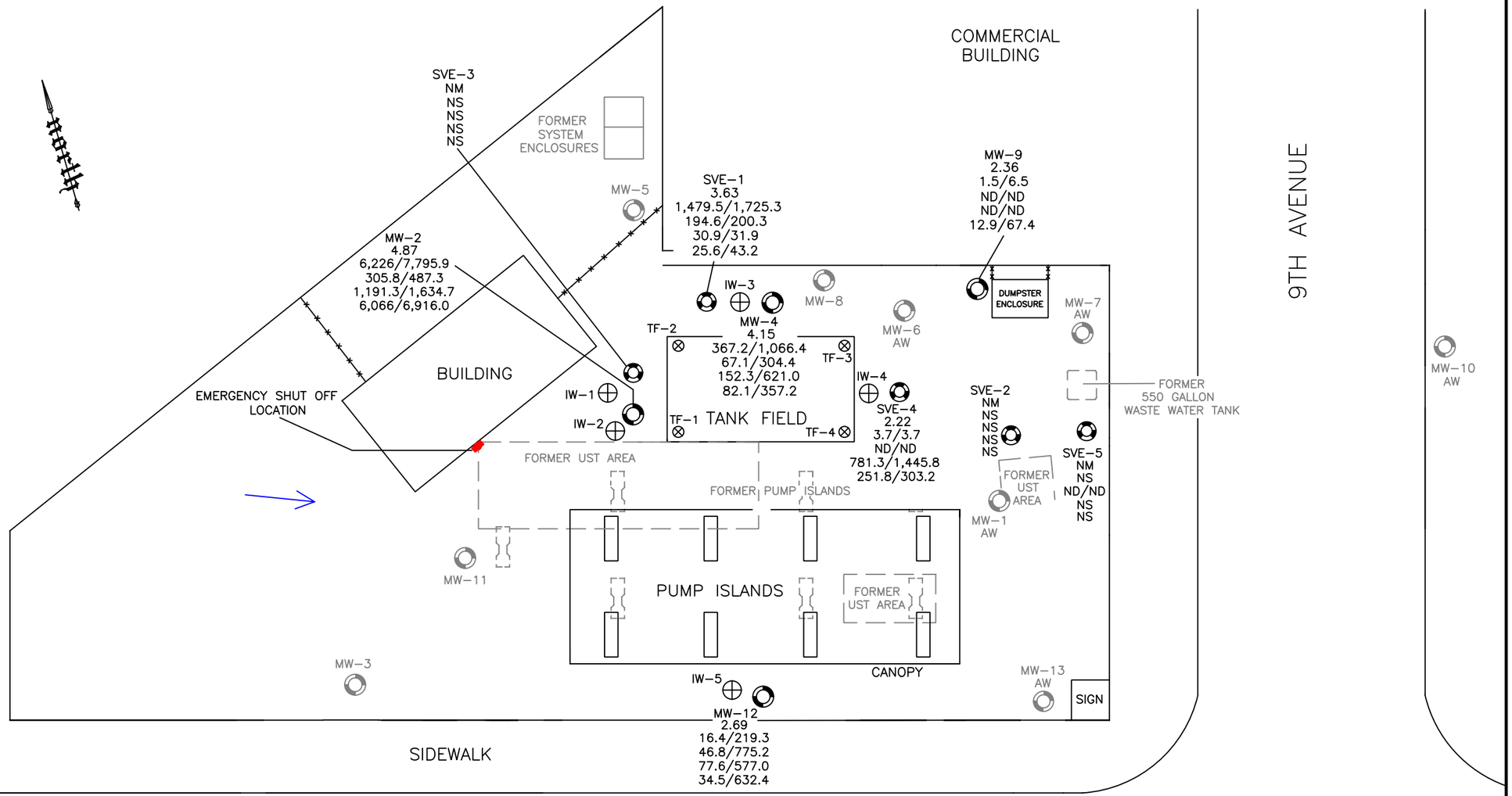
0 15 FT. 30

REVISION DATE: OCTOBER 21, 2019 | SCALE: 1" = 30 FEET | REVISED BY: TB

SPEEDWAY # 7822
401 W. 207th STREET
NEW YORK, NEW YORK

SITE PLAN

FIGURE # 2



LEGEND:

- MONITORING WELL
- INJECTION WELL
- ABANDONED WELL
- AS/SVE CLUSTER WELL
- TANK FIELD WELL
- = FORMER SITE FEATURE

SVE = SOIL VAPOR EXTRACTION
NSVD = NOT SURVEYED
NS = NOT SAMPLED
NM = NOT MEASURED
AW = ABANDONED WELL
ND = NOT DETECTED
NA = NOT ACCESSIBLE

INFERRED GROUNDWATER FLOW DIRECTION

SAMPLE WELL:

MW–9 = WELL ID
2.36 = WATER–TABLE ELEVATION
1.5/6.5 = AUGUST 13, 2020
ND/ND = NOVEMBER 30, 2020
ND/ND = FEBRUARY 22, 2021
12.9/67.4 = MAY 28, 2021

TOTAL BTEX/VOC RESULTS IN ug/L

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NY 11980
PHONE: (631)924–3001 FAX: (631)924–5001

0 15 FT. 30

REVISION DATE:	SCALE:	REVISED BY:
JULY 22, 2021	1" = 30 FEET	TB

SPEEDWAY # 7822
401 W. 207th STREET
NEW YORK, NY

WATER–TABLE ELEVATION ON MAY 28, 2021 AND TOTAL DISSOLVED BTEX/TOTAL VOC CONCENTRATIONS MAP

FIGURE # 3

Figure 4
Hydrograph of MW-2
401 West 207th Street
New York, NY

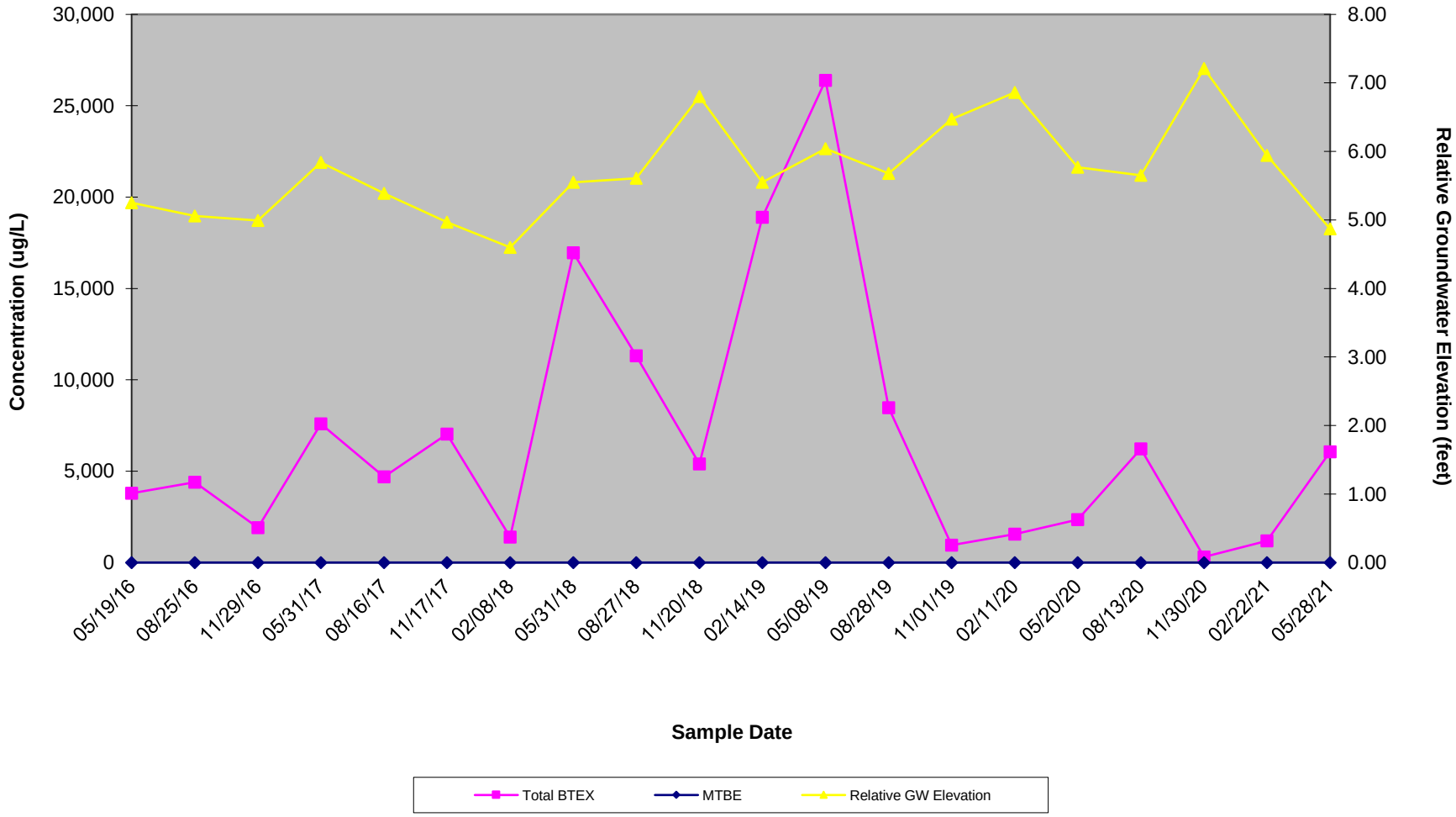


Figure 5
Hydrograph of MW-4
401 West 207th Street
New York, NY

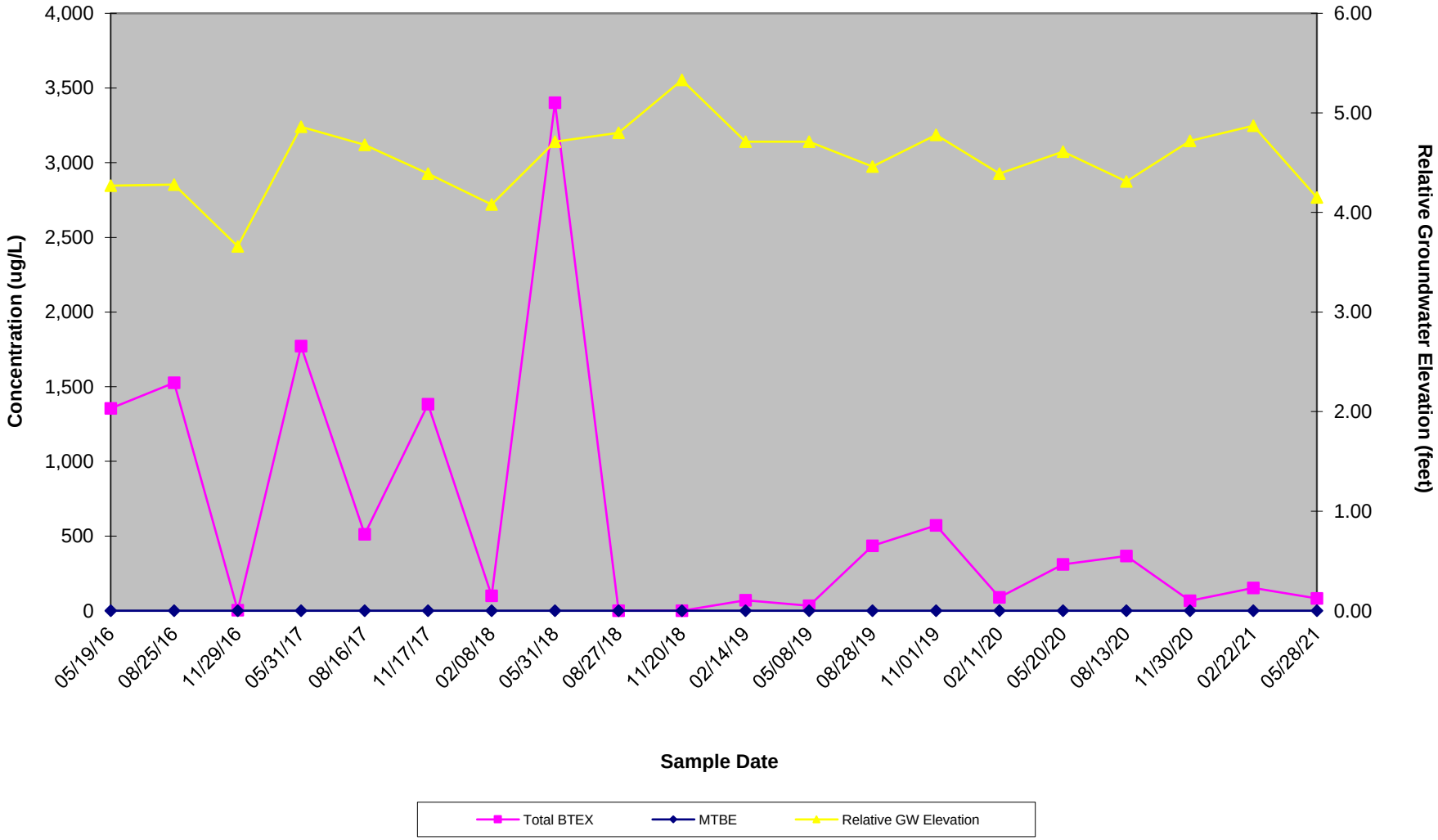


Figure 6
Hydrograph of MW-9
401 West 207th Street
New York, NY

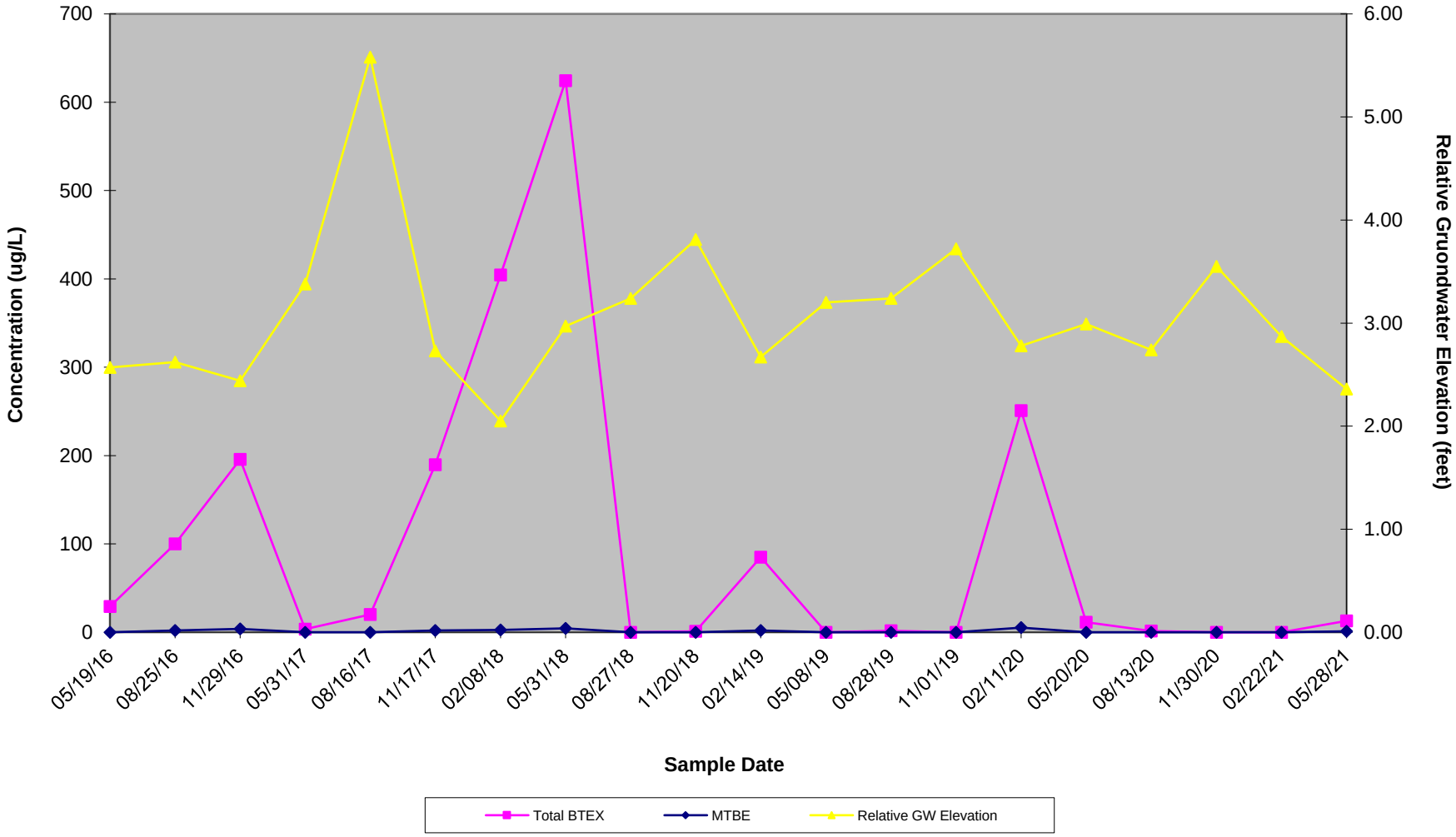


Figure 7
Hydrograph of SVE-4
401 West 207th Street
New York, NY

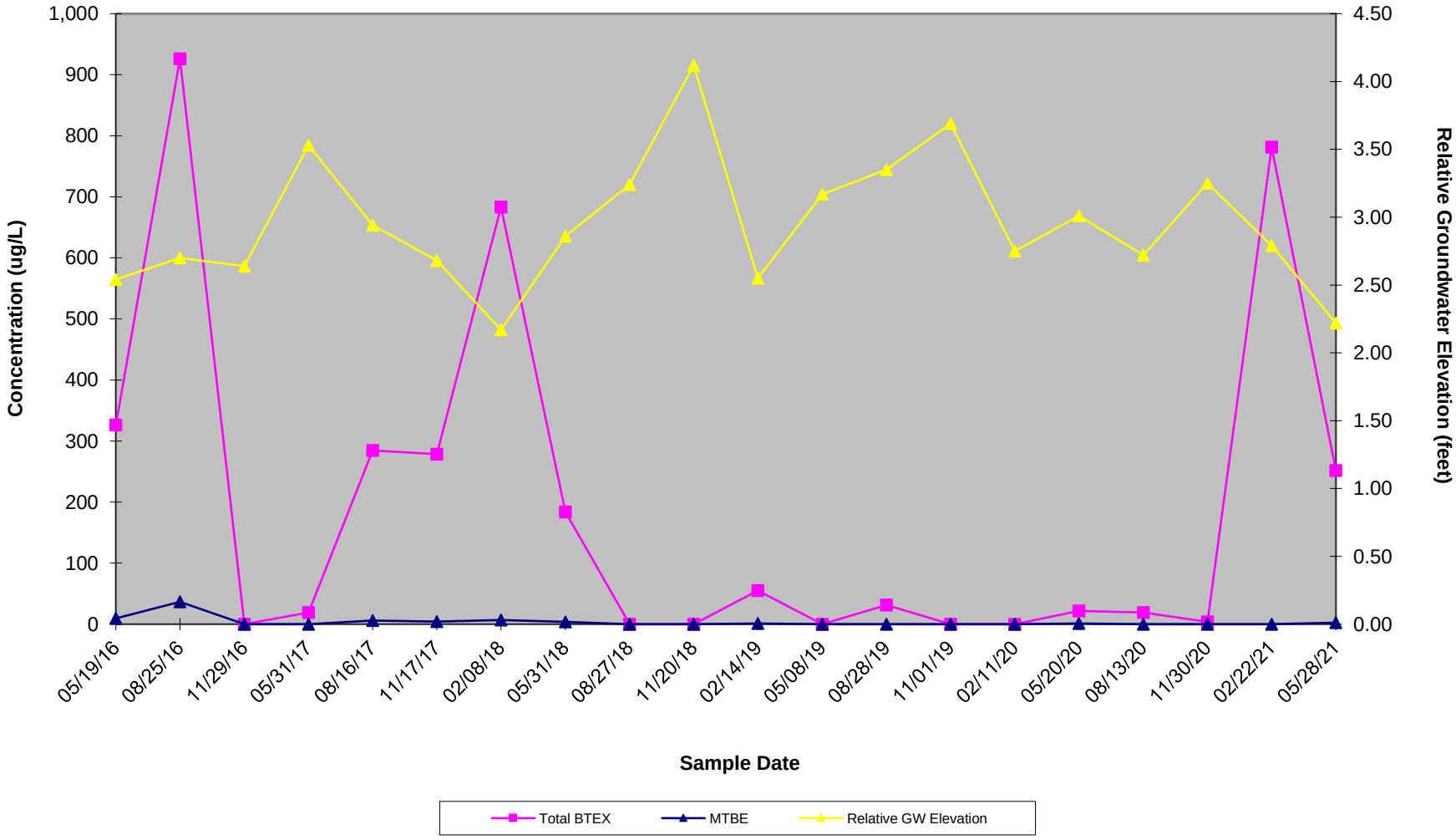
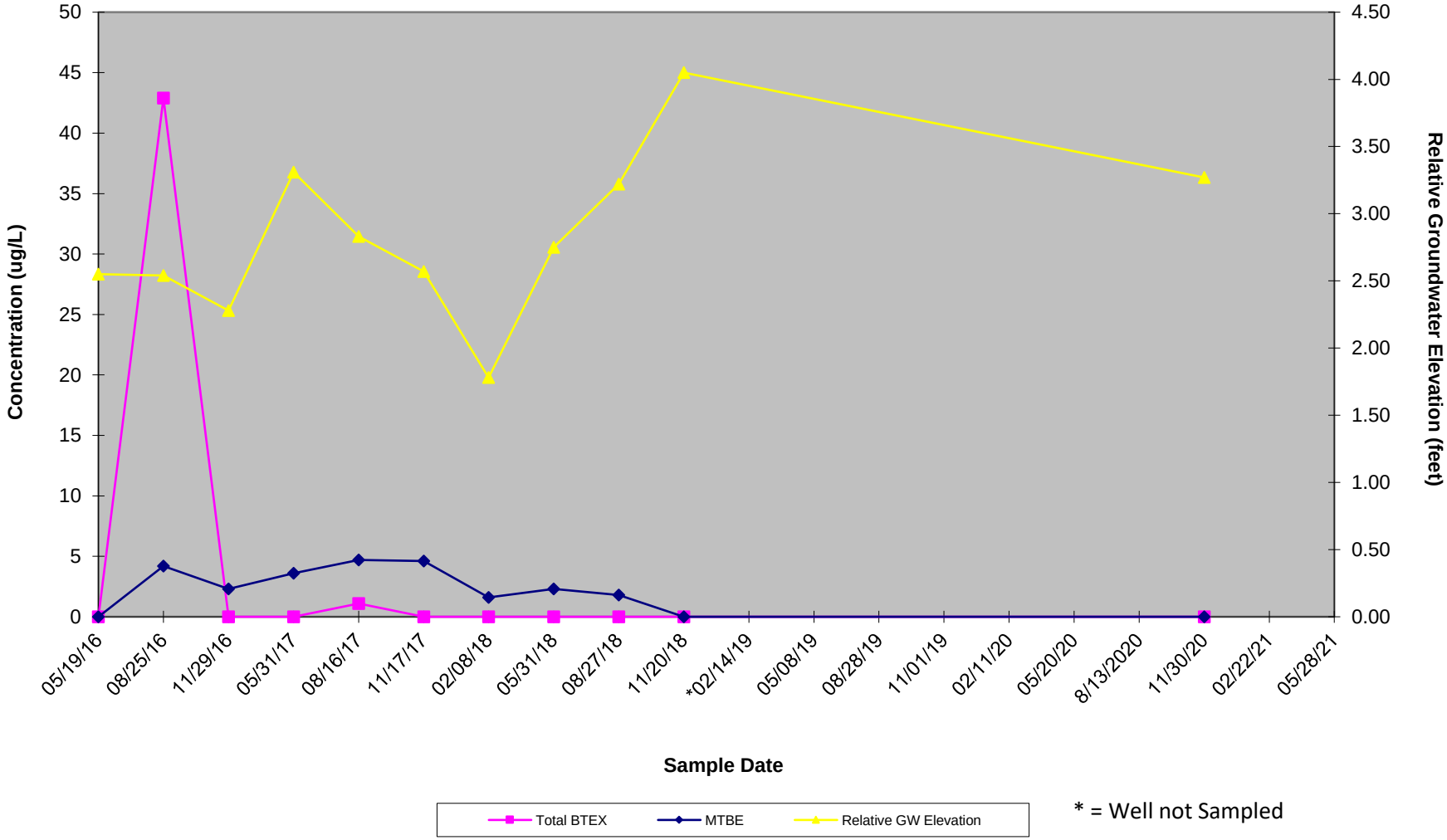


Figure 8
Hydrograph of SVE-5
401 West 207th Street
New York, NY



* = Well not Sampled

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

June 14, 2021

Mr. Ed Russo
Envirotrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Dear Mr. Russo:

Enclosed are the analytical results for sample(s) received by the laboratory on June 02, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Julie Litvin
julie.litvin@pacelabs.com
(631)694-3040
Project Manager

Enclosures

cc: Lorriane Avila, Pace Analytical
Crystal Bakewicz, EnviroTrac Ltd.
Mr. Joe Rennie, Envirotrac
Mr. Dan Ruffini, Envirotrac

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Pace Analytical Services Long Island

Virginia Certification # 460302
Delaware Certification # NY10478
Delaware Certification # NY10478
575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

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(631)694-3040

SUMMARY OF DETECTION

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
70175263001	**MW-12**					
EPA 8260C/5030C	1,2,4-Trimethylbenzene	3.9	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Benzene	3.7	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Ethylbenzene	23.3	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Isopropylbenzene (Cumene)	139	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Naphthalene	61.5	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Toluene	1.5	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	Xylene (Total)	6.0	ug/L	3.0	06/08/21 22:04	
EPA 8260C/5030C	m&p-Xylene	6.0	ug/L	2.0	06/08/21 22:04	
EPA 8260C/5030C	n-Butylbenzene	21.2	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	n-Propylbenzene	350	ug/L	5.0	06/10/21 01:06	
EPA 8260C/5030C	p-Isopropyltoluene	3.9	ug/L	1.0	06/08/21 22:04	
EPA 8260C/5030C	sec-Butylbenzene	18.4	ug/L	1.0	06/08/21 22:04	
70175263002	**MW-2**					
EPA 8260C/5030C	1,2,4-Trimethylbenzene	531	ug/L	20.0	06/10/21 01:25	
EPA 8260C/5030C	1,3,5-Trimethylbenzene	87.2	ug/L	1.0	06/08/21 22:22	
EPA 8260C/5030C	Benzene	937	ug/L	20.0	06/10/21 01:25	
EPA 8260C/5030C	Ethylbenzene	519	ug/L	20.0	06/10/21 01:25	
EPA 8260C/5030C	Isopropylbenzene (Cumene)	30.9	ug/L	1.0	06/08/21 22:22	
EPA 8260C/5030C	Naphthalene	128	ug/L	1.0	06/08/21 22:22	
EPA 8260C/5030C	Toluene	1590	ug/L	20.0	06/10/21 01:25	
EPA 8260C/5030C	Xylene (Total)	3020	ug/L	60.0	06/10/21 01:25	
EPA 8260C/5030C	m&p-Xylene	1990	ug/L	40.0	06/10/21 01:25	
EPA 8260C/5030C	n-Butylbenzene	11.0	ug/L	1.0	06/08/21 22:22	
EPA 8260C/5030C	n-Propylbenzene	57.6	ug/L	1.0	06/08/21 22:22	
EPA 8260C/5030C	o-Xylene	1030	ug/L	20.0	06/10/21 01:25	
EPA 8260C/5030C	p-Isopropyltoluene	4.3	ug/L	1.0	06/08/21 22:22	
70175263003	**MW-4**					
EPA 8260C/5030C	1,2,4-Trimethylbenzene	95.9	ug/L	1.0	06/09/21 19:49	D6
EPA 8260C/5030C	Benzene	16.4	ug/L	1.0	06/09/21 19:49	D6
EPA 8260C/5030C	Ethylbenzene	40.4	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	Isopropylbenzene (Cumene)	43.6	ug/L	1.0	06/09/21 19:49	D6
EPA 8260C/5030C	Naphthalene	4.3	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	Toluene	2.1	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	Xylene (Total)	23.2	ug/L	3.0	06/09/21 19:49	
EPA 8260C/5030C	m&p-Xylene	10.9	ug/L	2.0	06/09/21 19:49	
EPA 8260C/5030C	n-Butylbenzene	11.8	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	n-Propylbenzene	106	ug/L	1.0	06/09/21 19:49	D6
EPA 8260C/5030C	o-Xylene	12.3	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	p-Isopropyltoluene	1.7	ug/L	1.0	06/09/21 19:49	
EPA 8260C/5030C	sec-Butylbenzene	11.8	ug/L	1.0	06/09/21 19:49	D6
70175263004	**MW-9**					
EPA 8260C/5030C	Benzene	12.9	ug/L	1.0	06/09/21 20:07	
EPA 8260C/5030C	Isopropylbenzene (Cumene)	17.9	ug/L	1.0	06/09/21 20:07	
EPA 8260C/5030C	Methyl-tert-butyl ether	1.2	ug/L	1.0	06/09/21 20:07	
EPA 8260C/5030C	n-Butylbenzene	2.8	ug/L	1.0	06/09/21 20:07	
EPA 8260C/5030C	n-Propylbenzene	28.2	ug/L	1.0	06/09/21 20:07	

Pace Analytical Services, LLC
575 Broad Hollow Road
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SUMMARY OF DETECTION

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
70175263004	**MW-9**					
EPA 8260C/5030C	sec-Butylbenzene	4.4	ug/L	1.0	06/09/21 20:07	
70175263005	**SVE-1**					
EPA 8260C/5030C	1,2,4-Trimethylbenzene	12.0	ug/L	1.0	06/09/21 20:26	
EPA 8260C/5030C	1,3,5-Trimethylbenzene	3.5	ug/L	1.0	06/09/21 20:26	
EPA 8260C/5030C	Ethylbenzene	3.8	ug/L	1.0	06/09/21 20:26	
EPA 8260C/5030C	Toluene	1.8	ug/L	1.0	06/09/21 20:26	
EPA 8260C/5030C	Xylene (Total)	20.0	ug/L	3.0	06/09/21 20:26	
EPA 8260C/5030C	m&p-Xylene	14.1	ug/L	2.0	06/09/21 20:26	
EPA 8260C/5030C	n-Propylbenzene	2.1	ug/L	1.0	06/09/21 20:26	
EPA 8260C/5030C	o-Xylene	5.9	ug/L	1.0	06/09/21 20:26	
70175263006	**SVE-4**					
EPA 8260C/5030C	1,2,4-Trimethylbenzene	7.0	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	1,3,5-Trimethylbenzene	3.3	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Benzene	184	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Ethylbenzene	13.4	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Isopropylbenzene (Cumene)	11.5	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Methyl-tert-butyl ether	2.6	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Naphthalene	5.3	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Toluene	14.8	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	Xylene (Total)	39.6	ug/L	3.0	06/09/21 20:45	
EPA 8260C/5030C	m&p-Xylene	33.4	ug/L	2.0	06/09/21 20:45	
EPA 8260C/5030C	n-Butylbenzene	1.6	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	n-Propylbenzene	20.1	ug/L	1.0	06/09/21 20:45	
EPA 8260C/5030C	o-Xylene	6.2	ug/L	1.0	06/09/21 20:45	

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PROJECT NARRATIVE

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: Speedway Envirotrac (New York) IDS
Date: June 14, 2021

General Information:
6 samples were analyzed for EPA 8260C/5030C by Pace Analytical Services Melville. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: 212488

S0: Surrogate recovery outside laboratory control limits.

- MW-2 (Lab ID: 70175263002)
  - Toluene-d8 (S)

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: 212488

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 1067086)
  - Methyl-tert-butyl ether

QC Batch: 212780

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- DUP (Lab ID: 1068759)

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Melville, NY 11747
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PROJECT NARRATIVE

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Method: **EPA 8260C/5030C**
Description: 8260C Volatile Organics
Client: Speedway Envirotrac (New York) IDS
Date: June 14, 2021

QC Batch: 212780

D6: The precision between the sample and sample duplicate exceeded laboratory control limits.

- 1,2,4-Trimethylbenzene
- Benzene
- Isopropylbenzene (Cumene)
- n-Propylbenzene
- sec-Butylbenzene

Additional Comments:

Analyte Comments:

QC Batch: 212488

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- DUP (Lab ID: 1067086)
  - Ethylbenzene

This data package has been reviewed for quality and completeness and is approved for release.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
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ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: MW-12 **Lab ID: 70175263001** Collected: 05/28/21 08:37 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**3.9**	ug/L	1.0	1		06/08/21 22:04	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/08/21 22:04	108-67-8	
Benzene	**3.7**	ug/L	1.0	1		06/08/21 22:04	71-43-2	
Ethylbenzene	**23.3**	ug/L	1.0	1		06/08/21 22:04	100-41-4	
Isopropylbenzene (Cumene)	**139**	ug/L	1.0	1		06/08/21 22:04	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/21 22:04	1634-04-4	
Naphthalene	**61.5**	ug/L	1.0	1		06/08/21 22:04	91-20-3	
Toluene	**1.5**	ug/L	1.0	1		06/08/21 22:04	108-88-3	
Xylene (Total)	**6.0**	ug/L	3.0	1		06/08/21 22:04	1330-20-7	
m&p-Xylene	**6.0**	ug/L	2.0	1		06/08/21 22:04	179601-23-1	
n-Butylbenzene	**21.2**	ug/L	1.0	1		06/08/21 22:04	104-51-8	
n-Propylbenzene	**350**	ug/L	5.0	5		06/10/21 01:06	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/08/21 22:04	95-47-6	
p-Isopropyltoluene	**3.9**	ug/L	1.0	1		06/08/21 22:04	99-87-6	
sec-Butylbenzene	**18.4**	ug/L	1.0	1		06/08/21 22:04	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/21 22:04	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	102	%	70-123	1		06/08/21 22:04	17060-07-0	
4-Bromofluorobenzene (S)	106	%	66-119	1		06/08/21 22:04	460-00-4	
Toluene-d8 (S)	109	%	82-121	1		06/08/21 22:04	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: MW-2 **Lab ID: 70175263002** Collected: 05/28/21 09:53 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**531**	ug/L	20.0	20		06/10/21 01:25	95-63-6	
1,3,5-Trimethylbenzene	**87.2**	ug/L	1.0	1		06/08/21 22:22	108-67-8	
Benzene	**937**	ug/L	20.0	20		06/10/21 01:25	71-43-2	
Ethylbenzene	**519**	ug/L	20.0	20		06/10/21 01:25	100-41-4	
Isopropylbenzene (Cumene)	**30.9**	ug/L	1.0	1		06/08/21 22:22	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/08/21 22:22	1634-04-4	
Naphthalene	**128**	ug/L	1.0	1		06/08/21 22:22	91-20-3	
Toluene	**1590**	ug/L	20.0	20		06/10/21 01:25	108-88-3	
Xylene (Total)	**3020**	ug/L	60.0	20		06/10/21 01:25	1330-20-7	
m&p-Xylene	**1990**	ug/L	40.0	20		06/10/21 01:25	179601-23-1	
n-Butylbenzene	**11.0**	ug/L	1.0	1		06/08/21 22:22	104-51-8	
n-Propylbenzene	**57.6**	ug/L	1.0	1		06/08/21 22:22	103-65-1	
o-Xylene	**1030**	ug/L	20.0	20		06/10/21 01:25	95-47-6	
p-Isopropyltoluene	**4.3**	ug/L	1.0	1		06/08/21 22:22	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/21 22:22	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/08/21 22:22	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	98	%	70-123	1		06/08/21 22:22	17060-07-0	
4-Bromofluorobenzene (S)	102	%	66-119	1		06/08/21 22:22	460-00-4	
Toluene-d8 (S)	123	%	82-121	1		06/08/21 22:22	2037-26-5	S0

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: MW-4 **Lab ID: 70175263003** Collected: 05/28/21 09:22 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**95.9**	ug/L	1.0	1		06/09/21 19:49	95-63-6	D6
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 19:49	108-67-8	
Benzene	**16.4**	ug/L	1.0	1		06/09/21 19:49	71-43-2	D6
Ethylbenzene	**40.4**	ug/L	1.0	1		06/09/21 19:49	100-41-4	
Isopropylbenzene (Cumene)	**43.6**	ug/L	1.0	1		06/09/21 19:49	98-82-8	D6
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/09/21 19:49	1634-04-4	
Naphthalene	**4.3**	ug/L	1.0	1		06/09/21 19:49	91-20-3	
Toluene	**2.1**	ug/L	1.0	1		06/09/21 19:49	108-88-3	
Xylene (Total)	**23.2**	ug/L	3.0	1		06/09/21 19:49	1330-20-7	
m&p-Xylene	**10.9**	ug/L	2.0	1		06/09/21 19:49	179601-23-1	
n-Butylbenzene	**11.8**	ug/L	1.0	1		06/09/21 19:49	104-51-8	
n-Propylbenzene	**106**	ug/L	1.0	1		06/09/21 19:49	103-65-1	D6
o-Xylene	**12.3**	ug/L	1.0	1		06/09/21 19:49	95-47-6	
p-Isopropyltoluene	**1.7**	ug/L	1.0	1		06/09/21 19:49	99-87-6	
sec-Butylbenzene	**11.8**	ug/L	1.0	1		06/09/21 19:49	135-98-8	D6
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 19:49	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	84	%	70-123	1		06/09/21 19:49	17060-07-0	
4-Bromofluorobenzene (S)	92	%	66-119	1		06/09/21 19:49	460-00-4	
Toluene-d8 (S)	94	%	82-121	1		06/09/21 19:49	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: MW-9 **Lab ID: 70175263004** Collected: 05/28/21 09:05 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	95-63-6	
1,3,5-Trimethylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	108-67-8	
Benzene	**12.9**	ug/L	1.0	1		06/09/21 20:07	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	100-41-4	
Isopropylbenzene (Cumene)	**17.9**	ug/L	1.0	1		06/09/21 20:07	98-82-8	
Methyl-tert-butyl ether	**1.2**	ug/L	1.0	1		06/09/21 20:07	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	91-20-3	
Toluene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	108-88-3	
Xylene (Total)	**<3.0**	ug/L	3.0	1		06/09/21 20:07	1330-20-7	
m&p-Xylene	**<2.0**	ug/L	2.0	1		06/09/21 20:07	179601-23-1	
n-Butylbenzene	**2.8**	ug/L	1.0	1		06/09/21 20:07	104-51-8	
n-Propylbenzene	**28.2**	ug/L	1.0	1		06/09/21 20:07	103-65-1	
o-Xylene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	99-87-6	
sec-Butylbenzene	**4.4**	ug/L	1.0	1		06/09/21 20:07	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:07	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	87	%	70-123	1		06/09/21 20:07	17060-07-0	
4-Bromofluorobenzene (S)	96	%	66-119	1		06/09/21 20:07	460-00-4	
Toluene-d8 (S)	95	%	82-121	1		06/09/21 20:07	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: SVE-1 **Lab ID: 70175263005** Collected: 05/28/21 09:38 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**12.0**	ug/L	1.0	1		06/09/21 20:26	95-63-6	
1,3,5-Trimethylbenzene	**3.5**	ug/L	1.0	1		06/09/21 20:26	108-67-8	
Benzene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	71-43-2	
Ethylbenzene	**3.8**	ug/L	1.0	1		06/09/21 20:26	100-41-4	
Isopropylbenzene (Cumene)	**<1.0**	ug/L	1.0	1		06/09/21 20:26	98-82-8	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		06/09/21 20:26	1634-04-4	
Naphthalene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	91-20-3	
Toluene	**1.8**	ug/L	1.0	1		06/09/21 20:26	108-88-3	
Xylene (Total)	**20.0**	ug/L	3.0	1		06/09/21 20:26	1330-20-7	
m&p-Xylene	**14.1**	ug/L	2.0	1		06/09/21 20:26	179601-23-1	
n-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	104-51-8	
n-Propylbenzene	**2.1**	ug/L	1.0	1		06/09/21 20:26	103-65-1	
o-Xylene	**5.9**	ug/L	1.0	1		06/09/21 20:26	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:26	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		06/09/21 20:26	17060-07-0	
4-Bromofluorobenzene (S)	98	%	66-119	1		06/09/21 20:26	460-00-4	
Toluene-d8 (S)	98	%	82-121	1		06/09/21 20:26	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(631)694-3040

ANALYTICAL RESULTS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Sample: SVE-4 **Lab ID: 70175263006** Collected: 05/28/21 08:51 Received: 06/02/21 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260C Volatile Organics	Analytical Method: EPA 8260C/5030C Pace Analytical Services - Melville							
1,2,4-Trimethylbenzene	**7.0**	ug/L	1.0	1		06/09/21 20:45	95-63-6	
1,3,5-Trimethylbenzene	**3.3**	ug/L	1.0	1		06/09/21 20:45	108-67-8	
Benzene	**184**	ug/L	1.0	1		06/09/21 20:45	71-43-2	
Ethylbenzene	**13.4**	ug/L	1.0	1		06/09/21 20:45	100-41-4	
Isopropylbenzene (Cumene)	**11.5**	ug/L	1.0	1		06/09/21 20:45	98-82-8	
Methyl-tert-butyl ether	**2.6**	ug/L	1.0	1		06/09/21 20:45	1634-04-4	
Naphthalene	**5.3**	ug/L	1.0	1		06/09/21 20:45	91-20-3	
Toluene	**14.8**	ug/L	1.0	1		06/09/21 20:45	108-88-3	
Xylene (Total)	**39.6**	ug/L	3.0	1		06/09/21 20:45	1330-20-7	
m&p-Xylene	**33.4**	ug/L	2.0	1		06/09/21 20:45	179601-23-1	
n-Butylbenzene	**1.6**	ug/L	1.0	1		06/09/21 20:45	104-51-8	
n-Propylbenzene	**20.1**	ug/L	1.0	1		06/09/21 20:45	103-65-1	
o-Xylene	**6.2**	ug/L	1.0	1		06/09/21 20:45	95-47-6	
p-Isopropyltoluene	**<1.0**	ug/L	1.0	1		06/09/21 20:45	99-87-6	
sec-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:45	135-98-8	
tert-Butylbenzene	**<1.0**	ug/L	1.0	1		06/09/21 20:45	98-06-6	
Surrogates								
1,2-Dichloroethane-d4 (S)	90	%	70-123	1		06/09/21 20:45	17060-07-0	
4-Bromofluorobenzene (S)	101	%	66-119	1		06/09/21 20:45	460-00-4	
Toluene-d8 (S)	99	%	82-121	1		06/09/21 20:45	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

QC Batch: 212488
QC Batch Method: EPA 8260C/5030C
Analysis Method: EPA 8260C/5030C
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70175263001, 70175263002

METHOD BLANK: 1065414 Matrix: Water
Associated Lab Samples: 70175263001, 70175263002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
Benzene	ug/L	<1.0	1.0	06/08/21 15:23	
Ethylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/08/21 15:23	
m&p-Xylene	ug/L	<2.0	2.0	06/08/21 15:23	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/08/21 15:23	
n-Butylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
n-Propylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
Naphthalene	ug/L	<1.0	1.0	06/08/21 15:23	
o-Xylene	ug/L	<1.0	1.0	06/08/21 15:23	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/08/21 15:23	
sec-Butylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
tert-Butylbenzene	ug/L	<1.0	1.0	06/08/21 15:23	
Toluene	ug/L	<1.0	1.0	06/08/21 15:23	
Xylene (Total)	ug/L	<3.0	3.0	06/08/21 15:23	
1,2-Dichloroethane-d4 (S)	%	104	70-123	06/08/21 15:23	
4-Bromofluorobenzene (S)	%	114	66-119	06/08/21 15:23	
Toluene-d8 (S)	%	117	82-121	06/08/21 15:23	

LABORATORY CONTROL SAMPLE: 1065415

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	53.1	106	72-117	
1,3,5-Trimethylbenzene	ug/L	50	54.4	109	69-117	
Benzene	ug/L	50	54.7	109	73-121	
Ethylbenzene	ug/L	50	50.5	101	70-120	
Isopropylbenzene (Cumene)	ug/L	50	56.1	112	70-116	
m&p-Xylene	ug/L	100	101	101	73-120	
Methyl-tert-butyl ether	ug/L	50	41.1	82	73-124	
n-Butylbenzene	ug/L	50	56.9	114	66-126	
n-Propylbenzene	ug/L	50	55.2	110	69-119	
Naphthalene	ug/L	50	45.0	90	55-129	
o-Xylene	ug/L	50	51.9	104	74-119	
p-Isopropyltoluene	ug/L	50	55.6	111	70-121	
sec-Butylbenzene	ug/L	50	55.3	111	68-120	
tert-Butylbenzene	ug/L	50	53.6	107	72-115	
Toluene	ug/L	50	50.7	101	77-120	
Xylene (Total)	ug/L	150	153	102	73-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

LABORATORY CONTROL SAMPLE: 1065415

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			104	70-123	
4-Bromofluorobenzene (S)	%			115	66-119	
Toluene-d8 (S)	%			117	82-121	

MATRIX SPIKE SAMPLE: 1067088

Parameter	Units	70175260002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<1.0	50	46.0	92	66-122	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	45.5	91	67-119	
Benzene	ug/L	<1.0	50	54.5	109	74-126	
Ethylbenzene	ug/L	<1.0	50	49.2	98	67-126	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	48.8	98	66-120	
m&p-Xylene	ug/L	<2.0	100	98.1	98	68-127	
Methyl-tert-butyl ether	ug/L	<1.0	50	52.0	104	60-127	
n-Butylbenzene	ug/L	<1.0	50	36.8	74	65-129	
n-Propylbenzene	ug/L	<1.0	50	45.8	92	62-127	
Naphthalene	ug/L	<1.0	50	42.3	85	56-129	
o-Xylene	ug/L	<1.0	50	51.3	103	66-129	
p-Isopropyltoluene	ug/L	<1.0	50	40.2	80	66-125	
sec-Butylbenzene	ug/L	<1.0	50	39.7	79	66-127	
tert-Butylbenzene	ug/L	<1.0	50	42.8	86	68-121	
Toluene	ug/L	<1.0	50	50.4	101	76-124	
Xylene (Total)	ug/L	<3.0	150	149	100	69-125	
1,2-Dichloroethane-d4 (S)	%				103	70-123	
4-Bromofluorobenzene (S)	%				114	66-119	
Toluene-d8 (S)	%				118	82-121	

SAMPLE DUPLICATE: 1067086

Parameter	Units	70175261002 Result	Dup Result	RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	119	99.7	18	
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
Benzene	ug/L	18.2	18.3	0	
Ethylbenzene	ug/L	346	309	11	E
Isopropylbenzene (Cumene)	ug/L	26.4	25.1	5	
m&p-Xylene	ug/L	21.4	18.7	13	
Methyl-tert-butyl ether	ug/L	2.9	2.3	22	D6
n-Butylbenzene	ug/L	2.2	2.3	2	
n-Propylbenzene	ug/L	59.3	56.9	4	
Naphthalene	ug/L	112	113	1	
o-Xylene	ug/L	9.9	8.9	11	
p-Isopropyltoluene	ug/L	<1.0	<1.0		
sec-Butylbenzene	ug/L	<1.0	<1.0		
tert-Butylbenzene	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

SAMPLE DUPLICATE: 1067086

Parameter	Units	70175261002 Result	Dup Result	RPD	Qualifiers
Toluene	ug/L	45.4	43.6	4	
Xylene (Total)	ug/L	31.3	27.6	13	
1,2-Dichloroethane-d4 (S)	%	104	99		
4-Bromofluorobenzene (S)	%	118	114		
Toluene-d8 (S)	%	119	117		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

QC Batch: 212780
QC Batch Method: EPA 8260C/5030C
Analysis Method: EPA 8260C/5030C
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70175263003, 70175263004, 70175263005, 70175263006

METHOD BLANK: 1067742 Matrix: Water
Associated Lab Samples: 70175263003, 70175263004, 70175263005, 70175263006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
1,3,5-Trimethylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
Benzene	ug/L	<1.0	1.0	06/09/21 18:35	
Ethylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
Isopropylbenzene (Cumene)	ug/L	<1.0	1.0	06/09/21 18:35	
m&p-Xylene	ug/L	<2.0	2.0	06/09/21 18:35	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	06/09/21 18:35	
n-Butylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
n-Propylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
Naphthalene	ug/L	<1.0	1.0	06/09/21 18:35	
o-Xylene	ug/L	<1.0	1.0	06/09/21 18:35	
p-Isopropyltoluene	ug/L	<1.0	1.0	06/09/21 18:35	
sec-Butylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
tert-Butylbenzene	ug/L	<1.0	1.0	06/09/21 18:35	
Toluene	ug/L	<1.0	1.0	06/09/21 18:35	
Xylene (Total)	ug/L	<3.0	3.0	06/09/21 18:35	
1,2-Dichloroethane-d4 (S)	%	88	70-123	06/09/21 18:35	
4-Bromofluorobenzene (S)	%	98	66-119	06/09/21 18:35	
Toluene-d8 (S)	%	98	82-121	06/09/21 18:35	

LABORATORY CONTROL SAMPLE: 1067743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	50.9	102	72-117	
1,3,5-Trimethylbenzene	ug/L	50	50.7	101	69-117	
Benzene	ug/L	50	51.9	104	73-121	
Ethylbenzene	ug/L	50	51.7	103	70-120	
Isopropylbenzene (Cumene)	ug/L	50	52.4	105	70-116	
m&p-Xylene	ug/L	100	100	100	73-120	
Methyl-tert-butyl ether	ug/L	50	44.4	89	73-124	
n-Butylbenzene	ug/L	50	54.7	109	66-126	
n-Propylbenzene	ug/L	50	53.5	107	69-119	
Naphthalene	ug/L	50	54.3	109	55-129	
o-Xylene	ug/L	50	52.6	105	74-119	
p-Isopropyltoluene	ug/L	50	53.1	106	70-121	
sec-Butylbenzene	ug/L	50	53.8	108	68-120	
tert-Butylbenzene	ug/L	50	51.0	102	72-115	
Toluene	ug/L	50	51.3	103	77-120	
Xylene (Total)	ug/L	150	153	102	73-120	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

LABORATORY CONTROL SAMPLE: 1067743

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			93	70-123	
4-Bromofluorobenzene (S)	%			100	66-119	
Toluene-d8 (S)	%			99	82-121	

MATRIX SPIKE SAMPLE: 1068761

Parameter	Units	70175232001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<1.0	50	51.1	102	66-122	
1,3,5-Trimethylbenzene	ug/L	<1.0	50	52.2	104	67-119	
Benzene	ug/L	<0.70	50	49.6	99	74-126	
Ethylbenzene	ug/L	<1.0	50	52.1	104	67-126	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	53.8	108	66-120	
m&p-Xylene	ug/L	<2.0	100	103	103	68-127	
Methyl-tert-butyl ether	ug/L	<1.0	50	41.1	82	60-127	
n-Butylbenzene	ug/L	<1.0	50	51.1	102	65-129	
n-Propylbenzene	ug/L	<1.0	50	53.7	107	62-127	
Naphthalene	ug/L	<1.0	50	53.8	108	56-129	
o-Xylene	ug/L	2.6	50	54.9	105	66-129	
p-Isopropyltoluene	ug/L	<1.0	50	52.4	105	66-125	
sec-Butylbenzene	ug/L	<1.0	50	52.6	105	66-127	
tert-Butylbenzene	ug/L	<1.0	50	52.1	104	68-121	
Toluene	ug/L	1.4	50	51.7	101	76-124	
Xylene (Total)	ug/L	<3.0	150	158	103	69-125	
1,2-Dichloroethane-d4 (S)	%				86	70-123	
4-Bromofluorobenzene (S)	%				99	66-119	
Toluene-d8 (S)	%				99	82-121	

SAMPLE DUPLICATE: 1068759

Parameter	Units	70175263003 Result	Dup Result	RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	95.9	75.9	23	D6
1,3,5-Trimethylbenzene	ug/L	<1.0	<1.0		
Benzene	ug/L	16.4	13.3	21	D6
Ethylbenzene	ug/L	40.4	43.3	7	
Isopropylbenzene (Cumene)	ug/L	43.6	29.2	40	D6
m&p-Xylene	ug/L	10.9	12.7	15	
Methyl-tert-butyl ether	ug/L	<1.0	<1.0		
n-Butylbenzene	ug/L	11.8	11.1	6	
n-Propylbenzene	ug/L	106	69.5	41	D6
Naphthalene	ug/L	4.3	5.1	18	
o-Xylene	ug/L	12.3	14.2	14	
p-Isopropyltoluene	ug/L	1.7	1.7	1	
sec-Butylbenzene	ug/L	11.8	9.5	22	D6
tert-Butylbenzene	ug/L	<1.0	<1.0		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
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QUALITY CONTROL DATA

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

SAMPLE DUPLICATE: 1068759

Parameter	Units	70175263003 Result	Dup Result	RPD	Qualifiers
Toluene	ug/L	2.1	2.0	7	
Xylene (Total)	ug/L	23.2	26.8	15	
1,2-Dichloroethane-d4 (S)	%	84	81		
4-Bromofluorobenzene (S)	%	92	101		
Toluene-d8 (S)	%	94	96		

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REPORT OF LABORATORY ANALYSIS

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(631)694-3040

QUALIFIERS

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
S0	Surrogate recovery outside laboratory control limits.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SPEEDWAY# 7822 - 5/28
Pace Project No.: 70175263

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
70175263001	**MW-12**	EPA 8260C/5030C	212488		
70175263002	**MW-2**	EPA 8260C/5030C	212488		
70175263003	**MW-4**	EPA 8260C/5030C	212780		
70175263004	**MW-9**	EPA 8260C/5030C	212780		
70175263005	**SVE-1**	EPA 8260C/5030C	212780		
70175263006	**SVE-4**	EPA 8260C/5030C	212780		

WO# : 70175263

70175263

Chain-of-Custody-Record

COC ID # 00055066

TURN AROUND TIME
STANDARD

Speedway Project Information

Speedway Store #:	C210007822	**Facility ID**	2-297453
Address:	401 W 207th St		
City:	New York	**State:**	NY
Phone #:		**Fax #:**	
Speedway Proj. Mgr:	Sam Kramer	****INVOICE TO SPEEDWAY****	
AFE #:	150349	**Work Order #:**	1100686547

Lab Information

Lab:	Pace Analytical Services (NY)		
Consultant:	EnviroTrac Ltd - Yaphank, NY		
Project Mgr:	Joe Rennie		
Address:			
Phone #:		**Fax #:**	
Sampler:	Victor Cardoza		
Shipped:	Pickup		
Tracking #:	Pace courier		

Sample ID	Date/Time Sampled	Matrix	Count	Container Type	Preservative	Analysis to be Performed	Method	Remarks
MW-12	05/28/2021 08:37am	W	2	VOA	HCL	VOC 8260 STARS	8260C	
MW-2	05/28/2021 09:53am	W	2	VOA	HCL	VOC 8260 STARS	8260C	
MW-4	05/28/2021 09:22am	W	2	VOA	HCL	VOC 8260 STARS	8260C	
MW-9	05/28/2021 09:05am	W	2	VOA	HCL	VOC 8260 STARS	8260C	
SVE-1	05/28/2021 09:38am	W	2	VOA	HCL	VOC 8260 STARS	8260C	
SVE-4	05/28/2021 08:51am	W	2	VOA	HCL	VOC 8260 STARS	8260C	

Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by laboratory:	Date	Time
Special Reporting Requirements:			Lab Notes:	Temp	

Chain of Custody Analysis to be Performed
COC ID # 55066

Analysis Name: VOC 8260 STARS (Water)

Analysis Description / Method: VOCs 8260 STARS List / 8260C

Container Type / Preservative: VOA / HCL

Analytes: 1,2,4-Trimethylbenzene ug/L, 1,3,5-Trimethylbenzene ug/L, Benzene ug/L, Ethylbenzene ug/L, Isopropylbenzene ug/L, Methyl tert butyl ether ug/L, Naphthalene ug/L, Toluene ug/L, Total Xylenes ug/L, m,p-Xylene ug/L, n-Butylbenzene ug/L, n-Propylbenzene ug/L, o-Xylene ug/L, p-Isopropyltoluene ug/L, sec-Butylbenzene ug/L, tert-Butylbenzene ug/L

WO# : 70175263

PM: JL1 **Due Date: 06/14/21**

CLIENT: SPDWY ENVIRO

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be con

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	EnviroTrac Ltd.	Report To:	edr@envirotrac.com	Attention:	
Address:	5 Old Dock Road	Copy To:		Company Name:	
	Yaphank, NY 11980			Address:	
Email To:	edr@envirotrac.com	Purchase Order No.:		Pace Quote Reference:	
Phone:	631-924-3001 Fax:	Project Name:	Inwood	Pace Project Manager:	
Requested Due Date/TAT:	Standard	Project Number:	Speedway #7822	Pace Profile #:	

REGULATORY AGENCY

NPDES (GROUND WATER) DRINKING WATER

UST RCRA OTHER _____

Site Location STATE: NY

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 VOC STARs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2	WT	G			5-28-21	0953		2				2						X		
2	MW-4	WT	G			5-28-21	0922		2				2						X		
3	MW-9	WT	G			5-28-21	0905		2				2						X		
4	MW-12	WT	G			5-28-21	0857		2				2						X		
5	SVE-1	WT	G			5-28-21	0934		2				2						X		
6	SVE-4	WT	G			5-28-21	0851		2				2						X		
7																					
8																					
9																					
10																					
11																					
12																					

Valid Matrix Codes

MATRIX	CODE
DRINKING WATLR	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		5-28-21	1630	ET Fridge	5/28/21	1630	
	ET Fridge	6/2/21	1000	Cupboard Bake	6/2/21	1000	
	Cupboard Bake	6/2/21	1000		6/2/21	11:55	
		6/2/21	1630	PACE-U	6/2/21	16:30	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Victor A. CARDONA

SIGNATURE of SAMPLER: _____ DATE Signed (MM/DD/YY): 05/28/21

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Sample Condition Upon Receipt

Pace Analytical®

WO#: 70175263

PM: JL1 **Due Date: 06/14/21**

CLIENT: SPDWY ENVIRO

Client Name: EnviroTrac Projec

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☑ Yes ☐ No Seals intact: ☑ Yes ☐ No

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ Ziploc ☐ None ☐ Other

Thermometer Used: TH091 ✓ Correction Factor: +0.0

Cooler Temperature(°C): 2.1 Cooler Temperature Corrected(°C): 2.1

Temp should be above freezing to 6.0°C

USDA Regulated Soil (☑ N/A, water sample)

Temperature Blank Present: ☑ Yes ☐ No

Type of Ice: Wet Blue None

☑ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: II 6/2/21 1630

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present:	☑ Yes	☐ No		1.
Chain of Custody Filled Out:	☑ Yes	☐ No		2.
Chain of Custody Relinquished:	☑ Yes	☐ No		3.
Sampler Name & Signature on COC:	☑ Yes	☐ No	☐ N/A	4.
Samples Arrived within Hold Time:	☑ Yes	☐ No		5.
Short Hold Time Analysis (<72hr):	☐ Yes	☑ No		6.
Rush Turn Around Time Requested:	☐ Yes	☑ No		7.
Sufficient Volume: (Triple volume provided for	☑ Yes	☐ No		8.
Correct Containers Used:	☑ Yes	☐ No		9.
-Pace Containers Used:	☑ Yes	☐ No		
Containers Intact:	☑ Yes	☐ No		10.
Filtered volume received for Dissolved tests	☐ Yes	☐ No	☑ N/A	11. Note if sediment is visible in the dissolved container.
Sample Labels match COC:	☑ Yes	☐ No		12.
-Includes date/time/ID, Matrix: SL WT OIL				
All containers needing preservation have been checked?	☐ Yes	☐ No	☑ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH ☐ HCl
pH paper Lot #				Sample #
All containers needing preservation are found to be in compliance with method recommendation? (HNO_3, H_2SO_4, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	
Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water).				Initial when completed: / Lot # of added preservative: / Date/Time preservative added:
Per Method, VOA pH is checked after analysis				
Samples checked for dechlorination:	☐ Yes	☐ No	☑ N/A	14.
KI starch test strips Lot #				Positive for Res. Chlorine? Y N
Residual chlorine strips Lot #				
SM 4500 CN samples checked for sulfide?	☐ Yes	☐ No	☑ N/A	15.
Lead Acetate Strips Lot #				
Headspace in VOA Vials (>6mm):	☐ Yes	☑ No	☐ N/A	16.
Trip Blank Present:	☐ Yes	☑ No	☐ N/A	17.
Trip Blank Custody Seals Present	☐ Yes	☐ No	☑ N/A	
Pace Trip Blank Lot # (if applicable):				

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.