October 21, 2016

Ms. Veronica Zhune
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 #16-06459
Speedway #7825
122 W. 145th Street
New York, NY

Dear Ms. Zhune,

Please find enclosed the Tank System Closure Report for the above referenced location.

If you have any questions regarding this report, please do not hesitate to contact me at (631) 924-3001 or Matt Butler of Speedway at (732) 738-2924.

Sincerely,

Joseph Rennie
Project Manager

cc: Matt Butler (Speedway)
Hiralkumar Patel (NYSDEC)
Ed Russo (EnviroTrac)

Tank System Closure Report

Speedway # 7825
122 W. 145th Street
New York, NY
NYSDEC Spill # 16-06459

October 2016

Prepared for:

Speedway LLC
500 Speedway Drive
Enon, OH 45323

Prepared by:

EnviroTrac Ltd.
5 Old Dock Road
Yaphank, NY 11980

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1.0 SUMMARY

From September 26, 2016 through October 5, 2016, station divestment activities were completed for this location. Work performed included the removal of five (5) 4,000-gallon gasoline double-walled fiberglass underground storage tanks (USTs), one (1) 550-gallon waste-water double-walled fiberglass UST, five (5) dispensers islands, and associated product line piping and vent lines. Construction was completed by Island Pump and Tank Corp. of East Northport, New York. Photo-documentation of site activities is provided in **Appendix A** and an aerial photograph is provided as **Figure 1**.

Following equipment removal, soils from within the excavations were screened visually and with a photoionization detector (PID) for volatile organic compounds (VOCs). Upon removal of soils from the excavations, endpoint samples were collected and analyzed in accordance with New York State Department of Environmental Conservation (NYSDEC) Commissioner Policy 51 (CP-51). All samples collected during site activities were submitted to Pace Laboratories of Greensburg, PA. Laboratory reports are provided in **Appendix B**.

2.0 REMOTE FILLS, GASOLINE AND WASTE-WATER USTs

Between September 26 and October 5, 2016, five (5) 4,000-gallon gasoline double-walled fiberglass USTs and one (1) 550-gallon waste-water double-walled fiberglass were excavated and staged onsite for approved disposal. The bottom concrete slab remained in-place. The USTs appeared in good condition, with no visible holes observed. Photo-documentation is provided in **Appendix A** and the Certificate of Destruction for the tanks is provided in **Appendix C**. The location of the UST excavation is depicted in **Figure 2**.

2.1 Endpoint Samples

Between September 27 and September 29, 2016, sidewall soil samples from within the UST excavation were collected. Samples were collected from the north, south, and west sidewalls of the excavation at approximately 8 feet below grade. PID readings of sidewall samples were recorded and ranged from non-detect (ND) to 0.8 parts per million (ppm). In addition, there was no evidence of petroleum impact observed around the tanks. Also on September 29, 2016, the UST remote fills were removed. The remote fills were located adjacent and to the east of the former USTs. PID readings from the soils excavated below the remote fill ranged from non-detect to 401 ppm. As a result of the elevated PID reading, the New York State Spills Hotline was called and Spill #16-06459 was generated. Subsequent to the spill notification, a NYSDEC case manager called to obtain details of the spill incident. It was mentioned to the NYSDEC case manager that the release appeared historic and that the site had two (2) closed NYSDEC spill numbers. The impacted soils were removed and as a result the UST excavation east sidewall was over excavated. Impacted soils were staged on-site, placed on polyethylene sheeting and covered with same. After over excavating the sidewall, PID readings ranged from ND to 0.3 ppm. Sidewall soil endpoint sampling results are summarized in **Tables 1 and 2**.

On September 30, 2016, five (5) bottom endpoint soil samples were collected beneath the 2 foot concrete slab at an approximate depth of 14 feet. Each location was broken out at the mid-point of the former 4,000-gallon gasoline UST location. PID readings of the bottom samples collected, beneath the concrete slab, ranged from 49.9 ppm to 1,625 ppm. Due to the location

of these samples, it appears that this is associated with an historic release which was previously closed, and is unrelated to the current UST system. Bottom soil endpoint sampling results are summarized in **Table 3**.

All samples were analyzed for VOCs via the EPA Method 8260 CP-51 List and for semi-volatile organic compounds (SVOCs) via the EPA Method 8270 CP-51 List. Copies of all laboratory reports are provided in **Appendix B**.

2.2 Sampling Results

Laboratory results indicated that VOCs were not detected or were detected below their respective CP-51 Soil Cleanup Objectives (SCOs) in the sidewall soil samples collected from the UST excavations. SVOCs were detected above their respective SCOs in nine (9) of the sidewall soil endpoint samples collected (SW-2, SW-3, SW-5, SW-6, SW-7, SW-10, SW-11, SW-12, and SW-15) from the main UST excavation. VOCs were detected above their respective SCOs in four (4) of the bottom endpoint soil samples (B-1, B-3, B-4, and B-5) from within the UST excavation. Alternatively, SVOCs were not detected or were detected below their respective SCOs in the bottom endpoint soil samples. These exceedances appear to be historic and related to anthropogenic fill contaminants as opposed to a petroleum release. Sidewall and bottom soil endpoint sampling results are summarized in **Tables 1 through 3** and copies of the laboratory reports are provided in **Appendix B**.

3.0 DISPENSER ISLANDS AND PRODUCT LINE PIPING

On September 27 through September 29, 2016 and on October 3 and 4, 2016, all product dispenser islands along with dispensers and associated product lines were removed. Locations of the former dispensers and associated product lines are depicted in **Figure 2**.

3.1 Endpoint Samples

On September 27 through September 29, 2016 and on October 3 and 4, 2016 soil samples were collected from the locations of the former dispenser islands (DI-1 through DI-5) and from the former product lines (PL-1 through PL-16) in 15 foot increments from approximately 3 feet below grade. Soil was screened using a PID and readings ranged from ND to 47.8 ppm. Impacted soil was excavated to the extent practicable and removed from site. Sample locations are depicted in **Figure 2.**

All samples were analyzed for VOCs via the EPA Method 8260 CP-51 List and SVOCs via the EPA Method 8270 CP-51 List.

3.2 Sampling Results

Laboratory results indicated that VOCs and SVOCs were not detected or were detected below their respective SCOs in all of the dispenser island soil samples collected. VOCs were not detected or were detected below their respective SCOs in all of the product line soil samples analyzed. SVOCs were detected above their respective SCOs in product line samples PL-2, PL-4, PL-7, PL-12, PL-13, and PL-14. These exceedances appear to be historic and related to anthropogenic fill contaminants as opposed to a petroleum release. Soil endpoint sampling results from beneath product lines and dispenser islands are summarized in **Tables 4, 5, and 6** and copies of the laboratory reports are provided in **Appendix B**.

4.0 WASTE MANAGEMENT

- A total of 135.46 tons of pea gravel and soil was removed from the site. The soil was transported to Clean Earth of Carteret, New Jersey. In addition, one (1) 55-gallon DOT drum of tank bottom sludge was removed from the site and transported by Clean Venture, Inc., Elizabeth, NJ and transported to Cycle Chem, Elizabeth, NJ for disposal. Copies of the manifests for the soil are provided in **Appendix D**.

5.0 CONCLUSIONS

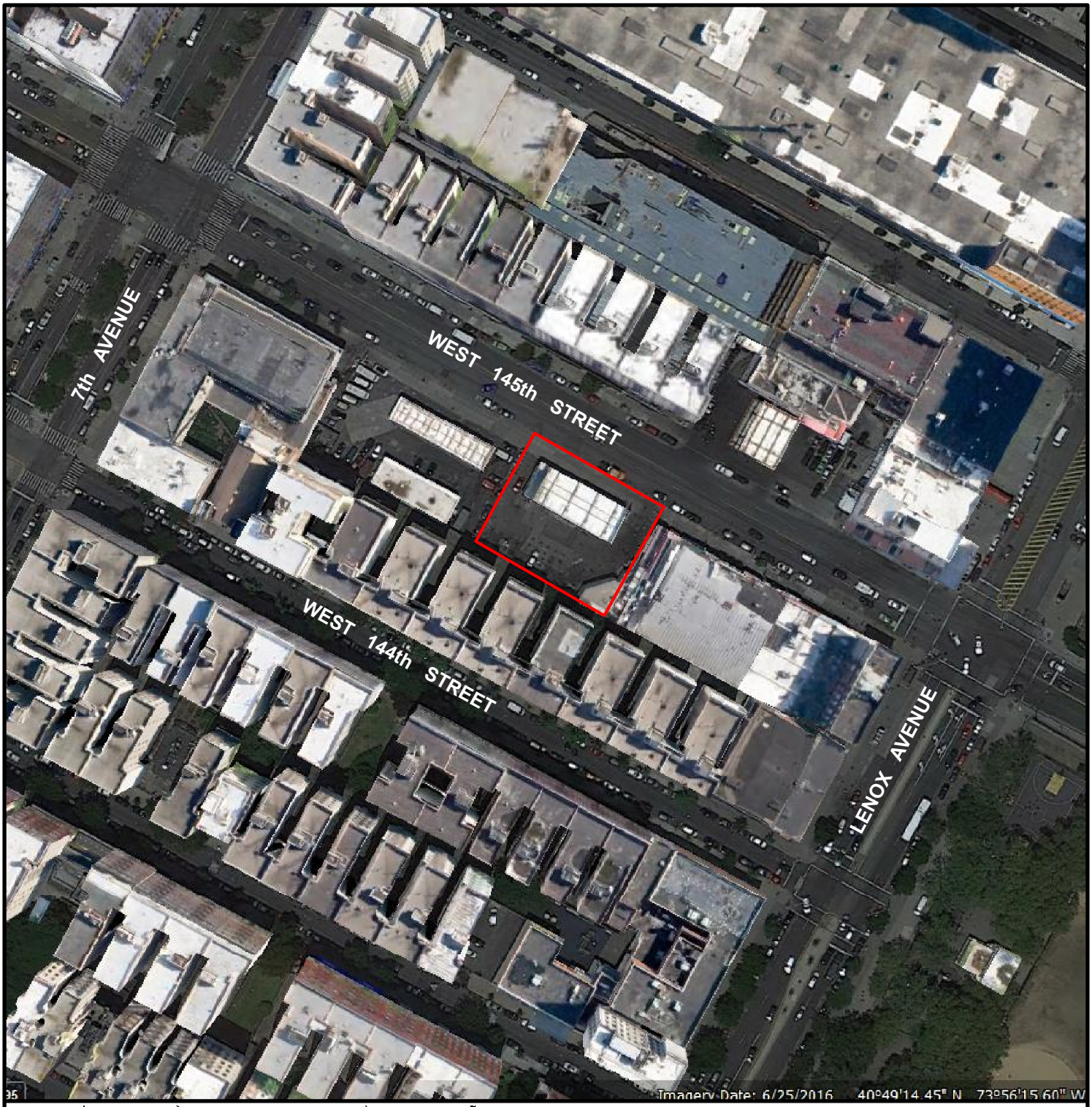
- Five (5) 4,000-gallon gasoline double-walled fiberglass USTs were excavated, cleaned, crushed and removed from the site for disposal.
- One (1) 550-gallon waste-water double-walled fiberglass UST was excavated, cleaned, crushed and removed from the site for disposal.
- VOCs were either not detected or were detected below their respective NYSDEC CP-51 SCOs in all UST excavation sidewall samples and areas of former product lines and dispenser islands.
- VOCs were detected above their respective NYSDEC CP-51 SCOs in bottom endpoint soil samples B-1, B-3, B-4, and B-5 collected beneath a 2 foot concrete slab at an approximate depth of 14 feet.
- SVOCs were detected above their respective NYSDEC CP-51 SCOs in sidewall soil samples SW-2, SW-3, SW-5, SW-6, SW-7, SW-10, SW-11, SW-12, and SW-15 collected from the main UST excavation.
- SVOCs were detected above their respective NYSDEC CP-51 SCOs in product line endpoint soil samples PL-2, PL-4, PL-7, PL-12, PL-13, and PL-14.
- VOCs were either not detected or were detected below their respective NYS Part 375 Restricted SCOs for Commercial Properties in all UST excavation sidewall, UST bottom, product lines, and dispenser islands endpoint samples.
- SVOCs were detected above their respective NYS Part 375 Restricted SCOs for Commercial Properties in sidewall soil samples SW-2, SW-3, SW-5, SW-6, SW-7, SW-12, and SW-15 which were collected from the main UST excavation.
- SVOCs were detected above their respective NYS Part 375 Restricted SCOs for Commercial Properties in product line endpoint soil samples PL-2, PL-4, PL-7, and PL-13.
- 135.46 tons of petroleum impacted pea gravel/soil was removed from the site and disposed at Clean Earth of Carteret, Carteret, New Jersey.
- One (1) 55-gallon DOT drum of tank bottom sludge was removed from the site and transported by Clean Venture, Inc., Elizabeth, NJ and transported to Cycle Chem, Elizabeth, NJ for disposal.

As per NYS CP-51 SCOs, VOC and SVOC soil exceedances were detected in the UST bottom endpoint soil samples B-1, B-3, B-4, and B-5; UST sidewall endpoint samples SW-2, SW-3, SW-5, SW-6, SW-7, SW-10, SW-11, SW-12, SW-15; and product line endpoint samples PL-2, PL-4, PL-7, PL-12, PL-13, and PL-14.

For commercial property usage and comparing the SCOs to NYS Part 375 Restricted SCOs for Commercial properties, only SVOC soil exceedances were detected in the UST sidewall endpoint samples SW-2, SW-3, SW-5, SW-6, SW-7, SW-12, and SW-15; and product line endpoint samples PL-2, PL-4, PL-7, and PL-13. All samples had minimal impacts except for sample SW-3, which is a localized area. Soil endpoint sampling results from the UST sidewalls, UST bottom, from beneath product lines and dispenser islands are summarized in Tables 7 through 12.

Based on the endpoint analyses, the impacts in the soil exceedances for NYS CP-51 SCOs and NYS Part 375 Restricted SCOs for Commercial properties appear to be historic and related to anthropogenic fill contaminants as opposed to a petroleum release from the current tank system. The site was monitored under NYSDEC Spill # 92-12043 and the spill was closed in April 2004. As a result, it is respectfully requested that NYSDEC Spill #16-06459 be closed.

Figures



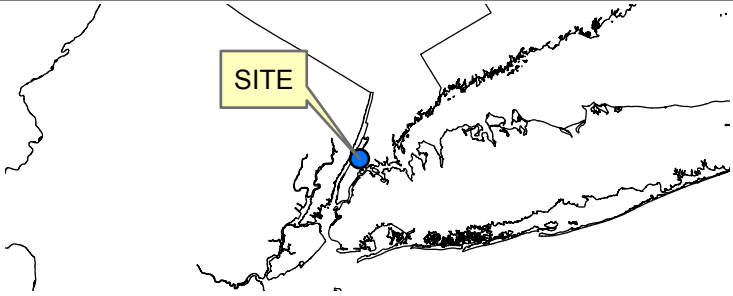
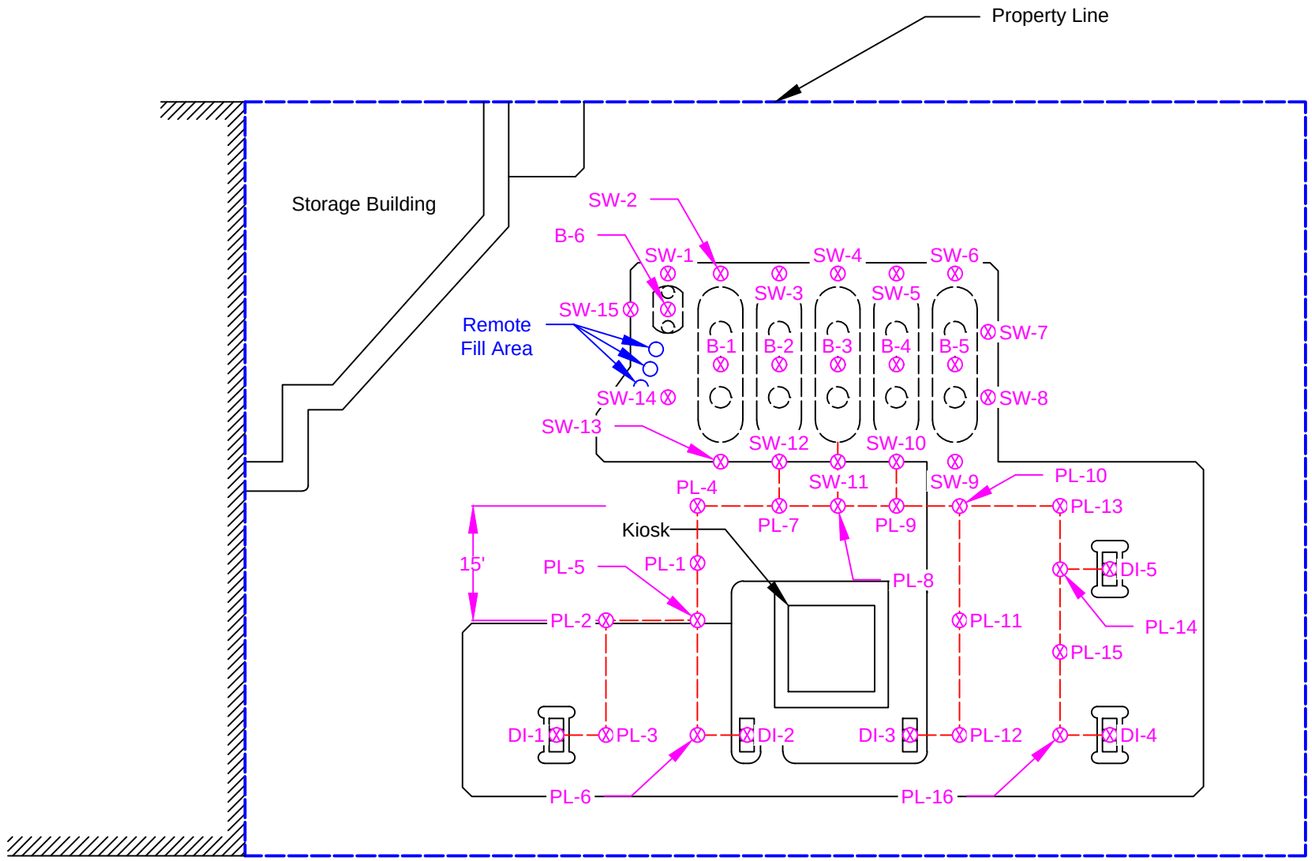


FIGURE #	SITE LOCATION MAP	DRAWN BY: B.S.	EnviroTrac ENVIRONMENTAL SERVICES
1	SPEEDWAY #7825 122 WEST 145th STREET NEW YORK, NEW YORK	DATE: 10/17/2016	5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924-3001 FAX: (631)924-5001



West 145th Street

Legend:
⊗ Endpoint Sample Location

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

0 10' 20'

Revision Date:	Scale:	Revised by:
Oct. 11, 2016	1" = 20'	NC

Speedway #7825
122 W. 145th Street
New York, NY

Site Plan with Endpoint Sample Locations

Figure # 2

Tables

Table 1
Summary of Soil Quality Data in UST Excavation Sidewall Endpoint Samples for VOCS and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5,900
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	930
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,900
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	8,400
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	260

SVOCs

Analytical Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	ND	273	5,950	ND	135	109	ND	ND	20,000
Acenaphthylene	ND	ND	173	ND	ND	ND	419	ND	100,000
Anthracene	78.4	718	12,800	102	359	373	488	ND	100,000
Benzo(a)anthracene	204	**1,550**	**30,400**	477	**1,390**	**1,970**	**2,050**	234	1,000
Benzo(a)pyrene	167	**1,410**	**26,000**	492	**1,410**	**2,070**	**2,010**	221	1,000
Benzo(b)fluoranthene	319	**2,390**	**47,000**	960	**2,030**	**3,770**	**3,300**	402	1,000
Benzo(g,h,i)perylene	ND	423	7,490	194	643	927	1,170	127	100,000
Benzo(k)fluoranthene	247	705	**36,300**	741	609	**2,910**	**960**	311	800
Chrysene	210	**1,420**	**27,900**	458	**1,290**	**1,810**	**2,120**	193	1,000
Dibenz(a,h)anthracene	ND	138	**2,820**	ND	207	268	**365**	ND	330
Fluoranthene	368	3,680	79,800	931	2,790	3,820	4,260	353	100,000
Fluorene	ND	208	5,170	ND	72.0	ND	80.1	ND	30,000
Indeno(1,2,3-cd)pyrene	ND	400	**7,610**	175	**582**	**827**	**1,060**	108	500
Naphthalene	ND	ND	781	ND	ND	ND	96.2	ND	12,000
Phenanthrene	532	2,640	64,400	372	1,330	1,380	2,190	127	100,000
Pyrene	528	3,270	66,900	895	2,610	3,740	3,550	365	100,000

Notes:
Samples collected on 9/27/2016 - 9/30/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 2
Summary of Soil Quality Data in UST Excavation Sidewall Endpoint Samples for VOCS and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	ND	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	5,900
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	1,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	930
Naphthalene	ND	ND	ND	ND	7.9	ND	40.8	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	3,900
Toluene	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	130	ND	8,400
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	260
o-Xylene	ND	ND	ND	ND	ND	18.1	ND	260
Xylene (total)	ND	ND	ND	ND	ND	18.1	ND	260

SVOCs

Analytical Parameter	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	ND	180	ND	ND	ND	144	12,200	20,000
Acenaphthylene	ND	ND	83.2	82.8	ND	ND	966	100,000
Anthracene	145	392	207	496	112	94.6	22,900	100,000
Benzo(a)anthracene	505	900	705	**1,630**	331	109	**66,000**	1,000
Benzo(a)pyrene	507	738	760	**1,610**	368	84.9	**51,800**	1,000
Benzo(b)fluoranthene	756	**1,550**	**1,580**	**3,400**	522	142	**101,000**	1,000
Benzo(g,h,i)perylene	177	242	332	530	356	117	25,500	100,000
Benzo(k)fluoranthene	265	**1,200**	**1,220**	**2,620**	176	110	**78,100**	800
Chrysene	488	882	716	**1,450**	361	ND	**56,600**	1,000
Dibenz(a,h)anthracene	ND	81.9	87.5	168	78.6	ND	**10,300**	330
Fluoranthene	1,050	1,870	1,300	3,510	632	322	**141,000**	100,000
Fluorene	ND	142	ND	ND	ND	118	8,900	30,000
Indeno(1,2,3-cd)pyrene	159	213	260	493	241	80.0	**26,900**	500
Naphthalene	ND	ND	ND	90.1	ND	215	4,250	12,000
Phenanthrene	499	1,570	701	1,550	359	455	**116,000**	100,000
Pyrene	971	1,810	1,290	3,210	632	264	**118,000**	100,000

Notes:
Samples collected on 9/27/2016 - 9/30/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 3
Summary of Soil Quality Data in UST Excavation Bottom Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	B-1	B-2	B-3	B-4	B-5	B-6	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	5.4	ND	ND	ND	ND	60
n-Butylbenzene	6,800	1,020	2,050	6,870	9,650	ND	12,000
sec-Butylbenzene	2,860	149	724	2,850	3,660	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	5,900
Ethylbenzene	**14,400**	99.9	**1,550**	**2,500**	977	ND	1,000
Isopropylbenzene	**6,570**	269	1,440	**6,050**	**5,760**	ND	2,300
p-Isopropyltoluene	1,500	80.4	386	1,540	1,380	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	930
Naphthalene	**12,900**	3,470	5,680	6,670	**14,300**	ND	12,000
n-Propylbenzene	**31,500**	2,560	**5,290**	**19,200**	**20,300**	ND	3,900
Toluene	274	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	**5,830**	151	ND	ND	258	ND	3,600
1,3,5-Trimethylbenzene	1,420	72.2	ND	325	ND	ND	8,400
m,p-Xylene	**2,640**	40.5	ND	ND	**548**	ND	260
o-Xylene	**1,020**	18.7	ND	ND	ND	ND	260
Xylene (total)	**3,660**	59.2	ND	ND	**548**	ND	260

SVOCs

Analytical Parameter	B-1	B-2	B-3	B-4	B-5	B-6	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	453	345	765	588	714	ND	20,000
Acenaphthylene	122	48.2	115	260	150	ND	100,000
Anthracene	211	186	414	424	412	ND	100,000
Benzo(a)anthracene	146	96.5	275	448	275	ND	1,000
Benzo(a)pyrene	113	54.5	152	360	181	ND	1,000
Benzo(b)fluoranthene	251	126	376	662	371	ND	1,000
Benzo(g,h,i)perylene	91.9	36.2	92.1	297	132	ND	100,000
Benzo(k)fluoranthene	194	97.2	290	511	286	ND	800
Chrysene	143	93.5	255	426	288	ND	1,000
Dibenz(a,h)anthracene	26.0	10.9	ND	74.4	ND	ND	330
Fluoranthene	663	527	1,360	1,430	865	ND	100,000
Fluorene	384	333	618	555	489	ND	30,000
Indeno(1,2,3-cd)pyrene	67.9	26.5	ND	211	91.7	ND	500
Naphthalene	5,250	4,930	5,250	5,210	**16,800**	ND	12,000
Phenanthrene	1,230	1,020	2,230	1,890	1,290	ND	100,000
Pyrene	526	405	1,050	1,220	753	ND	100,000

Notes:
Samples collected on 9/30/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 4
Summary of Soil Quality Data in Dispenser Island Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	DI-1	DI-2	DI-3	DI-4	DI-5	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	5,900
Ethylbenzene	ND	ND	ND	ND	ND	1,000
Isopropylbenzene	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	930
Naphthalene	ND	ND	ND	ND	ND	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	3,900
Toluene	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	8,400
m,p-Xylene	ND	ND	ND	ND	ND	260
o-Xylene	ND	ND	ND	ND	ND	260
Xylene (total)	ND	ND	ND	ND	ND	260

SVOCs

Analytical Parameter	DI-1	DI-2	DI-3	DI-4	DI-5	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	ND	ND	ND	ND	ND	20,000
Acenaphthylene	ND	133	122	ND	ND	100,000
Anthracene	ND	103	84.5	ND	104	100,000
Benzo(a)anthracene	194	224	244	148	489	1,000
Benzo(a)pyrene	185	291	320	211	510	1,000
Benzo(b)fluoranthene	343	660	644	295	993	1,000
Benzo(g,h,i)perylene	178	215	512	231	285	100,000
Benzo(k)fluoranthene	265	510	497	120	767	800
Chrysene	160	273	261	162	472	1,000
Dibenz(a,h)anthracene	ND	ND	94.2	ND	92.7	330
Fluoranthene	272	369	326	179	918	100,000
Fluorene	ND	ND	ND	ND	ND	30,000
Indeno(1,2,3-cd)pyrene	123	156	316	149	251	500
Naphthalene	ND	384	147	202	ND	12,000
Phenanthrene	134	242	182	85.0	374	100,000
Pyrene	268	319	325	188	848	100,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 5
Summary of Soil Quality Data in Product Line Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	PL-1	PL-2	PL-3	PL-4	PL-5	PL-6	PL-7	PL-8	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5,900
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	930
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,900
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	8,400
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	260

SVOCs

Analytical Parameter	PL-1	PL-2	PL-3	PL-4	PL-5	PL-6	PL-7	PL-8	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	ND	84.6	ND	291	ND	ND	ND	ND	20,000
Acenaphthylene	ND	179	ND	ND	91.4	ND	107	ND	100,000
Anthracene	ND	369	ND	598	153	ND	261	ND	100,000
Benzo(a)anthracene	180	**1,380**	83.2	**1,390**	561	ND	**1,020**	214	1,000
Benzo(a)pyrene	199	**1,390**	95.4	**1,390**	586	ND	**1,030**	223	1,000
Benzo(b)fluoranthene	398	**2,230**	182	**3,070**	854	ND	**1,750**	434	1,000
Benzo(g,h,i)perylene	116	675	144	441	355	ND	379	174	100,000
Benzo(k)fluoranthene	308	650	140	**2,370**	308	ND	580	335	800
Chrysene	177	**1,430**	74.7	**1,280**	571	ND	978	218	1,000
Dibenz(a,h)anthracene	ND	232	ND	133	108	ND	119	ND	330
Fluoranthene	278	2,750	89.8	3,200	1,070	ND	2,110	445	100,000
Fluorene	ND	ND	ND	194	ND	ND	ND	ND	30,000
Indeno(1,2,3-cd)pyrene	97.4	**615**	97.5	392	309	ND	338	136	500
Naphthalene	ND	ND	ND	147	ND	ND	183	ND	12,000
Phenanthrene	111	1,440	ND	2,600	613	ND	1,010	162	100,000
Pyrene	270	2,550	86.3	2,940	959	ND	1,870	410	100,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 6
Summary of Soil Quality Data in Product Line Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	PL-9	PL-10	PL-11	PL-12	PL-13	PL-14	PL-15	PL-16	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	60
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	11,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	5,900
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	1,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	2,300
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	10,000
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	930
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	12,000
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,900
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	700
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,600
1,3,5-Trimethylbenzene	ND	ND	8.5	ND	ND	ND	ND	14.2	8,400
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	260
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	260

SVOCs

Analytical Parameter	PL-9	PL-10	PL-11	PL-12	PL-13	PL-14	PL-15	PL-16	NYSDEC CP-51 Soil Cleanup Levels (µg/kg or ppb)
Acenaphthene	ND	ND	ND	ND	80.6	ND	ND	ND	20,000
Acenaphthylene	ND	ND	88.6	98.5	ND	ND	ND	ND	100,000
Anthracene	ND	ND	78.0	153	377	169	ND	103	100,000
Benzo(a)anthracene	134	234	269	618	**2,270**	923	131	428	1,000
Benzo(a)pyrene	153	240	258	625	**2,000**	994	116	480	1,000
Benzo(b)fluoranthene	271	469	510	**1,290**	**3,630**	**1,220**	224	876	1,000
Benzo(g,h,i)perylene	180	350	354	418	960	668	88.3	373	100,000
Benzo(k)fluoranthene	209	362	394	**994**	**2,800**	504	173	676	800
Chrysene	110	196	223	650	**2,170**	946	101	425	1,000
Dibenz(a,h)anthracene	ND	ND	ND	121	**346**	187	ND	95.5	330
Fluoranthene	195	374	431	1,200	4,150	1,820	211	784	100,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	30,000
Indeno(1,2,3-cd)pyrene	123	210	222	367	**911**	**555**	ND	304	500
Naphthalene	ND	ND	169.0	ND	ND	ND	ND	ND	12,000
Phenanthrene	ND	123	175	571	1,400	605	ND	290	100,000
Pyrene	190	333	382	1,070	4,320	1,850	199	741	100,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
ND = Not Detected
Bold values indicate an exceedance of the NYSDEC CP-51 Soil Cleanup Criteria

Table 7
Summary of Soil Quality Data in UST Excavation Sidewall Endpoint Samples for VOCS and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	44,000
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	390,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	*
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	190,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	190,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	500,000

SVOCs

Analytical Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-8	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	ND	273	5,950	ND	135	109	ND	ND	500,000
Acenaphthylene	ND	ND	173	ND	ND	ND	419	ND	500,000
Anthracene	78.4	718	12,800	102	359	373	488	ND	500,000
Benzo(a)anthracene	204	1,550	**30,400**	477	1,390	1,970	2,050	234	5,600
Benzo(a)pyrene	167	**1,410**	**26,000**	492	**1,410**	**2,070**	**2,010**	221	1,000
Benzo(b)fluoranthene	319	2,390	**47,000**	960	2,030	3,770	3,300	402	5,600
Benzo(g,h,i)perylene	ND	423	7,490	194	643	927	1,170	127	500,000
Benzo(k)fluoranthene	247	705	36,300	741	609	2,910	960	311	56,000
Chrysene	210	1,420	27,900	458	1,290	1,810	2,120	193	56,000
Dibenz(a,h)anthracene	ND	138	**2,820**	ND	207	268	365	ND	560
Fluoranthene	368	3,680	79,800	931	2,790	3,820	4,260	353	500,000
Fluorene	ND	208	5,170	ND	72.0	ND	80.1	ND	500,000
Indeno(1,2,3-cd)pyrene	ND	400	7,610	175	582	827	1,060	108	5,600
Naphthalene	ND	ND	781	ND	ND	ND	96.2	ND	500,000
Phenanthrene	532	2,640	64,400	372	1,330	1,380	2,190	127	500,000
Pyrene	528	3,270	66,900	895	2,610	3,740	3,550	365	500,000

Notes:
Samples collected on 9/27/2016 - 9/30/2016
Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Table 8
Summary of Soil Quality Data in UST Excavation Sidewall Endpoint Samples for VOCS and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	ND	ND	ND	ND	ND	ND	44,000
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	*
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	390,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	500,000
Naphthalene	ND	ND	ND	ND	7.9	ND	40.8	*
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	500,000
Toluene	ND	ND	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	190,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	130	ND	190,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	*
o-Xylene	ND	ND	ND	ND	ND	18.1	ND	*
Xylene (total)	ND	ND	ND	ND	ND	18.1	ND	500,000

SVOCs

Analytical Parameter	SW-9	SW-10	SW-11	SW-12	SW-13	SW-14	SW-15	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	ND	180	ND	ND	ND	144	12,200	500,000
Acenaphthylene	ND	ND	83.2	82.8	ND	ND	966	500,000
Anthracene	145	392	207	496	112	94.6	22,900	500,000
Benzo(a)anthracene	505	900	705	1,630	331	109	**66,000**	5,600
Benzo(a)pyrene	507	738	760	**1,610**	368	84.9	**51,800**	1,000
Benzo(b)fluoranthene	756	1,550	1,580	3,400	522	142	**101,000**	5,600
Benzo(g,h,i)perylene	177	242	332	530	356	117	25,500	500,000
Benzo(k)fluoranthene	265	1,200	1,220	2,620	176	110	**78,100**	56,000
Chrysene	488	882	716	1,450	361	ND	**56,600**	56,000
Dibenz(a,h)anthracene	ND	81.9	87.5	168	78.6	ND	**10,300**	560
Fluoranthene	1,050	1,870	1,300	3,510	632	322	141,000	500,000
Fluorene	ND	142	ND	ND	ND	118	8,900	500,000
Indeno(1,2,3-cd)pyrene	159	213	260	493	241	80.0	**26,900**	5,600
Naphthalene	ND	ND	ND	90.1	ND	215	4,250	500,000
Phenanthrene	499	1,570	701	1,550	359	455	116,000	500,000
Pyrene	971	1,810	1,290	3,210	632	264	118,000	500,000

Notes:
Samples collected on 9/27/2016 - 9/30/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Table 9
Summary of Soil Quality Data in UST Excavation Bottom Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	B-1	B-2	B-3	B-4	B-5	B-6	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	5.4	ND	ND	ND	ND	44,000
n-Butylbenzene	6,800	1,020	2,050	6,870	9,650	ND	*
sec-Butylbenzene	2,860	149	724	2,850	3,660	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	500,000
Ethylbenzene	14,400	99.9	1,550	2,500	977	ND	390,000
Isopropylbenzene	6,570	269	1,440	6,050	5,760	ND	*
p-Isopropyltoluene	1,500	80.4	386	1,540	1,380	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	500,000
Naphthalene	12,900	3,470	5,680	6,670	14,300	ND	*
n-Propylbenzene	31,500	2,560	5,290	19,200	20,300	ND	500,000
Toluene	274	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	5,830	151	ND	ND	258	ND	190,000
1,3,5-Trimethylbenzene	1,420	72.2	ND	325	ND	ND	190,000
m,p-Xylene	2,640	40.5	ND	ND	548	ND	*
o-Xylene	1,020	18.7	ND	ND	ND	ND	*
Xylene (total)	3,660	59.2	ND	ND	548	ND	500,000

SVOCs

Analytical Parameter	B-1	B-2	B-3	B-4	B-5	B-6	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	453	345	765	588	714	ND	500,000
Acenaphthylene	122	48.2	115	260	150	ND	500,000
Anthracene	211	186	414	424	412	ND	500,000
Benzo(a)anthracene	146	96.5	275	448	275	ND	5,600
Benzo(a)pyrene	113	54.5	152	360	181	ND	1,000
Benzo(b)fluoranthene	251	126	376	662	371	ND	5,600
Benzo(g,h,i)perylene	91.9	36.2	92.1	297	132	ND	500,000
Benzo(k)fluoranthene	194	97.2	290	511	286	ND	56,000
Chrysene	143	93.5	255	426	288	ND	56,000
Dibenz(a,h)anthracene	26.0	10.9	ND	74.4	ND	ND	560
Fluoranthene	663	527	1,360	1,430	865	ND	500,000
Fluorene	384	333	618	555	489	ND	500,000
Indeno(1,2,3-cd)pyrene	67.9	26.5	ND	211	91.7	ND	5,600
Naphthalene	5,250	4,930	5,250	5,210	16,800	ND	500,000
Phenanthrene	1,230	1,020	2,230	1,890	1,290	ND	500,000
Pyrene	526	405	1,050	1,220	753	ND	500,000

Notes:
Samples collected on 9/30/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Table 10
Summary of Soil Quality Data in Dispenser Island Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	DI-1	DI-2	DI-3	DI-4	DI-5	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	ND	ND	ND	ND	44,000
n-Butylbenzene	ND	ND	ND	ND	ND	*
sec-Butylbenzene	ND	ND	ND	ND	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	500,000
Ethylbenzene	ND	ND	ND	ND	ND	390,000
Isopropylbenzene	ND	ND	ND	ND	ND	*
p-Isopropyltoluene	ND	ND	ND	ND	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	500,000
Naphthalene	ND	ND	ND	ND	ND	*
n-Propylbenzene	ND	ND	ND	ND	ND	500,000
Toluene	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	190,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	190,000
m,p-Xylene	ND	ND	ND	ND	ND	*
o-Xylene	ND	ND	ND	ND	ND	*
Xylene (total)	ND	ND	ND	ND	ND	500,000

SVOCs

Analytical Parameter	DI-1	DI-2	DI-3	DI-4	DI-5	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	ND	ND	ND	ND	ND	500,000
Acenaphthylene	ND	133	122	ND	ND	500,000
Anthracene	ND	103	84.5	ND	104	500,000
Benzo(a)anthracene	194	224	244	148	489	5,600
Benzo(a)pyrene	185	291	320	211	510	1,000
Benzo(b)fluoranthene	343	660	644	295	993	5,600
Benzo(g,h,i)perylene	178	215	512	231	285	500,000
Benzo(k)fluoranthene	265	510	497	120	767	56,000
Chrysene	160	273	261	162	472	56,000
Dibenz(a,h)anthracene	ND	ND	94.2	ND	92.7	560
Fluoranthene	272	369	326	179	918	500,000
Fluorene	ND	ND	ND	ND	ND	500,000
Indeno(1,2,3-cd)pyrene	123	156	316	149	251	5,600
Naphthalene	ND	384	147	202	ND	500,000
Phenanthrene	134	242	182	85.0	374	500,000
Pyrene	268	319	325	188	848	500,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Table 11
Summary of Soil Quality Data in Product Line Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	PL-1	PL-2	PL-3	PL-4	PL-5	PL-6	PL-7	PL-8	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	44,000
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	390,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	*
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	190,000
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	190,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	500,000

SVOCs

Analytical Parameter	PL-1	PL-2	PL-3	PL-4	PL-5	PL-6	PL-7	PL-8	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	ND	84.6	ND	291	ND	ND	ND	ND	500,000
Acenaphthylene	ND	179	ND	ND	91.4	ND	107	ND	500,000
Anthracene	ND	369	ND	598	153	ND	261	ND	500,000
Benzo(a)anthracene	180	1,380	83.2	1,390	561	ND	1,020	214	5,600
Benzo(a)pyrene	199	**1,390**	95.4	**1,390**	586	ND	**1,030**	223	1,000
Benzo(b)fluoranthene	398	2,230	182	3,070	854	ND	1,750	434	5,600
Benzo(g,h,i)perylene	116	675	144	441	355	ND	379	174	500,000
Benzo(k)fluoranthene	308	650	140	2,370	308	ND	580	335	56,000
Chrysene	177	1,430	74.7	1,280	571	ND	978	218	56,000
Dibenz(a,h)anthracene	ND	232	ND	133	108	ND	119	ND	560
Fluoranthene	278	2,750	89.8	3,200	1,070	ND	2,110	445	500,000
Fluorene	ND	ND	ND	194	ND	ND	ND	ND	500,000
Indeno(1,2,3-cd)pyrene	97.4	615	97.5	392	309	ND	338	136	5,600
Naphthalene	ND	ND	ND	147	ND	ND	183	ND	500,000
Phenanthrene	111	1,440	ND	2,600	613	ND	1,010	162	500,000
Pyrene	270	2,550	86.3	2,940	959	ND	1,870	410	500,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Table 12
Summary of Soil Quality Data in Product Line Endpoint Samples for VOCs and SVOCs
Speedway #7825
122 W. 145th Street
New York, NY

VOCs

Analytical Parameter	PL-9	PL-10	PL-11	PL-12	PL-13	PL-14	PL-15	PL-16	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	44,000
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	390,000
Isopropylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	*
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	*
Methyl Tert Butyl Ether	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	*
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	190,000
1,3,5-Trimethylbenzene	ND	ND	8.5	ND	ND	ND	ND	14.2	190,000
m,p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	*
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	500,000

SVOCs

Analytical Parameter	PL-9	PL-10	PL-11	PL-12	PL-13	PL-14	PL-15	PL-16	NYS Part 375 Restricted Use Soil Cleanup Objective Protection of Public Health (Commercial)
Acenaphthene	ND	ND	ND	ND	80.6	ND	ND	ND	500,000
Acenaphthylene	ND	ND	88.6	98.5	ND	ND	ND	ND	500,000
Anthracene	ND	ND	78.0	153	377	169	ND	103	500,000
Benzo(a)anthracene	134	234	269	618	2,270	923	131	428	5,600
Benzo(a)pyrene	153	240	258	625	**2,000**	994	116	480	1,000
Benzo(b)fluoranthene	271	469	510	1,290	3,630	1,220	224	876	5,600
Benzo(g,h,i)perylene	180	350	354	418	960	668	88.3	373	500,000
Benzo(k)fluoranthene	209	362	394	994	2,800	504	173	676	56,000
Chrysene	110	196	223	650	2,170	946	101	425	56,000
Dibenz(a,h)anthracene	ND	ND	ND	121	346	187	ND	95.5	560
Fluoranthene	195	374	431	1,200	4,150	1,820	211	784	500,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	500,000
Indeno(1,2,3-cd)pyrene	123	210	222	367	911	555	ND	304	5,600
Naphthalene	ND	ND	169.0	ND	ND	ND	ND	ND	500,000
Phenanthrene	ND	123	175	571	1,400	605	ND	290	500,000
Pyrene	190	333	382	1,070	4,320	1,850	199	741	500,000

Notes:
Samples collected on 9/27/2016 - 10/04/2016
VOC Concentration units = µg/kg (micrograms per kilogram)
Laboratory analyses via EPA Method 8260 STARS
* - No SCO
ND = Not Detected
Bold values indicate an exceedance of the NYS Part 375 Soil Cleanup Criteria (Commercial)

Appendix A

Photo-Documentation

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Underground Storage Tank Field Area

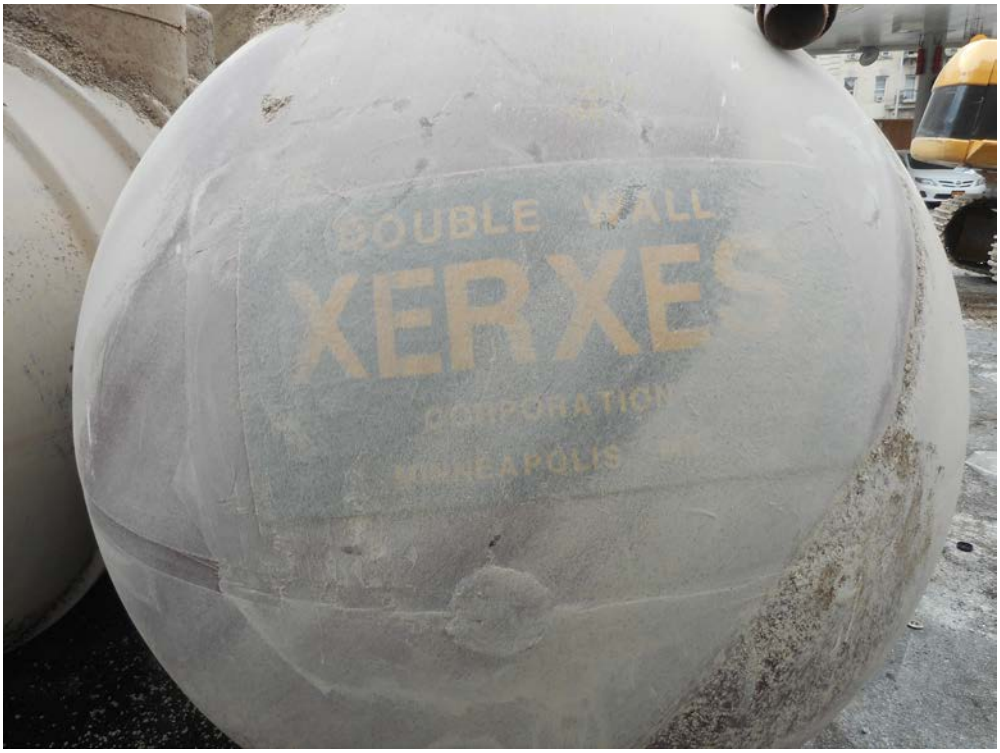
Removing Concrete Mat above UST Tank Field

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Excavating Soil from UST Tank Field

Removal of Tank #1

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY



Condition of Tank #1

Removal of Tank #2

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Condition of Tank #2

Removal of Tank #3

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Condition of Tank #3

Removal of Tank #4

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Condition of Tank #4

Removal of Tank #5

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Condition of Tank #5

Removal of Tank #6 (Waste-water UST)

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Condition of Tank #6 (Waste-water UST)

UST Excavation

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Backfilling/Tamping of UST Tank Field Excavation

UST Tank Field Excavation Backfilled

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Pump Dispenser Removals

Tracing/Excavating Product Piping

Tank Closure Photo-Documentation
Speedway #7825
122 W. 145th Street
New York, NY

Product Piping Excavation Areas

Product Piping Excavations/Dispenser Islands Backfilled

Appendix B

Laboratory Reports

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 05, 2016

Mr. Joe Rennie
EnviroTrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: Speedway 7825
Pace Project No.: 30197605

Dear Mr. Rennie:
Enclosed are the analytical results for sample(s) received by the laboratory on September 30, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Dan Ruffini, EnviroTrac
Mr. Ed Russo, EnviroTrac

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30197605

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30197605

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30197605001	**PL-3**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605002	**DI-1**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605003	**SW-7**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605004	**SW-8**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605005	**SW-5**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605006	**SW-6**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605007	**SW-4**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605008	**SW-9**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605009	**SW-11**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605010	**SW-10**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605011	**DI-2**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA
30197605012	**PL-6**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	TAW	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: PL-3 **Lab ID: 30197605001** Collected: 09/27/16 13:45 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	83-32-9	
Acenaphthylene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	208-96-8	
Anthracene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	120-12-7	
Benzo(a)anthracene	**83.2**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	56-55-3	
Benzo(a)pyrene	**95.4**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	50-32-8	
Benzo(b)fluoranthene	**182**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	205-99-2	ip
Benzo(g,h,i)perylene	**144**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	191-24-2	
Benzo(k)fluoranthene	**140**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	207-08-9	M6,ip
Chrysene	**74.7**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	53-70-3	
Fluoranthene	**89.8**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	206-44-0	
Fluorene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	86-73-7	
Indeno(1,2,3-cd)pyrene	**97.5**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	193-39-5	
Naphthalene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	91-20-3	M6,R1
Phenanthrene	ND	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	85-01-8	
Pyrene	**86.3**	ug/kg	70.4	10	10/03/16 15:33	10/03/16 22:15	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%	35-141	10	10/03/16 15:33	10/03/16 22:15	321-60-8	
Terphenyl-d14 (S)	82	%	64-141	10	10/03/16 15:33	10/03/16 22:15	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	1634-04-4	1c
Naphthalene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	103-65-1	1c
Toluene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	108-67-8	1c
Xylene (Total)	ND	ug/kg	15.1	1	10/04/16 14:08	10/04/16 21:27	1330-20-7	
m&p-Xylene	ND	ug/kg	10.1	1	10/04/16 14:08	10/04/16 21:27	179601-23-1	1c
o-Xylene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 21:27	95-47-6	1c
Surrogates								
Toluene-d8 (S)	100	%	68-135	1	10/04/16 14:08	10/04/16 21:27	2037-26-5	
4-Bromofluorobenzene (S)	109	%	65-146	1	10/04/16 14:08	10/04/16 21:27	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	69-137	1	10/04/16 14:08	10/04/16 21:27	17060-07-0	
Dibromofluoromethane (S)	93	%	70-130	1	10/04/16 14:08	10/04/16 21:27	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.1**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: DI-1 **Lab ID: 30197605002** Collected: 09/27/16 14:00 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	83-32-9	
Acenaphthylene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	208-96-8	
Anthracene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	120-12-7	
Benzo(a)anthracene	**194**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	56-55-3	
Benzo(a)pyrene	**185**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	50-32-8	
Benzo(b)fluoranthene	**343**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	205-99-2	ip
Benzo(g,h,i)perylene	**178**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	191-24-2	
Benzo(k)fluoranthene	**265**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	207-08-9	ip
Chrysene	**160**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	53-70-3	
Fluoranthene	**272**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	206-44-0	
Fluorene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**123**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	193-39-5	
Naphthalene	ND	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	91-20-3	
Phenanthrene	**134**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	85-01-8	
Pyrene	**268**	ug/kg	70.1	10	10/03/16 15:33	10/04/16 00:34	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	53	%	35-141	10	10/03/16 15:33	10/04/16 00:34	321-60-8	
Terphenyl-d14 (S)	67	%	64-141	10	10/03/16 15:33	10/04/16 00:34	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	1634-04-4	1c
Naphthalene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	103-65-1	1c
Toluene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	108-67-8	1c
Xylene (Total)	ND	ug/kg	15.9	1	10/04/16 14:08	10/04/16 21:52	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	1	10/04/16 14:08	10/04/16 21:52	179601-23-1	1c
o-Xylene	ND	ug/kg	5.3	1	10/04/16 14:08	10/04/16 21:52	95-47-6	1c
Surrogates								
Toluene-d8 (S)	98	%	68-135	1	10/04/16 14:08	10/04/16 21:52	2037-26-5	
4-Bromofluorobenzene (S)	113	%	65-146	1	10/04/16 14:08	10/04/16 21:52	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	69-137	1	10/04/16 14:08	10/04/16 21:52	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/04/16 14:08	10/04/16 21:52	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.0**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-7 **Lab ID: 30197605003** Collected: 09/27/16 14:15 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	83-32-9	
Acenaphthylene	**419**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	208-96-8	
Anthracene	**488**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	120-12-7	
Benzo(a)anthracene	**2050**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	56-55-3	
Benzo(a)pyrene	**2010**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	50-32-8	
Benzo(b)fluoranthene	**3300**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	205-99-2	
Benzo(g,h,i)perylene	**1170**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	191-24-2	
Benzo(k)fluoranthene	**960**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	207-08-9	
Chrysene	**2120**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	218-01-9	
Dibenz(a,h)anthracene	**365**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	53-70-3	
Fluoranthene	**4260**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	206-44-0	
Fluorene	**80.1**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	86-73-7	
Indeno(1,2,3-cd)pyrene	**1060**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	193-39-5	
Naphthalene	**96.2**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	91-20-3	
Phenanthrene	**2190**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	85-01-8	
Pyrene	**3550**	ug/kg	76.8	10	10/03/16 15:33	10/04/16 00:51	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/03/16 15:33	10/04/16 00:51	321-60-8	
Terphenyl-d14 (S)	73	%	64-141	10	10/03/16 15:33	10/04/16 00:51	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	1634-04-4	1c
Naphthalene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	103-65-1	1c
Toluene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	108-67-8	1c
Xylene (Total)	ND	ug/kg	17.7	1	10/04/16 14:08	10/04/16 22:18	1330-20-7	
m&p-Xylene	ND	ug/kg	11.8	1	10/04/16 14:08	10/04/16 22:18	179601-23-1	1c
o-Xylene	ND	ug/kg	5.9	1	10/04/16 14:08	10/04/16 22:18	95-47-6	1c
Surrogates								
Toluene-d8 (S)	104	%	68-135	1	10/04/16 14:08	10/04/16 22:18	2037-26-5	
4-Bromofluorobenzene (S)	106	%	65-146	1	10/04/16 14:08	10/04/16 22:18	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-137	1	10/04/16 14:08	10/04/16 22:18	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/04/16 14:08	10/04/16 22:18	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.9**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-8 **Lab ID: 30197605004** Collected: 09/27/16 15:00 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	83-32-9	
Acenaphthylene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	208-96-8	
Anthracene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	120-12-7	
Benzo(a)anthracene	**234**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	56-55-3	
Benzo(a)pyrene	**221**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	50-32-8	
Benzo(b)fluoranthene	**402**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	205-99-2	ip
Benzo(g,h,i)perylene	**127**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	191-24-2	
Benzo(k)fluoranthene	**311**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	207-08-9	ip
Chrysene	**193**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	53-70-3	
Fluoranthene	**353**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	206-44-0	
Fluorene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	86-73-7	
Indeno(1,2,3-cd)pyrene	**108**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	193-39-5	
Naphthalene	ND	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	91-20-3	
Phenanthrene	**127**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	85-01-8	
Pyrene	**365**	ug/kg	77.4	10	10/03/16 15:33	10/04/16 01:09	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	55	%	35-141	10	10/03/16 15:33	10/04/16 01:09	321-60-8	
Terphenyl-d14 (S)	65	%	64-141	10	10/03/16 15:33	10/04/16 01:09	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	1634-04-4	1c
Naphthalene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	103-65-1	1c
Toluene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	108-67-8	1c
Xylene (Total)	ND	ug/kg	14.9	1	10/04/16 14:08	10/04/16 22:44	1330-20-7	
m&p-Xylene	ND	ug/kg	9.9	1	10/04/16 14:08	10/04/16 22:44	179601-23-1	1c
o-Xylene	ND	ug/kg	5.0	1	10/04/16 14:08	10/04/16 22:44	95-47-6	1c
Surrogates								
Toluene-d8 (S)	102	%	68-135	1	10/04/16 14:08	10/04/16 22:44	2037-26-5	
4-Bromofluorobenzene (S)	102	%	65-146	1	10/04/16 14:08	10/04/16 22:44	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	69-137	1	10/04/16 14:08	10/04/16 22:44	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1	10/04/16 14:08	10/04/16 22:44	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.5**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-5 **Lab ID: 30197605005** Collected: 09/28/16 11:30 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**135**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	83-32-9	
Acenaphthylene	ND	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	208-96-8	
Anthracene	**359**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	120-12-7	
Benzo(a)anthracene	**1390**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	56-55-3	
Benzo(a)pyrene	**1410**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	50-32-8	
Benzo(b)fluoranthene	**2030**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	205-99-2	
Benzo(g,h,i)perylene	**643**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	191-24-2	
Benzo(k)fluoranthene	**609**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	207-08-9	
Chrysene	**1290**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	218-01-9	
Dibenz(a,h)anthracene	**207**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	53-70-3	
Fluoranthene	**2790**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	206-44-0	
Fluorene	**72.0**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	86-73-7	
Indeno(1,2,3-cd)pyrene	**582**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	193-39-5	
Naphthalene	ND	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	91-20-3	
Phenanthrene	**1330**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	85-01-8	
Pyrene	**2610**	ug/kg	68.8	10	10/03/16 15:33	10/04/16 01:26	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	68	%	35-141	10	10/03/16 15:33	10/04/16 01:26	321-60-8	
Terphenyl-d14 (S)	68	%	64-141	10	10/03/16 15:33	10/04/16 01:26	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	1634-04-4	1c
Naphthalene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	103-65-1	1c
Toluene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	108-67-8	1c
Xylene (Total)	ND	ug/kg	15.7	1	10/04/16 14:08	10/04/16 23:10	1330-20-7	
m&p-Xylene	ND	ug/kg	10.5	1	10/04/16 14:08	10/04/16 23:10	179601-23-1	1c
o-Xylene	ND	ug/kg	5.2	1	10/04/16 14:08	10/04/16 23:10	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/04/16 14:08	10/04/16 23:10	2037-26-5	
4-Bromofluorobenzene (S)	105	%	65-146	1	10/04/16 14:08	10/04/16 23:10	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	69-137	1	10/04/16 14:08	10/04/16 23:10	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/04/16 14:08	10/04/16 23:10	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.1**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-6 **Lab ID: 30197605006** Collected: 09/28/16 09:15 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**109**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	83-32-9	
Acenaphthylene	ND	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	208-96-8	
Anthracene	**373**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	120-12-7	
Benzo(a)anthracene	**1970**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	56-55-3	
Benzo(a)pyrene	**2070**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	50-32-8	
Benzo(b)fluoranthene	**3770**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	205-99-2	ip
Benzo(g,h,i)perylene	**927**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	191-24-2	
Benzo(k)fluoranthene	**2910**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	207-08-9	ip
Chrysene	**1810**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	218-01-9	
Dibenz(a,h)anthracene	**268**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	53-70-3	
Fluoranthene	**3820**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	206-44-0	
Fluorene	ND	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**827**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	193-39-5	
Naphthalene	ND	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	91-20-3	
Phenanthrene	**1380**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	85-01-8	
Pyrene	**3740**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 01:43	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/03/16 15:33	10/04/16 01:43	321-60-8	
Terphenyl-d14 (S)	78	%	64-141	10	10/03/16 15:33	10/04/16 01:43	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	71-43-2	1c
n-Butylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	98-06-6	1c
Ethylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	1634-04-4	1c
Naphthalene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	91-20-3	1c
n-Propylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	103-65-1	1c
Toluene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	108-67-8	1c
Xylene (Total)	ND	ug/kg	14.6	1	10/04/16 14:08	10/04/16 23:35	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1	10/04/16 14:08	10/04/16 23:35	179601-23-1	1c
o-Xylene	ND	ug/kg	4.9	1	10/04/16 14:08	10/04/16 23:35	95-47-6	1c
Surrogates								
Toluene-d8 (S)	98	%	68-135	1	10/04/16 14:08	10/04/16 23:35	2037-26-5	
4-Bromofluorobenzene (S)	105	%	65-146	1	10/04/16 14:08	10/04/16 23:35	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	69-137	1	10/04/16 14:08	10/04/16 23:35	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/04/16 14:08	10/04/16 23:35	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.2**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-4 **Lab ID: 30197605007** Collected: 09/28/16 13:10 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	83-32-9	
Acenaphthylene	ND	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	208-96-8	
Anthracene	**102**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	120-12-7	
Benzo(a)anthracene	**477**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	56-55-3	
Benzo(a)pyrene	**492**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	50-32-8	
Benzo(b)fluoranthene	**960**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	205-99-2	ip
Benzo(g,h,i)perylene	**194**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	191-24-2	
Benzo(k)fluoranthene	**741**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	207-08-9	ip
Chrysene	**458**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	53-70-3	
Fluoranthene	**931**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	206-44-0	
Fluorene	ND	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**175**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	193-39-5	
Naphthalene	ND	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	91-20-3	
Phenanthrene	**372**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	85-01-8	
Pyrene	**895**	ug/kg	73.7	10	10/03/16 15:33	10/04/16 02:01	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%	35-141	10	10/03/16 15:33	10/04/16 02:01	321-60-8	
Terphenyl-d14 (S)	64	%	64-141	10	10/03/16 15:33	10/04/16 02:01	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	71-43-2	1c
n-Butylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	98-06-6	1c
Ethylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	1634-04-4	1c
Naphthalene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	91-20-3	1c
n-Propylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	103-65-1	1c
Toluene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	108-67-8	1c
Xylene (Total)	ND	ug/kg	14.5	1	10/04/16 14:08	10/05/16 00:01	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	1	10/04/16 14:08	10/05/16 00:01	179601-23-1	1c
o-Xylene	ND	ug/kg	4.8	1	10/04/16 14:08	10/05/16 00:01	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/04/16 14:08	10/05/16 00:01	2037-26-5	
4-Bromofluorobenzene (S)	106	%	65-146	1	10/04/16 14:08	10/05/16 00:01	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	69-137	1	10/04/16 14:08	10/05/16 00:01	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/04/16 14:08	10/05/16 00:01	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-9 **Lab ID: 30197605008** Collected: 09/28/16 09:30 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	83-32-9	
Acenaphthylene	ND	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	208-96-8	
Anthracene	**145**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	120-12-7	
Benzo(a)anthracene	**505**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	56-55-3	
Benzo(a)pyrene	**507**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	50-32-8	
Benzo(b)fluoranthene	**756**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	205-99-2	
Benzo(g,h,i)perylene	**177**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	191-24-2	
Benzo(k)fluoranthene	**265**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	207-08-9	
Chrysene	**488**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	53-70-3	
Fluoranthene	**1050**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	206-44-0	
Fluorene	ND	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**159**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	193-39-5	
Naphthalene	ND	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	91-20-3	
Phenanthrene	**499**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	85-01-8	
Pyrene	**971**	ug/kg	76.9	10	10/03/16 15:33	10/04/16 02:18	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	66	%	35-141	10	10/03/16 15:33	10/04/16 02:18	321-60-8	
Terphenyl-d14 (S)	63	%	64-141	10	10/03/16 15:33	10/04/16 02:18	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	1634-04-4	1c
Naphthalene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	103-65-1	1c
Toluene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	108-67-8	1c
Xylene (Total)	ND	ug/kg	17.2	1	10/04/16 14:08	10/05/16 00:27	1330-20-7	
m&p-Xylene	ND	ug/kg	11.5	1	10/04/16 14:08	10/05/16 00:27	179601-23-1	1c
o-Xylene	ND	ug/kg	5.7	1	10/04/16 14:08	10/05/16 00:27	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/04/16 14:08	10/05/16 00:27	2037-26-5	
4-Bromofluorobenzene (S)	109	%	65-146	1	10/04/16 14:08	10/05/16 00:27	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	69-137	1	10/04/16 14:08	10/05/16 00:27	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/04/16 14:08	10/05/16 00:27	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.1**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-11 **Lab ID: 30197605009** Collected: 09/28/16 13:20 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	83-32-9	
Acenaphthylene	**83.2**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	208-96-8	
Anthracene	**207**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	120-12-7	
Benzo(a)anthracene	**705**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	56-55-3	
Benzo(a)pyrene	**760**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	50-32-8	
Benzo(b)fluoranthene	**1580**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	205-99-2	ip
Benzo(g,h,i)perylene	**332**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	191-24-2	
Benzo(k)fluoranthene	**1220**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	207-08-9	ip
Chrysene	**716**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	218-01-9	
Dibenz(a,h)anthracene	**87.5**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	53-70-3	
Fluoranthene	**1300**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	206-44-0	
Fluorene	ND	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**260**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	193-39-5	
Naphthalene	ND	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	91-20-3	
Phenanthrene	**701**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	85-01-8	
Pyrene	**1290**	ug/kg	72.6	10	10/03/16 15:33	10/04/16 02:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	74	%	35-141	10	10/03/16 15:33	10/04/16 02:36	321-60-8	
Terphenyl-d14 (S)	76	%	64-141	10	10/03/16 15:33	10/04/16 02:36	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	71-43-2	1c
n-Butylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	98-06-6	1c
Ethylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	1634-04-4	1c
Naphthalene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	91-20-3	1c
n-Propylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	103-65-1	1c
Toluene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	108-67-8	1c
Xylene (Total)	ND	ug/kg	14.0	1	10/04/16 14:08	10/05/16 00:52	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	1	10/04/16 14:08	10/05/16 00:52	179601-23-1	1c
o-Xylene	ND	ug/kg	4.7	1	10/04/16 14:08	10/05/16 00:52	95-47-6	1c
Surrogates								
Toluene-d8 (S)	103	%	68-135	1	10/04/16 14:08	10/05/16 00:52	2037-26-5	
4-Bromofluorobenzene (S)	112	%	65-146	1	10/04/16 14:08	10/05/16 00:52	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	69-137	1	10/04/16 14:08	10/05/16 00:52	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/04/16 14:08	10/05/16 00:52	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: SW-10 **Lab ID: 30197605010** Collected: 09/28/16 11:40 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**180**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	83-32-9	
Acenaphthylene	ND	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	208-96-8	
Anthracene	**392**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	120-12-7	
Benzo(a)anthracene	**900**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	56-55-3	
Benzo(a)pyrene	**738**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	50-32-8	
Benzo(b)fluoranthene	**1550**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	205-99-2	ip
Benzo(g,h,i)perylene	**242**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	191-24-2	
Benzo(k)fluoranthene	**1200**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	207-08-9	ip
Chrysene	**882**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	218-01-9	
Dibenz(a,h)anthracene	**81.9**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	53-70-3	
Fluoranthene	**1870**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	206-44-0	
Fluorene	**142**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**213**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	193-39-5	
Naphthalene	ND	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	91-20-3	
Phenanthrene	**1570**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	85-01-8	
Pyrene	**1810**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 02:53	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/03/16 15:33	10/04/16 02:53	321-60-8	
Terphenyl-d14 (S)	75	%	64-141	10	10/03/16 15:33	10/04/16 02:53	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	1634-04-4	1c
Naphthalene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	103-65-1	1c
Toluene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	108-67-8	1c
Xylene (Total)	ND	ug/kg	15.4	1	10/04/16 14:08	10/05/16 01:18	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	1	10/04/16 14:08	10/05/16 01:18	179601-23-1	1c
o-Xylene	ND	ug/kg	5.1	1	10/04/16 14:08	10/05/16 01:18	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/04/16 14:08	10/05/16 01:18	2037-26-5	
4-Bromofluorobenzene (S)	109	%	65-146	1	10/04/16 14:08	10/05/16 01:18	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	69-137	1	10/04/16 14:08	10/05/16 01:18	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/04/16 14:08	10/05/16 01:18	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: DI-2 **Lab ID: 30197605011** Collected: 09/28/16 12:15 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	83-32-9	
Acenaphthylene	**133**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	208-96-8	
Anthracene	**103**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	120-12-7	
Benzo(a)anthracene	**224**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	56-55-3	
Benzo(a)pyrene	**291**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	50-32-8	IS
Benzo(b)fluoranthene	**660**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	205-99-2	IS,ip
Benzo(g,h,i)perylene	**215**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	191-24-2	IS
Benzo(k)fluoranthene	**510**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	207-08-9	IS,ip
Chrysene	**273**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	53-70-3	IS
Fluoranthene	**369**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	206-44-0	
Fluorene	ND	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	86-73-7	
Indeno(1,2,3-cd)pyrene	**156**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	193-39-5	IS
Naphthalene	**384**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	91-20-3	
Phenanthrene	**242**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	85-01-8	
Pyrene	**319**	ug/kg	73.4	10	10/03/16 15:33	10/04/16 03:11	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	70	%	35-141	10	10/03/16 15:33	10/04/16 03:11	321-60-8	
Terphenyl-d14 (S)	72	%	64-141	10	10/03/16 15:33	10/04/16 03:11	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	1634-04-4	1c
Naphthalene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	103-65-1	1c
Toluene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	108-67-8	1c
Xylene (Total)	ND	ug/kg	16.2	1	10/04/16 14:08	10/05/16 01:44	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	1	10/04/16 14:08	10/05/16 01:44	179601-23-1	1c
o-Xylene	ND	ug/kg	5.4	1	10/04/16 14:08	10/05/16 01:44	95-47-6	1c
Surrogates								
Toluene-d8 (S)	103	%	68-135	1	10/04/16 14:08	10/05/16 01:44	2037-26-5	
4-Bromofluorobenzene (S)	109	%	65-146	1	10/04/16 14:08	10/05/16 01:44	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	69-137	1	10/04/16 14:08	10/05/16 01:44	17060-07-0	
Dibromofluoromethane (S)	95	%	70-130	1	10/04/16 14:08	10/05/16 01:44	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.8**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197605

Sample: PL-6 **Lab ID: 30197605012** Collected: 09/28/16 12:20 Received: 09/30/16 10:40 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	83-32-9	
Acenaphthylene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	208-96-8	
Anthracene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	120-12-7	
Benzo(a)anthracene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	56-55-3	
Benzo(a)pyrene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	207-08-9	
Chrysene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	53-70-3	
Fluoranthene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	206-44-0	
Fluorene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	193-39-5	
Naphthalene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	91-20-3	
Phenanthrene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	85-01-8	
Pyrene	ND	ug/kg	69.5	10	10/03/16 15:33	10/04/16 03:28	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%	35-141	10	10/03/16 15:33	10/04/16 03:28	321-60-8	
Terphenyl-d14 (S)	71	%	64-141	10	10/03/16 15:33	10/04/16 03:28	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	135-98-8	1c,L2
tert-Butylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	1634-04-4	1c
Naphthalene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	103-65-1	1c
Toluene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	108-67-8	1c
Xylene (Total)	ND	ug/kg	15.7	1	10/04/16 14:08	10/05/16 02:10	1330-20-7	
m&p-Xylene	ND	ug/kg	10.5	1	10/04/16 14:08	10/05/16 02:10	179601-23-1	1c
o-Xylene	ND	ug/kg	5.2	1	10/04/16 14:08	10/05/16 02:10	95-47-6	1c
Surrogates								
Toluene-d8 (S)	96	%	68-135	1	10/04/16 14:08	10/05/16 02:10	2037-26-5	
4-Bromofluorobenzene (S)	104	%	65-146	1	10/04/16 14:08	10/05/16 02:10	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	69-137	1	10/04/16 14:08	10/05/16 02:10	17060-07-0	
Dibromofluoromethane (S)	100	%	70-130	1	10/04/16 14:08	10/05/16 02:10	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**3.8**	%	0.10	1		10/01/16 17:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197605

QC Batch: 235430 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197605001, 30197605002, 30197605003, 30197605004, 30197605005, 30197605006, 30197605007, 30197605008, 30197605009, 30197605010, 30197605011, 30197605012

METHOD BLANK: 1156332 Matrix: Solid
Associated Lab Samples: 30197605001, 30197605002, 30197605003, 30197605004, 30197605005, 30197605006, 30197605007, 30197605008, 30197605009, 30197605010, 30197605011, 30197605012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
Benzene	ug/kg	ND	5.0	10/04/16 21:01	
Ethylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/04/16 21:01	
m&p-Xylene	ug/kg	ND	10.0	10/04/16 21:01	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/04/16 21:01	
n-Butylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
n-Propylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
Naphthalene	ug/kg	ND	5.0	10/04/16 21:01	
o-Xylene	ug/kg	ND	5.0	10/04/16 21:01	
p-Isopropyltoluene	ug/kg	ND	5.0	10/04/16 21:01	
sec-Butylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
tert-Butylbenzene	ug/kg	ND	5.0	10/04/16 21:01	
Toluene	ug/kg	ND	5.0	10/04/16 21:01	
Xylene (Total)	ug/kg	ND	15.0	10/04/16 21:01	
1,2-Dichloroethane-d4 (S)	%	95	69-137	10/04/16 21:01	
4-Bromofluorobenzene (S)	%	101	65-146	10/04/16 21:01	
Dibromofluoromethane (S)	%	96	70-130	10/04/16 21:01	
Toluene-d8 (S)	%	99	68-135	10/04/16 21:01	

LABORATORY CONTROL SAMPLE: 1156333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	16.1	81	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	16.3	81	74-129	
Benzene	ug/kg	20	15.8	79	71-137	
Ethylbenzene	ug/kg	20	15.6	78	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	15.8	79	78-133	
m&p-Xylene	ug/kg	40	32.9	82	77-129	
Methyl-tert-butyl ether	ug/kg	20	16.8	84	77-141	
n-Butylbenzene	ug/kg	20	16.0	80	74-140	
n-Propylbenzene	ug/kg	20	15.7	78	70-140	
Naphthalene	ug/kg	20	18.1	90	81-126	
o-Xylene	ug/kg	20	15.9	80	80-125	
p-Isopropyltoluene	ug/kg	20	15.8	79	74-136	
sec-Butylbenzene	ug/kg	20	15.8	79	81-132	L0
tert-Butylbenzene	ug/kg	20	16.1	80	77-129	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197605

LABORATORY CONTROL SAMPLE: 1156333

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/kg	20	16.3	81	72-127	
Xylene (Total)	ug/kg	60	48.8	81	80-124	
1,2-Dichloroethane-d4 (S)	%			97	69-137	
4-Bromofluorobenzene (S)	%			102	65-146	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			102	68-135	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197605

QC Batch: 235258 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30197605001, 30197605002, 30197605003, 30197605004, 30197605005, 30197605006, 30197605007, 30197605008, 30197605009, 30197605010, 30197605011, 30197605012

METHOD BLANK: 1155498 Matrix: Solid
Associated Lab Samples: 30197605001, 30197605002, 30197605003, 30197605004, 30197605005, 30197605006, 30197605007, 30197605008, 30197605009, 30197605010, 30197605011, 30197605012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/03/16 21:40	
Acenaphthylene	ug/kg	ND	6.7	10/03/16 21:40	
Anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(a)anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(a)pyrene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Chrysene	ug/kg	ND	6.7	10/03/16 21:40	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Fluorene	ug/kg	ND	6.7	10/03/16 21:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/03/16 21:40	
Naphthalene	ug/kg	ND	6.7	10/03/16 21:40	
Phenanthrene	ug/kg	ND	6.7	10/03/16 21:40	
Pyrene	ug/kg	ND	6.7	10/03/16 21:40	
2-Fluorobiphenyl (S)	%	73	35-141	10/03/16 21:40	
Terphenyl-d14 (S)	%	83	64-141	10/03/16 21:40	

LABORATORY CONTROL SAMPLE: 1155499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	116	87	43-113	
Acenaphthylene	ug/kg	133	117	88	41-114	
Anthracene	ug/kg	133	112	84	59-115	
Benzo(a)anthracene	ug/kg	133	119	89	62-122	
Benzo(a)pyrene	ug/kg	133	119	89	56-113	
Benzo(b)fluoranthene	ug/kg	133	125	94	43-138	
Benzo(g,h,i)perylene	ug/kg	133	122	91	47-143	
Benzo(k)fluoranthene	ug/kg	133	119	89	52-138	
Chrysene	ug/kg	133	125	93	64-119	
Dibenz(a,h)anthracene	ug/kg	133	123	92	59-133	
Fluoranthene	ug/kg	133	119	89	64-122	
Fluorene	ug/kg	133	115	86	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	124	93	59-132	
Naphthalene	ug/kg	133	111	84	47-108	
Phenanthrene	ug/kg	133	114	85	42-122	
Pyrene	ug/kg	133	119	89	64-117	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197605

LABORATORY CONTROL SAMPLE: 1155499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Fluorobiphenyl (S)	%			84	35-141	
Terphenyl-d14 (S)	%			89	64-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1155500 1155501

Parameter	Units	30197605001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	ND	137	140	110	117	78	82	43-113	6	
Acenaphthylene	ug/kg	ND	137	140	132	140	78	82	41-114	6	
Anthracene	ug/kg	ND	137	140	128	129	79	78	59-115	1	
Benzo(a)anthracene	ug/kg	83.2	137	140	209	217	92	96	62-122	4	
Benzo(a)pyrene	ug/kg	95.4	137	140	222	230	92	96	56-113	4	
Benzo(b)fluoranthene	ug/kg	182	137	140	253	266	52	60	43-138	5	
Benzo(g,h,i)perylene	ug/kg	144	137	140	272	258	94	82	47-143	5	
Benzo(k)fluoranthene	ug/kg	140	137	140	186	189	33	35	52-138	2	M6
Chrysene	ug/kg	74.7	137	140	205	210	95	96	64-119	2	
Dibenz(a,h)anthracene	ug/kg	ND	137	140	155	152	91	87	59-133	2	
Fluoranthene	ug/kg	89.8	137	140	226	248	100	113	64-122	9	
Fluorene	ug/kg	ND	137	140	107	111	77	78	46-114	3	
Indeno(1,2,3-cd)pyrene	ug/kg	97.5	137	140	222	217	91	85	59-132	3	
Naphthalene	ug/kg	ND	137	140	209	133	134	77	47-108	44	M6,R1
Phenanthrene	ug/kg	ND	137	140	157	176	89	100	42-122	11	
Pyrene	ug/kg	86.3	137	140	232	240	107	110	64-117	3	
2-Fluorobiphenyl (S)	%						67	75	35-141		
Terphenyl-d14 (S)	%						85	83	64-141		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197605

QC Batch: 235156 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30197605001, 30197605002, 30197605003, 30197605004, 30197605005, 30197605006, 30197605007, 30197605008, 30197605009, 30197605010, 30197605011, 30197605012

SAMPLE DUPLICATE: 1154997

Parameter	Units	30196715001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	10.8	11.6	7	

SAMPLE DUPLICATE: 1154998

Parameter	Units	30196715002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	20.6	20.5	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197605

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.

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.

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.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

SAMPLE QUALIFIERS

Sample: 1155500

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Sample: 1155501

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

BATCH QUALIFIERS

Batch: 235430

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
IS	The internal standard response is below criteria. Results may be biased high.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197605

ANALYTE QUALIFIERS

ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30197605

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30197605001	**PL-3**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605002	**DI-1**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605003	**SW-7**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605004	**SW-8**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605005	**SW-5**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605006	**SW-6**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605007	**SW-4**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605008	**SW-9**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605009	**SW-11**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605010	**SW-10**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605011	**DI-2**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605012	**PL-6**	EPA 3546	235258	EPA 8270D by SIM	235320
30197605001	**PL-3**	EPA 5035A	235430	EPA 8260C	235517
30197605002	**DI-1**	EPA 5035A	235430	EPA 8260C	235517
30197605003	**SW-7**	EPA 5035A	235430	EPA 8260C	235517
30197605004	**SW-8**	EPA 5035A	235430	EPA 8260C	235517
30197605005	**SW-5**	EPA 5035A	235430	EPA 8260C	235517
30197605006	**SW-6**	EPA 5035A	235430	EPA 8260C	235517
30197605007	**SW-4**	EPA 5035A	235430	EPA 8260C	235517
30197605008	**SW-9**	EPA 5035A	235430	EPA 8260C	235517
30197605009	**SW-11**	EPA 5035A	235430	EPA 8260C	235517
30197605010	**SW-10**	EPA 5035A	235430	EPA 8260C	235517
30197605011	**DI-2**	EPA 5035A	235430	EPA 8260C	235517
30197605012	**PL-6**	EPA 5035A	235430	EPA 8260C	235517
30197605001	**PL-3**	ASTM D2974-87	235156		
30197605002	**DI-1**	ASTM D2974-87	235156		
30197605003	**SW-7**	ASTM D2974-87	235156		
30197605004	**SW-8**	ASTM D2974-87	235156		
30197605005	**SW-5**	ASTM D2974-87	235156		
30197605006	**SW-6**	ASTM D2974-87	235156		
30197605007	**SW-4**	ASTM D2974-87	235156		
30197605008	**SW-9**	ASTM D2974-87	235156		
30197605009	**SW-11**	ASTM D2974-87	235156		
30197605010	**SW-10**	ASTM D2974-87	235156		
30197605011	**DI-2**	ASTM D2974-87	235156		
30197605012	**PL-6**	ASTM D2974-87	235156		

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

2061852

Section A Required Client Information:

Company: EnviroTrac
Address: 5 Old Dock Rd. Yaphank, NY
Email To:
Phone: 631-924-3001 Fax:
Requested Due Date/TAT: 3-Day TAT!

Section B Required Project Information:

Report To: Joe Rennie
Copy To: Ed. Russo
Purchase Order No.:
Project Name: LENOX
Project Number: Speedway #7825

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NY

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

WO#: 30197605

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED 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 STARS VOCs	8270 STARS SVOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	PL-3 ~~(2)~~	SL	G			9/27/16	1345		2	2								X	X		001
2	DI-1 ~~(2)~~	SL	G			"	1400		2	2								X	X		002
3	SW-7	SL	G			"	1415		2	2								X	X		003
4	SW-8	SL	G			"	1500		2	2								X	X		004
5	SW-5	SL	G			9/28/16	1130		2	2								X	X		005
6	SW-6	SL	G			"	0915		2	2								X	X		006
7	SW-4	SL	G			"	1310		2	2								X	X		007
8	SW-9	SL	G			"	0930		2	2								X	X		008
9	SW-10	SL	G			"	1320		2	2								X	X		009
10	SW-10	SL	G			"	1140		2	2								X	X		010
11	DI-2	SL	G			"	1215		2	2								X	X		011
12	PL-6	SL	G			"	1220		2	2								X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3-Day TAT!!!	Crystal Bakewicz / ETNY	09/28/16	1830	[signature] / ETNY	9/29/16	11:20				
	[signature] / ETNY	9/29/16	11:30	[signature]	9-30-16	1040	5.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Crystal Bakewicz
SIGNATURE of SAMPLER: Crystal Bakewicz
DATE Signed (MM/DD/YY): 09/28/16

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

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: Enviroprac Project # 30197605

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

Tracking #: 8092 5169 4911

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Thermometer Used 6 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 6.1 °C Correction Factor: -0.2 °C Final Temp: 5.9 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KH 9-30-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:	✓			4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:	✓			8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used:	✓			
Containers Intact:	✓			11.
Filtered volume received for Dissolved tests			✓	12.
All containers needing preservation have been checked.			✓	13.
All containers needing preservation are found to be in compliance with EPA recommendation.			✓	
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed: KH Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):			✓	14.
Trip Blank Present:			✓	15.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: KH Date: 9-30-16

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 06, 2016

Mr. Joe Rennie
EnviroTrac
5 Old Dock Road
Yaphank, NY 11980

RE: Project: Speedway 7825
Pace Project No.: 30197785

Dear Mr. Rennie:
Enclosed are the analytical results for sample(s) received by the laboratory on October 01, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Rachel D Christner

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Dan Ruffini, EnviroTrac
Mr. Ed Russo, EnviroTrac

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30197785

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30197785

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30197785001	**SW-3**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197785002	**SW-12**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197785003	**SW-2**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197785004	**PL-4**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197785005	**PL-7**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197785006	**SW-1**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	20	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: SW-3 **Lab ID: 30197785001** Collected: 09/29/16 09:10 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**5950**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	83-32-9	
Acenaphthylene	**173**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	208-96-8	
Anthracene	**12800**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	120-12-7	
Benzo(a)anthracene	**30400**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	56-55-3	
Benzo(a)pyrene	**26000**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	50-32-8	
Benzo(b)fluoranthene	**47000**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	205-99-2	ip
Benzo(g,h,i)perylene	**7490**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	191-24-2	
Benzo(k)fluoranthene	**36300**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	207-08-9	ip
Chrysene	**27900**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	218-01-9	
Dibenz(a,h)anthracene	**2820**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	53-70-3	
Fluoranthene	**79800**	ug/kg	696	100	10/03/16 15:33	10/04/16 22:48	206-44-0	
Fluorene	**5170**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**7610**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	193-39-5	
Naphthalene	**781**	ug/kg	69.6	10	10/03/16 15:33	10/04/16 03:45	91-20-3	
Phenanthrene	**64400**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	85-01-8	
Pyrene	**66900**	ug/kg	348	50	10/03/16 15:33	10/04/16 18:44	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%	35-141	10	10/03/16 15:33	10/04/16 03:45	321-60-8	
Terphenyl-d14 (S)	73	%	64-141	10	10/03/16 15:33	10/04/16 03:45	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	1634-04-4	1c
Naphthalene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	103-65-1	1c
Toluene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	108-67-8	1c
Xylene (Total)	ND	ug/kg	17.2	1	10/05/16 13:02	10/05/16 19:30	1330-20-7	
m&p-Xylene	ND	ug/kg	11.5	1	10/05/16 13:02	10/05/16 19:30	179601-23-1	1c
o-Xylene	ND	ug/kg	5.7	1	10/05/16 13:02	10/05/16 19:30	95-47-6	1c
Surrogates								
Toluene-d8 (S)	103	%	68-135	1	10/05/16 13:02	10/05/16 19:30	2037-26-5	
4-Bromofluorobenzene (S)	98	%	65-146	1	10/05/16 13:02	10/05/16 19:30	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	69-137	1	10/05/16 13:02	10/05/16 19:30	17060-07-0	
Dibromofluoromethane (S)	95	%	70-130	1	10/05/16 13:02	10/05/16 19:30	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.8**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: SW-12 **Lab ID: 30197785002** Collected: 09/29/16 09:15 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	83-32-9	
Acenaphthylene	**82.8**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	208-96-8	
Anthracene	**496**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	120-12-7	
Benzo(a)anthracene	**1630**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	56-55-3	
Benzo(a)pyrene	**1610**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	50-32-8	IS
Benzo(b)fluoranthene	**3400**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	205-99-2	IS,ip
Benzo(g,h,i)perylene	**530**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	191-24-2	IS
Benzo(k)fluoranthene	**2620**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	207-08-9	IS,ip
Chrysene	**1450**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	218-01-9	
Dibenz(a,h)anthracene	**168**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	53-70-3	IS
Fluoranthene	**3510**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	206-44-0	
Fluorene	ND	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	86-73-7	
Indeno(1,2,3-cd)pyrene	**493**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	193-39-5	IS
Naphthalene	**90.1**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	91-20-3	
Phenanthrene	**1550**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	85-01-8	
Pyrene	**3210**	ug/kg	78.6	10	10/03/16 15:33	10/04/16 04:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/03/16 15:33	10/04/16 04:03	321-60-8	
Terphenyl-d14 (S)	77	%	64-141	10	10/03/16 15:33	10/04/16 04:03	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	71-43-2	1c
n-Butylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	98-06-6	1c
Ethylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	1634-04-4	1c
Naphthalene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	91-20-3	1c
n-Propylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	103-65-1	1c
Toluene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	108-67-8	1c
Xylene (Total)	ND	ug/kg	17.9	1	10/05/16 13:02	10/05/16 19:57	1330-20-7	
m&p-Xylene	ND	ug/kg	11.9	1	10/05/16 13:02	10/05/16 19:57	179601-23-1	1c
o-Xylene	ND	ug/kg	6.0	1	10/05/16 13:02	10/05/16 19:57	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/05/16 13:02	10/05/16 19:57	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-146	1	10/05/16 13:02	10/05/16 19:57	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	69-137	1	10/05/16 13:02	10/05/16 19:57	17060-07-0	
Dibromofluoromethane (S)	95	%	70-130	1	10/05/16 13:02	10/05/16 19:57	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.4**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: SW-2 **Lab ID: 30197785003** Collected: 09/29/16 10:40 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**273**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	83-32-9	
Acenaphthylene	ND	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	208-96-8	
Anthracene	**718**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	120-12-7	
Benzo(a)anthracene	**1550**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	56-55-3	
Benzo(a)pyrene	**1410**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	50-32-8	
Benzo(b)fluoranthene	**2390**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	205-99-2	
Benzo(g,h,i)perylene	**423**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	191-24-2	
Benzo(k)fluoranthene	**705**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	207-08-9	
Chrysene	**1420**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	218-01-9	
Dibenz(a,h)anthracene	**138**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	53-70-3	
Fluoranthene	**3680**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	206-44-0	
Fluorene	**208**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**400**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	193-39-5	
Naphthalene	ND	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	91-20-3	
Phenanthrene	**2640**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	85-01-8	
Pyrene	**3270**	ug/kg	68.9	10	10/03/16 15:33	10/04/16 04:20	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%	35-141	10	10/03/16 15:33	10/04/16 04:20	321-60-8	
Terphenyl-d14 (S)	70	%	64-141	10	10/03/16 15:33	10/04/16 04:20	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	1634-04-4	1c
Naphthalene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	103-65-1	1c
Toluene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	108-67-8	1c
Xylene (Total)	ND	ug/kg	16.0	1	10/05/16 13:02	10/05/16 20:23	1330-20-7	
m&p-Xylene	ND	ug/kg	10.7	1	10/05/16 13:02	10/05/16 20:23	179601-23-1	1c
o-Xylene	ND	ug/kg	5.3	1	10/05/16 13:02	10/05/16 20:23	95-47-6	1c
Surrogates								
Toluene-d8 (S)	102	%	68-135	1	10/05/16 13:02	10/05/16 20:23	2037-26-5	
4-Bromofluorobenzene (S)	99	%	65-146	1	10/05/16 13:02	10/05/16 20:23	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	69-137	1	10/05/16 13:02	10/05/16 20:23	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/05/16 13:02	10/05/16 20:23	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.2**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: PL-4 **Lab ID: 30197785004** Collected: 09/29/16 11:05 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**291**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	83-32-9	
Acenaphthylene	ND	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	208-96-8	
Anthracene	**598**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	120-12-7	
Benzo(a)anthracene	**1390**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	56-55-3	
Benzo(a)pyrene	**1390**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	50-32-8	IS
Benzo(b)fluoranthene	**3070**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	205-99-2	IS,ip
Benzo(g,h,i)perylene	**441**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	191-24-2	IS
Benzo(k)fluoranthene	**2370**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	207-08-9	IS,ip
Chrysene	**1280**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	218-01-9	
Dibenz(a,h)anthracene	**133**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	53-70-3	IS
Fluoranthene	**3200**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	206-44-0	
Fluorene	**194**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	86-73-7	
Indeno(1,2,3-cd)pyrene	**392**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	193-39-5	IS
Naphthalene	**147**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	91-20-3	
Phenanthrene	**2600**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	85-01-8	
Pyrene	**2940**	ug/kg	72.8	10	10/03/16 15:33	10/04/16 04:38	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%	35-141	10	10/03/16 15:33	10/04/16 04:38	321-60-8	
Terphenyl-d14 (S)	71	%	64-141	10	10/03/16 15:33	10/04/16 04:38	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	71-43-2	1c
n-Butylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	98-06-6	1c
Ethylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	1634-04-4	1c
Naphthalene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	91-20-3	1c
n-Propylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	103-65-1	1c
Toluene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	108-67-8	1c
Xylene (Total)	ND	ug/kg	14.1	1	10/05/16 13:02	10/05/16 20:50	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1	10/05/16 13:02	10/05/16 20:50	179601-23-1	1c
o-Xylene	ND	ug/kg	4.7	1	10/05/16 13:02	10/05/16 20:50	95-47-6	1c
Surrogates								
Toluene-d8 (S)	105	%	68-135	1	10/05/16 13:02	10/05/16 20:50	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-146	1	10/05/16 13:02	10/05/16 20:50	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	69-137	1	10/05/16 13:02	10/05/16 20:50	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/05/16 13:02	10/05/16 20:50	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.4**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: PL-7 **Lab ID: 30197785005** Collected: 09/29/16 11:00 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	83-32-9	
Acenaphthylene	**107**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	208-96-8	
Anthracene	**261**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	120-12-7	
Benzo(a)anthracene	**1020**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	56-55-3	
Benzo(a)pyrene	**1030**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	50-32-8	
Benzo(b)fluoranthene	**1750**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	205-99-2	
Benzo(g,h,i)perylene	**379**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	191-24-2	
Benzo(k)fluoranthene	**580**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	207-08-9	
Chrysene	**978**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	218-01-9	
Dibenz(a,h)anthracene	**119**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	53-70-3	
Fluoranthene	**2110**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	206-44-0	
Fluorene	ND	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	86-73-7	
Indeno(1,2,3-cd)pyrene	**338**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	193-39-5	
Naphthalene	**183**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	91-20-3	
Phenanthrene	**1010**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	85-01-8	
Pyrene	**1870**	ug/kg	70.8	10	10/03/16 15:33	10/04/16 04:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	51	%	35-141	10	10/03/16 15:33	10/04/16 04:55	321-60-8	
Terphenyl-d14 (S)	56	%	64-141	10	10/03/16 15:33	10/04/16 04:55	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	1634-04-4	1c
Naphthalene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	103-65-1	1c
Toluene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	108-67-8	1c
Xylene (Total)	ND	ug/kg	16.6	1	10/05/16 13:02	10/05/16 21:16	1330-20-7	
m&p-Xylene	ND	ug/kg	11.0	1	10/05/16 13:02	10/05/16 21:16	179601-23-1	1c
o-Xylene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:16	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/05/16 13:02	10/05/16 21:16	2037-26-5	
4-Bromofluorobenzene (S)	96	%	65-146	1	10/05/16 13:02	10/05/16 21:16	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	69-137	1	10/05/16 13:02	10/05/16 21:16	17060-07-0	
Dibromofluoromethane (S)	93	%	70-130	1	10/05/16 13:02	10/05/16 21:16	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.0**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197785

Sample: SW-1 **Lab ID: 30197785006** Collected: 09/29/16 11:25 Received: 10/01/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	83-32-9	
Acenaphthylene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	208-96-8	
Anthracene	**78.4**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	120-12-7	
Benzo(a)anthracene	**204**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	56-55-3	
Benzo(a)pyrene	**167**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	50-32-8	
Benzo(b)fluoranthene	**319**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	205-99-2	ip
Benzo(g,h,i)perylene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	191-24-2	
Benzo(k)fluoranthene	**247**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	207-08-9	ip
Chrysene	**210**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	53-70-3	
Fluoranthene	**368**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	206-44-0	
Fluorene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	193-39-5	
Naphthalene	ND	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	91-20-3	
Phenanthrene	**532**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	85-01-8	
Pyrene	**528**	ug/kg	72.0	10	10/03/16 15:33	10/04/16 05:13	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%	35-141	10	10/03/16 15:33	10/04/16 05:13	321-60-8	
Terphenyl-d14 (S)	74	%	64-141	10	10/03/16 15:33	10/04/16 05:13	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	1634-04-4	1c
Naphthalene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	103-65-1	1c
Toluene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	108-67-8	1c
Xylene (Total)	ND	ug/kg	16.5	1	10/05/16 13:02	10/05/16 21:43	1330-20-7	
m&p-Xylene	ND	ug/kg	11.0	1	10/05/16 13:02	10/05/16 21:43	179601-23-1	1c
o-Xylene	ND	ug/kg	5.5	1	10/05/16 13:02	10/05/16 21:43	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/05/16 13:02	10/05/16 21:43	2037-26-5	
4-Bromofluorobenzene (S)	97	%	65-146	1	10/05/16 13:02	10/05/16 21:43	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	69-137	1	10/05/16 13:02	10/05/16 21:43	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/05/16 13:02	10/05/16 21:43	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.6**	%	0.10	1		10/03/16 16:45		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197785

QC Batch: 235581 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197785001, 30197785002, 30197785003, 30197785004, 30197785005, 30197785006

METHOD BLANK: 1157177 Matrix: Solid
Associated Lab Samples: 30197785001, 30197785002, 30197785003, 30197785004, 30197785005, 30197785006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
Benzene	ug/kg	ND	5.0	10/05/16 12:07	
Ethylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/05/16 12:07	
m&p-Xylene	ug/kg	ND	10.0	10/05/16 12:07	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/05/16 12:07	
n-Butylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
n-Propylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
Naphthalene	ug/kg	ND	5.0	10/05/16 12:07	
o-Xylene	ug/kg	ND	5.0	10/05/16 12:07	
p-Isopropyltoluene	ug/kg	ND	5.0	10/05/16 12:07	
sec-Butylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
tert-Butylbenzene	ug/kg	ND	5.0	10/05/16 12:07	
Toluene	ug/kg	ND	5.0	10/05/16 12:07	
Xylene (Total)	ug/kg	ND	15.0	10/05/16 12:07	
1,2-Dichloroethane-d4 (S)	%	104	69-137	10/05/16 12:07	
4-Bromofluorobenzene (S)	%	94	65-146	10/05/16 12:07	
Dibromofluoromethane (S)	%	96	70-130	10/05/16 12:07	
Toluene-d8 (S)	%	102	68-135	10/05/16 12:07	

LABORATORY CONTROL SAMPLE: 1157178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	20.1	101	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	18.6	93	74-129	
Benzene	ug/kg	20	18.5	92	71-137	
Ethylbenzene	ug/kg	20	19.0	95	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	18.5	92	78-133	
m&p-Xylene	ug/kg	40	32.1	80	77-129	
Methyl-tert-butyl ether	ug/kg	20	19.5	97	77-141	
n-Butylbenzene	ug/kg	20	19.2	96	74-140	
n-Propylbenzene	ug/kg	20	19.3	96	70-140	
Naphthalene	ug/kg	20	17.1	86	81-126	
o-Xylene	ug/kg	20	19.7	99	80-125	
p-Isopropyltoluene	ug/kg	20	18.9	95	74-136	
sec-Butylbenzene	ug/kg	20	20.8	104	81-132	
tert-Butylbenzene	ug/kg	20	19.2	96	77-129	
Toluene	ug/kg	20	19.3	96	72-127	
Xylene (Total)	ug/kg	60	51.8	86	80-124	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197785

LABORATORY CONTROL SAMPLE: 1157178

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			100	69-137	
4-Bromofluorobenzene (S)	%			97	65-146	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			103	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197785

QC Batch: 235258 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30197785001, 30197785002, 30197785003, 30197785004, 30197785005, 30197785006

METHOD BLANK: 1155498 Matrix: Solid
Associated Lab Samples: 30197785001, 30197785002, 30197785003, 30197785004, 30197785005, 30197785006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/03/16 21:40	
Acenaphthylene	ug/kg	ND	6.7	10/03/16 21:40	
Anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(a)anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(a)pyrene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/03/16 21:40	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Chrysene	ug/kg	ND	6.7	10/03/16 21:40	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/03/16 21:40	
Fluoranthene	ug/kg	ND	6.7	10/03/16 21:40	
Fluorene	ug/kg	ND	6.7	10/03/16 21:40	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/03/16 21:40	
Naphthalene	ug/kg	ND	6.7	10/03/16 21:40	
Phenanthrene	ug/kg	ND	6.7	10/03/16 21:40	
Pyrene	ug/kg	ND	6.7	10/03/16 21:40	
2-Fluorobiphenyl (S)	%	73	35-141	10/03/16 21:40	
Terphenyl-d14 (S)	%	83	64-141	10/03/16 21:40	

LABORATORY CONTROL SAMPLE: 1155499

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	116	87	43-113	
Acenaphthylene	ug/kg	133	117	88	41-114	
Anthracene	ug/kg	133	112	84	59-115	
Benzo(a)anthracene	ug/kg	133	119	89	62-122	
Benzo(a)pyrene	ug/kg	133	119	89	56-113	
Benzo(b)fluoranthene	ug/kg	133	125	94	43-138	
Benzo(g,h,i)perylene	ug/kg	133	122	91	47-143	
Benzo(k)fluoranthene	ug/kg	133	119	89	52-138	
Chrysene	ug/kg	133	125	93	64-119	
Dibenz(a,h)anthracene	ug/kg	133	123	92	59-133	
Fluoranthene	ug/kg	133	119	89	64-122	
Fluorene	ug/kg	133	115	86	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	124	93	59-132	
Naphthalene	ug/kg	133	111	84	47-108	
Phenanthrene	ug/kg	133	114	85	42-122	
Pyrene	ug/kg	133	119	89	64-117	
2-Fluorobiphenyl (S)	%			84	35-141	
Terphenyl-d14 (S)	%			89	64-141	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1155500 1155501

Parameter	Units	30197605001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	ND	137	140	110	117	78	82	43-113	6	
Acenaphthylene	ug/kg	ND	137	140	132	140	78	82	41-114	6	
Anthracene	ug/kg	ND	137	140	128	129	79	78	59-115	1	
Benzo(a)anthracene	ug/kg	83.2	137	140	209	217	92	96	62-122	4	
Benzo(a)pyrene	ug/kg	95.4	137	140	222	230	92	96	56-113	4	
Benzo(b)fluoranthene	ug/kg	182	137	140	253	266	52	60	43-138	5	
Benzo(g,h,i)perylene	ug/kg	144	137	140	272	258	94	82	47-143	5	
Benzo(k)fluoranthene	ug/kg	140	137	140	186	189	33	35	52-138	2	M6
Chrysene	ug/kg	74.7	137	140	205	210	95	96	64-119	2	
Dibenz(a,h)anthracene	ug/kg	ND	137	140	155	152	91	87	59-133	2	
Fluoranthene	ug/kg	89.8	137	140	226	248	100	113	64-122	9	
Fluorene	ug/kg	ND	137	140	107	111	77	78	46-114	3	
Indeno(1,2,3-cd)pyrene	ug/kg	97.5	137	140	222	217	91	85	59-132	3	
Naphthalene	ug/kg	ND	137	140	209	133	134	77	47-108	44	M6,R1
Phenanthrene	ug/kg	ND	137	140	157	176	89	100	42-122	11	
Pyrene	ug/kg	86.3	137	140	232	240	107	110	64-117	3	
2-Fluorobiphenyl (S)	%						67	75	35-141		
Terphenyl-d14 (S)	%						85	83	64-141		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197785

QC Batch: 235293 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30197785001, 30197785002, 30197785003, 30197785004, 30197785005, 30197785006

SAMPLE DUPLICATE: 1155584

Parameter	Units	30196827007 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	19.1	19.5	2	

SAMPLE DUPLICATE: 1155585

Parameter	Units	30196827008 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	11.8	12.4	5	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197785

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.

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.

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.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

SAMPLE QUALIFIERS

Sample: 1155500

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Sample: 1155501

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

BATCH QUALIFIERS

Batch: 235581

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
IS	The internal standard response is below criteria. Results may be biased high.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30197785

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30197785001	**SW-3**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785002	**SW-12**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785003	**SW-2**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785004	**PL-4**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785005	**PL-7**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785006	**SW-1**	EPA 3546	235258	EPA 8270D by SIM	235320
30197785001	**SW-3**	EPA 5035A	235581	EPA 8260C	235686
30197785002	**SW-12**	EPA 5035A	235581	EPA 8260C	235686
30197785003	**SW-2**	EPA 5035A	235581	EPA 8260C	235686
30197785004	**PL-4**	EPA 5035A	235581	EPA 8260C	235686
30197785005	**PL-7**	EPA 5035A	235581	EPA 8260C	235686
30197785006	**SW-1**	EPA 5035A	235581	EPA 8260C	235686
30197785001	**SW-3**	ASTM D2974-87	235293		
30197785002	**SW-12**	ASTM D2974-87	235293		
30197785003	**SW-2**	ASTM D2974-87	235293		
30197785004	**PL-4**	ASTM D2974-87	235293		
30197785005	**PL-7**	ASTM D2974-87	235293		
30197785006	**SW-1**	ASTM D2974-87	235293		

CHAIN-OF-CUSTODY / Analytical Request Document

Pace Analytical™ www.pacelabs.com

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

Page: 1 of 1

Section A Required Client Information:

Company:	EnviroTrac Ltd.
Address:	5 Old Dock Road
	Yaphank, NY 11980
Email To:	edr@envirotrac.com
Phone:	631-924-3001 Fax:
Requested Due Date/TAT:	3-Day

Section B Required Project Information:

Report To:	edr@envirotrac.com
Copy To:	
Purchase Order No.:	
Project Name:	Lenox
Project Number:	Speedway #7825

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES / GROUND WATER / DRINKING WATER / UST / RCRA / OTHER ______

Site Location STATE: ______

WO#:30197785

30197785

Section D Required Client Information

Valid Matrix Codes

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

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	8260 STARS (VOCs)	8270 STARS (SVOCs)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-3	SL	G	-	-	9/29/16	0510		2	X									X	X		001
2	SW-12	SL	G	-	-	↓	0915		2	X									X	X		002
3	SW-2	SL	G	-	-		1210		2	X									X	X		003
4	PL-4	SL	G	-	-		1105		2	X									X	X		004
5	PL-7	SL	G	-	-		1100		2	X									X	X		005
6	SW-1	SL	G	-	-		1125		2	X									X	X		006
7																						
8																						
9																						
10																						
11																						
12																						

Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3 DAY TURNAROUND	[signature] / ETG	09/29/16	1800	[signature] / ETG	9/30/16	10:20				
	[signature] / ETG	09/30/16	11:00	[signature] / Pace	10-1-16	1030	4.2	Y	N	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: EnviroTrac Project # 30197785

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

Tracking #: 8099 1999 5809

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Thermometer Used 6 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 4.4 °C Correction Factor: -0.2 °C Final Temp: 4.2 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: DMR 6-10-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	X			1.
Chain of Custody Filled Out:	X			2.
Chain of Custody Relinquished:	X			3.
Sampler Name & Signature on COC:		X		4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	X			5.
Samples Arrived within Hold Time:	X			6.
Short Hold Time Analysis (<72hr remaining):		X		7.
Rush Turn Around Time Requested:	X			8.
Sufficient Volume:	X			9.
Correct Containers Used:	X			10.
-Pace Containers Used:	X			
Containers Intact:	X			11.
Filtered volume received for Dissolved tests			X	12.
All containers needing preservation have been checked.			X	13.
All containers needing preservation are found to be in compliance with EPA recommendation.			X	
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed: DMR Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):			X	14.
Trip Blank Present:		X		15.
Trip Blank Custody Seals Present			X	
Rad Aqueous Samples Screened > 0.5 mrem/hr			X	Initial when completed: Date:

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 13, 2016

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

RE: Project: Speedway 7825
Pace Project No.: 30197923

Dear Mr. Russo:
Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Revision 1 - This report was reissued on October 13, 2016 to include 8270 Naphthalene.

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

Sincerely,

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Joe Rennie, EnviroTrac
Mr. Dan Ruffini, EnviroTrac

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30197923

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30197923

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30197923001	**SW-13**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197923002	**SW-14**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197923003	**SW-15**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197923

Sample: SW-13 **Lab ID: 30197923001** Collected: 09/30/16 10:45 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	83-32-9	
Acenaphthylene	ND	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	208-96-8	M6,R1
Anthracene	**112**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	120-12-7	M6,R1
Benzo(a)anthracene	**331**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	56-55-3	M6,R1
Benzo(a)pyrene	**368**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	50-32-8	M6,R1
Benzo(b)fluoranthene	**522**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	205-99-2	M6,R1
Benzo(g,h,i)perylene	**356**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	191-24-2	M6,R1
Benzo(k)fluoranthene	**176**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	207-08-9	M6,R1
Chrysene	**361**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	218-01-9	M6,R1
Dibenz(a,h)anthracene	**78.6**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	53-70-3	R1
Fluoranthene	**632**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	206-44-0	M6,R1
Fluorene	ND	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**241**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	193-39-5	M6,R1
Naphthalene	ND	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	91-20-3	R1
Phenanthrene	**359**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	85-01-8	M6,R1
Pyrene	**632**	ug/kg	74.7	10	10/05/16 10:01	10/05/16 22:20	129-00-0	M6,R1
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/05/16 10:01	10/05/16 22:20	321-60-8	
Terphenyl-d14 (S)	69	%	64-141	10	10/05/16 10:01	10/05/16 22:20	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	1634-04-4	1c
Naphthalene	**7.9**	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	103-65-1	1c
Toluene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.3	1	10/06/16 14:15	10/06/16 19:09	179601-23-1	1c
o-Xylene	ND	ug/kg	5.6	1	10/06/16 14:15	10/06/16 19:09	95-47-6	1c
Surrogates								
Toluene-d8 (S)	102	%	68-135	1	10/06/16 14:15	10/06/16 19:09	2037-26-5	
4-Bromofluorobenzene (S)	112	%	65-146	1	10/06/16 14:15	10/06/16 19:09	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	69-137	1	10/06/16 14:15	10/06/16 19:09	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1	10/06/16 14:15	10/06/16 19:09	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.1**	%	0.10	1		10/05/16 09:01		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197923

Sample: SW-14 **Lab ID: 30197923002** Collected: 09/30/16 11:00 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**144**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	83-32-9	
Acenaphthylene	ND	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	208-96-8	
Anthracene	**94.6**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	120-12-7	
Benzo(a)anthracene	**109**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	56-55-3	
Benzo(a)pyrene	**84.9**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	50-32-8	
Benzo(b)fluoranthene	**142**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	205-99-2	ip
Benzo(g,h,i)perylene	**117**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	191-24-2	
Benzo(k)fluoranthene	**110**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	207-08-9	ip
Chrysene	ND	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	53-70-3	
Fluoranthene	**322**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	206-44-0	
Fluorene	**118**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**80.0**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	193-39-5	
Naphthalene	**215**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	91-20-3	
Phenanthrene	**455**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	85-01-8	
Pyrene	**264**	ug/kg	71.8	10	10/05/16 10:01	10/05/16 23:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	63	%	35-141	10	10/05/16 10:01	10/05/16 23:12	321-60-8	
Terphenyl-d14 (S)	58	%	64-141	10	10/05/16 10:01	10/05/16 23:12	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	1634-04-4	1c
Naphthalene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	103-65-1	1c
Toluene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	95-63-6	1c
1,3,5-Trimethylbenzene	**130**	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.3	1	10/06/16 14:15	10/06/16 19:35	179601-23-1	1c
o-Xylene	**18.1**	ug/kg	5.2	1	10/06/16 14:15	10/06/16 19:35	95-47-6	1c
Surrogates								
Toluene-d8 (S)	125	%	68-135	1	10/06/16 14:15	10/06/16 19:35	2037-26-5	
4-Bromofluorobenzene (S)	107	%	65-146	1	10/06/16 14:15	10/06/16 19:35	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	69-137	1	10/06/16 14:15	10/06/16 19:35	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/06/16 14:15	10/06/16 19:35	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.5**	%	0.10	1		10/05/16 09:00		D6

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197923

Sample: SW-15 **Lab ID: 30197923003** Collected: 09/30/16 11:30 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**12200**	ug/kg	73.5	10	10/05/16 10:01	10/05/16 23:30	83-32-9	
Acenaphthylene	**966**	ug/kg	73.5	10	10/05/16 10:01	10/05/16 23:30	208-96-8	
Anthracene	**22900**	ug/kg	147	20	10/05/16 10:01	10/06/16 19:32	120-12-7	
Benzo(a)anthracene	**66000**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	56-55-3	
Benzo(a)pyrene	**51800**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	50-32-8	
Benzo(b)fluoranthene	**101000**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	205-99-2	ip
Benzo(g,h,i)perylene	**25500**	ug/kg	147	20	10/05/16 10:01	10/06/16 19:32	191-24-2	
Benzo(k)fluoranthene	**78100**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	207-08-9	ip
Chrysene	**56600**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	218-01-9	
Dibenz(a,h)anthracene	**10300**	ug/kg	73.5	10	10/05/16 10:01	10/05/16 23:30	53-70-3	
Fluoranthene	**141000**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	206-44-0	
Fluorene	**8900**	ug/kg	73.5	10	10/05/16 10:01	10/05/16 23:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**26900**	ug/kg	147	20	10/05/16 10:01	10/06/16 19:32	193-39-5	
Naphthalene	**4250**	ug/kg	73.5	10	10/05/16 10:01	10/05/16 23:30	91-20-3	
Phenanthrene	**116000**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	85-01-8	
Pyrene	**118000**	ug/kg	735	100	10/05/16 10:01	10/06/16 19:49	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%	35-141	10	10/05/16 10:01	10/05/16 23:30	321-60-8	
Terphenyl-d14 (S)	72	%	64-141	10	10/05/16 10:01	10/05/16 23:30	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	1634-04-4	1c
Naphthalene	**40.8**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	103-65-1	1c
Toluene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.1	1	10/06/16 14:15	10/06/16 20:01	179601-23-1	1c
o-Xylene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 20:01	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/06/16 14:15	10/06/16 20:01	2037-26-5	
4-Bromofluorobenzene (S)	105	%	65-146	1	10/06/16 14:15	10/06/16 20:01	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	69-137	1	10/06/16 14:15	10/06/16 20:01	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1	10/06/16 14:15	10/06/16 20:01	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.1**	%	0.10	1		10/05/16 09:01		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197923

QC Batch: 235811 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197923001, 30197923002, 30197923003

METHOD BLANK: 1158189 Matrix: Solid
Associated Lab Samples: 30197923001, 30197923002, 30197923003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Benzene	ug/kg	ND	5.0	10/06/16 13:49	
Ethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/06/16 13:49	
m&p-Xylene	ug/kg	ND	10.0	10/06/16 13:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/06/16 13:49	
n-Butylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
n-Propylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Naphthalene	ug/kg	ND	5.0	10/06/16 13:49	
o-Xylene	ug/kg	ND	5.0	10/06/16 13:49	
p-Isopropyltoluene	ug/kg	ND	5.0	10/06/16 13:49	
sec-Butylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
tert-Butylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Toluene	ug/kg	ND	5.0	10/06/16 13:49	
1,2-Dichloroethane-d4 (S)	%	105	69-137	10/06/16 13:49	
4-Bromofluorobenzene (S)	%	103	65-146	10/06/16 13:49	
Dibromofluoromethane (S)	%	104	70-130	10/06/16 13:49	
Toluene-d8 (S)	%	102	68-135	10/06/16 13:49	

LABORATORY CONTROL SAMPLE: 1158190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	19.1	95	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	18.6	93	74-129	
Benzene	ug/kg	20	18.9	94	71-137	
Ethylbenzene	ug/kg	20	18.2	91	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	19.0	95	78-133	
m&p-Xylene	ug/kg	40	35.5	89	77-129	
Methyl-tert-butyl ether	ug/kg	20	19.8	99	77-141	
n-Butylbenzene	ug/kg	20	19.8	99	74-140	
n-Propylbenzene	ug/kg	20	19.5	98	70-140	
Naphthalene	ug/kg	20	19.8	99	81-126	
o-Xylene	ug/kg	20	18.0	90	80-125	
p-Isopropyltoluene	ug/kg	20	19.5	97	74-136	
sec-Butylbenzene	ug/kg	20	19.3	97	81-132	
tert-Butylbenzene	ug/kg	20	18.9	95	77-129	
Toluene	ug/kg	20	18.0	90	72-127	
1,2-Dichloroethane-d4 (S)	%			106	69-137	
4-Bromofluorobenzene (S)	%			99	65-146	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197923

LABORATORY CONTROL SAMPLE: 1158190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			103	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197923

QC Batch: 235526 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30197923001, 30197923002, 30197923003

METHOD BLANK: 1156883 Matrix: Solid
Associated Lab Samples: 30197923001, 30197923002, 30197923003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/05/16 20:01	
Acenaphthylene	ug/kg	ND	6.7	10/05/16 20:01	
Anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(a)anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(a)pyrene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Chrysene	ug/kg	ND	6.7	10/05/16 20:01	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Fluorene	ug/kg	ND	6.7	10/05/16 20:01	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/05/16 20:01	
Naphthalene	ug/kg	ND	6.7	10/05/16 20:01	
Phenanthrene	ug/kg	ND	6.7	10/05/16 20:01	
Pyrene	ug/kg	ND	6.7	10/05/16 20:01	
2-Fluorobiphenyl (S)	%	72	35-141	10/05/16 20:01	
Terphenyl-d14 (S)	%	75	64-141	10/05/16 20:01	

LABORATORY CONTROL SAMPLE: 1156884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	121	91	43-113	
Acenaphthylene	ug/kg	133	122	91	41-114	
Anthracene	ug/kg	133	112	84	59-115	
Benzo(a)anthracene	ug/kg	133	118	89	62-122	
Benzo(a)pyrene	ug/kg	133	117	88	56-113	
Benzo(b)fluoranthene	ug/kg	133	128	96	43-138	
Benzo(g,h,i)perylene	ug/kg	133	118	89	47-143	
Benzo(k)fluoranthene	ug/kg	133	114	86	52-138	
Chrysene	ug/kg	133	124	93	64-119	
Dibenz(a,h)anthracene	ug/kg	133	110	82	59-133	
Fluoranthene	ug/kg	133	118	89	64-122	
Fluorene	ug/kg	133	114	85	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	114	86	59-132	
Naphthalene	ug/kg	133	124	93	47-108	
Phenanthrene	ug/kg	133	119	89	42-122	
Pyrene	ug/kg	133	119	89	64-117	
2-Fluorobiphenyl (S)	%			91	35-141	
Terphenyl-d14 (S)	%			85	64-141	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197923

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1156885 1156886

Parameter	Units	30197923001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	ND	148	147	130	146	67	78	43-113	11	
Acenaphthylene	ug/kg	ND	148	147	184	251	80	126	41-114	31	M6,R1
Anthracene	ug/kg	112	148	147	196	267	56	105	59-115	31	M6,R1
Benzo(a)anthracene	ug/kg	331	148	147	443	726	75	268	62-122	48	M6,R1
Benzo(a)pyrene	ug/kg	368	148	147	473	739	71	252	56-113	44	M6,R1
Benzo(b)fluoranthene	ug/kg	522	148	147	603	1020	55	342	43-138	52	M6,R1
Benzo(g,h,i)perylene	ug/kg	356	148	147	461	603	71	168	47-143	27	M6,R1
Benzo(k)fluoranthene	ug/kg	176	148	147	311	454	90	189	52-138	38	M6,R1
Chrysene	ug/kg	361	148	147	426	744	44	260	64-119	54	M6,R1
Dibenz(a,h)anthracene	ug/kg	78.6	148	147	175	237	65	108	59-133	30	R1
Fluoranthene	ug/kg	632	148	147	705	1340	49	482	64-122	62	M6,R1
Fluorene	ug/kg	ND	148	147	112	122	63	71	46-114	9	
Indeno(1,2,3-cd)pyrene	ug/kg	241	148	147	344	490	69	169	59-132	35	M6,R1
Naphthalene	ug/kg	ND	148	147	135	185	68	103	47-108	31	R1
Phenanthrene	ug/kg	359	148	147	364	708	3	237	42-122	64	M6,R1
Pyrene	ug/kg	632	148	147	688	1160	38	359	64-117	51	M6,R1
2-Fluorobiphenyl (S)	%						69	80	35-141		
Terphenyl-d14 (S)	%						66	73	64-141		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197923

QC Batch: 235535 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30197923001, 30197923002, 30197923003

SAMPLE DUPLICATE: 1156931

Parameter	Units	30197923002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	7.5	11.2	40	D6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197923

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.

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.

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.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

SAMPLE QUALIFIERS

Sample: 1156885

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Sample: 1156886

[1]	8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

BATCH QUALIFIERS

Batch: 235811

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30197923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30197923001	**SW-13**	EPA 3546	235526	EPA 8270D by SIM	235672
30197923002	**SW-14**	EPA 3546	235526	EPA 8270D by SIM	235672
30197923003	**SW-15**	EPA 3546	235526	EPA 8270D by SIM	235672
30197923001	**SW-13**	EPA 5035A	235811	EPA 8260C	235919
30197923002	**SW-14**	EPA 5035A	235811	EPA 8260C	235919
30197923003	**SW-15**	EPA 5035A	235811	EPA 8260C	235919
30197923001	**SW-13**	ASTM D2974-87	235535		
30197923002	**SW-14**	ASTM D2974-87	235535		
30197923003	**SW-15**	ASTM D2974-87	235535		

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A
Required Client Information:

Company:	EnviroTrac Ltd.
Address:	5 Old Dock Road
	Yaphank, NY 11980
Email To:	edr@envirotrac.com
Phone:	631-924-3001 Fax:
Requested Due Date/TAT:	3-Day

Section B
Required Project Information:

Report To:	edr@envirotrac.com
Copy To:	
Purchase Order No.:	
Project Name:	Lenox
Project Number:	Speedway #7825

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER ______

Site Location STATE: ______

WO#:30197923
30197923

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

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

ITEM #	SAMPLE ID	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 (Requested Analysis Filtered (Y/N))	8260 STARS (VOCs)	8270 STARS (SVOCs)	Residu	Pace Project No./ Lab I.D.
1	SW-13	SL	G	-	-	9/30/16	10:45		2	X									X	X		001
2	SW-14	SL	G	-	-	↓	11:00		2	X									X	X		002
3	SW-15	SL	G	-	-	↓	11:30		2	X									X	X		003
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3 DAY TURNAROUND	[illegible] / ETrag	9/30/16	12:30	[illegible] / ETrag	10/[illegible]/16	10:00				
	[illegible] / ETrag	10/3/16	10:30	Karen E. Hill	10-4-16	1030	0.4	Y	N	Y

SAMPLE CONDITIONS

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: EnviroTrac Ltd. Project # 30197923

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

Tracking #: 8096 9949 9865

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Thermometer Used 6 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 0.6 °C Correction Factor: -0.2 °C Final Temp: 0.4 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KH 10-4-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:	✓			8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used:	✓			
Containers Intact:	✓			11.
Filtered volume received for Dissolved tests			✓	12.
All containers needing preservation have been checked.			✓	13.
All containers needing preservation are found to be in compliance with EPA recommendation.			✓	
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed KH Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):			✓	14.
Trip Blank Present:			✓	15.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: KH Date: 10-4-16

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 14, 2016

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

RE: Project: Speedway 7825
Pace Project No.: 30197922

Dear Mr. Russo:
Enclosed are the analytical results for sample(s) received by the laboratory on October 04, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Revision 1 - This report was reissued on October 14, 2016 to include Naphthalene by 8270.

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

Sincerely,

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Joe Rennie, EnviroTrac
Mr. Dan Ruffini, EnviroTrac

Pace Analytical Services, LLC
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CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30197922

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
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Greensburg, PA 15601
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SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30197922

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30197922001	**B-1**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197922002	**B-2**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197922003	**B-3**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197922004	**B-4**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197922005	**B-5**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA
30197922006	**B-6**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	SRA	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-1 **Lab ID: 30197922001** Collected: 09/30/16 13:37 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**453**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	83-32-9	
Acenaphthylene	**122**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	208-96-8	
Anthracene	**211**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	120-12-7	
Benzo(a)anthracene	**146**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	56-55-3	
Benzo(a)pyrene	**113**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	50-32-8	
Benzo(b)fluoranthene	**251**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	205-99-2	ip
Benzo(g,h,i)perylene	**91.9**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	191-24-2	
Benzo(k)fluoranthene	**194**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	207-08-9	ip
Chrysene	**143**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	218-01-9	
Dibenz(a,h)anthracene	**26.0**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	53-70-3	
Fluoranthene	**663**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	206-44-0	
Fluorene	**384**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	86-73-7	
Indeno(1,2,3-cd)pyrene	**67.9**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	193-39-5	
Naphthalene	**5250**	ug/kg	151	20	10/05/16 10:01	10/13/16 18:55	91-20-3	
Phenanthrene	**1230**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	85-01-8	
Pyrene	**526**	ug/kg	7.5	1	10/05/16 10:01	10/05/16 20:36	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%	35-141	1	10/05/16 10:01	10/05/16 20:36	321-60-8	
Terphenyl-d14 (S)	67	%	64-141	1	10/05/16 10:01	10/05/16 20:36	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	71-43-2	1c,M5
n-Butylbenzene	**6800**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	104-51-8	1c,M5
sec-Butylbenzene	**2860**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	135-98-8	1c,M5
tert-Butylbenzene	ND	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	98-06-6	1c,M5
Ethylbenzene	**14400**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	100-41-4	1c,M5
Isopropylbenzene (Cumene)	**6570**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	98-82-8	1c,M5
p-Isopropyltoluene	**1500**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	99-87-6	1c,M5
Methyl-tert-butyl ether	ND	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	1634-04-4	1c,M5
Naphthalene	**12900**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	91-20-3	1c,M5
n-Propylbenzene	**31500**	ug/kg	2660	500	10/06/16 14:16	10/07/16 14:38	103-65-1	1c,M5
Toluene	**274**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	108-88-3	1c,M5
1,2,4-Trimethylbenzene	**5830**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	95-63-6	1c,M5
1,3,5-Trimethylbenzene	**1420**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	108-67-8	1c,M5
m&p-Xylene	**2640**	ug/kg	531	50	10/06/16 14:16	10/06/16 20:27	179601-23-1	1c,M5
o-Xylene	**1020**	ug/kg	266	50	10/06/16 14:16	10/06/16 20:27	95-47-6	1c,M5
Surrogates								
Toluene-d8 (S)	129	%	68-135	50	10/06/16 14:16	10/06/16 20:27	2037-26-5	M5
4-Bromofluorobenzene (S)	124	%	65-146	50	10/06/16 14:16	10/06/16 20:27	460-00-4	M5
1,2-Dichloroethane-d4 (S)	102	%	69-137	50	10/06/16 14:16	10/06/16 20:27	17060-07-0	M5
Dibromofluoromethane (S)	89	%	70-130	50	10/06/16 14:16	10/06/16 20:27	1868-53-7	M5
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.9**	%	0.10	1		10/05/16 15:43		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-2 **Lab ID: 30197922002** Collected: 09/30/16 13:30 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**345**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	83-32-9	
Acenaphthylene	**48.2**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	208-96-8	
Anthracene	**186**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	120-12-7	
Benzo(a)anthracene	**96.5**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	56-55-3	
Benzo(a)pyrene	**54.5**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	50-32-8	
Benzo(b)fluoranthene	**126**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	205-99-2	ip
Benzo(g,h,i)perylene	**36.2**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	191-24-2	
Benzo(k)fluoranthene	**97.2**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	207-08-9	ip
Chrysene	**93.5**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	218-01-9	
Dibenz(a,h)anthracene	**10.9**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	53-70-3	
Fluoranthene	**527**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	206-44-0	
Fluorene	**333**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	86-73-7	
Indeno(1,2,3-cd)pyrene	**26.5**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	193-39-5	
Naphthalene	**4930**	ug/kg	157	20	10/05/16 10:01	10/13/16 19:12	91-20-3	
Phenanthrene	**1020**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	85-01-8	
Pyrene	**405**	ug/kg	7.8	1	10/05/16 10:01	10/05/16 20:53	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%	35-141	1	10/05/16 10:01	10/05/16 20:53	321-60-8	
Terphenyl-d14 (S)	68	%	64-141	1	10/05/16 10:01	10/05/16 20:53	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	**5.4**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	71-43-2	1c
n-Butylbenzene	**1020**	ug/kg	294	50	10/07/16 12:27	10/07/16 14:12	104-51-8	1c
sec-Butylbenzene	**149**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	98-06-6	1c
Ethylbenzene	**99.9**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	100-41-4	1c
Isopropylbenzene (Cumene)	**269**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	98-82-8	1c
p-Isopropyltoluene	**80.4**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	1634-04-4	1c
Naphthalene	**3470**	ug/kg	294	50	10/07/16 12:27	10/07/16 14:12	91-20-3	1c
n-Propylbenzene	**2560**	ug/kg	294	50	10/07/16 12:27	10/07/16 14:12	103-65-1	1c
Toluene	ND	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	108-88-3	1c
1,2,4-Trimethylbenzene	**151**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	95-63-6	1c
1,3,5-Trimethylbenzene	**72.2**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	108-67-8	1c
m&p-Xylene	**40.5**	ug/kg	10	1	10/06/16 14:15	10/06/16 18:44	179601-23-1	1c
o-Xylene	**18.7**	ug/kg	5.0	1	10/06/16 14:15	10/06/16 18:44	95-47-6	1c
Surrogates								
Toluene-d8 (S)	120	%	68-135	1	10/06/16 14:15	10/06/16 18:44	2037-26-5	
4-Bromofluorobenzene (S)	128	%	65-146	1	10/06/16 14:15	10/06/16 18:44	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	69-137	1	10/06/16 14:15	10/06/16 18:44	17060-07-0	
Dibromofluoromethane (S)	89	%	70-130	1	10/06/16 14:15	10/06/16 18:44	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.8**	%	0.10	1		10/05/16 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-3 **Lab ID: 30197922003** Collected: 09/30/16 13:15 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**765**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	83-32-9	
Acenaphthylene	**115**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	208-96-8	
Anthracene	**414**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	120-12-7	
Benzo(a)anthracene	**275**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	56-55-3	
Benzo(a)pyrene	**152**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	50-32-8	
Benzo(b)fluoranthene	**376**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	205-99-2	ip
Benzo(g,h,i)perylene	**92.1**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	191-24-2	
Benzo(k)fluoranthene	**290**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	207-08-9	ip
Chrysene	**255**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	53-70-3	
Fluoranthene	**1360**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	206-44-0	
Fluorene	**618**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	193-39-5	
Naphthalene	**5250**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	91-20-3	
Phenanthrene	**2230**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	85-01-8	
Pyrene	**1050**	ug/kg	75.4	10	10/05/16 10:01	10/05/16 21:11	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	72	%	35-141	10	10/05/16 10:01	10/05/16 21:11	321-60-8	
Terphenyl-d14 (S)	79	%	64-141	10	10/05/16 10:01	10/05/16 21:11	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	71-43-2	1c,M5
n-Butylbenzene	**2050**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	104-51-8	1c,M5
sec-Butylbenzene	**724**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	135-98-8	1c,M5
tert-Butylbenzene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	98-06-6	1c,M5
Ethylbenzene	**1550**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	100-41-4	1c,M5
Isopropylbenzene (Cumene)	**1440**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	98-82-8	1c,M5
p-Isopropyltoluene	**386**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	99-87-6	1c,M5
Methyl-tert-butyl ether	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	1634-04-4	1c,M5
Naphthalene	**5680**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	91-20-3	1c,M5
n-Propylbenzene	**5290**	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	103-65-1	1c,M5
Toluene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	108-88-3	1c,M5
1,2,4-Trimethylbenzene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	95-63-6	1c,M5
1,3,5-Trimethylbenzene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	108-67-8	1c,M5
m&p-Xylene	ND	ug/kg	620	50	10/06/16 14:16	10/06/16 20:52	179601-23-1	1c,M5
o-Xylene	ND	ug/kg	310	50	10/06/16 14:16	10/06/16 20:52	95-47-6	1c,M5
Surrogates								
Toluene-d8 (S)	104	%	68-135	50	10/06/16 14:16	10/06/16 20:52	2037-26-5	M5
4-Bromofluorobenzene (S)	105	%	65-146	50	10/06/16 14:16	10/06/16 20:52	460-00-4	M5
1,2-Dichloroethane-d4 (S)	88	%	69-137	50	10/06/16 14:16	10/06/16 20:52	17060-07-0	M5
Dibromofluoromethane (S)	97	%	70-130	50	10/06/16 14:16	10/06/16 20:52	1868-53-7	M5
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.3**	%	0.10	1		10/05/16 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-4 **Lab ID: 30197922004** Collected: 09/30/16 12:12 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**588**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	83-32-9	
Acenaphthylene	**260**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	208-96-8	
Anthracene	**424**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	120-12-7	
Benzo(a)anthracene	**448**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	56-55-3	
Benzo(a)pyrene	**360**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	50-32-8	
Benzo(b)fluoranthene	**662**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	205-99-2	ip
Benzo(g,h,i)perylene	**297**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	191-24-2	
Benzo(k)fluoranthene	**511**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	207-08-9	ip
Chrysene	**426**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	218-01-9	
Dibenz(a,h)anthracene	**74.4**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	53-70-3	
Fluoranthene	**1430**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	206-44-0	
Fluorene	**555**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**211**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	193-39-5	
Naphthalene	**5210**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	91-20-3	
Phenanthrene	**1890**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	85-01-8	
Pyrene	**1220**	ug/kg	74.0	10	10/05/16 10:01	10/05/16 21:28	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	69	%	35-141	10	10/05/16 10:01	10/05/16 21:28	321-60-8	
Terphenyl-d14 (S)	74	%	64-141	10	10/05/16 10:01	10/05/16 21:28	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	71-43-2	1c,M5
n-Butylbenzene	**6870**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	104-51-8	1c,M5
sec-Butylbenzene	**2850**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	135-98-8	1c,M5
tert-Butylbenzene	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	98-06-6	1c,M5
Ethylbenzene	**2500**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	100-41-4	1c,M5
Isopropylbenzene (Cumene)	**6050**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	98-82-8	1c,M5
p-Isopropyltoluene	**1540**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	99-87-6	1c,M5
Methyl-tert-butyl ether	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	1634-04-4	1c,M5
Naphthalene	**6670**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	91-20-3	1c,M5
n-Propylbenzene	**19200**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	103-65-1	1c,M5
Toluene	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	108-88-3	1c,M5
1,2,4-Trimethylbenzene	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	95-63-6	1c,M5
1,3,5-Trimethylbenzene	**325**	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	108-67-8	1c,M5
m&p-Xylene	ND	ug/kg	572	50	10/06/16 14:16	10/06/16 21:18	179601-23-1	1c,M5
o-Xylene	ND	ug/kg	286	50	10/06/16 14:16	10/06/16 21:18	95-47-6	1c,M5
Surrogates								
Toluene-d8 (S)	103	%	68-135	50	10/06/16 14:16	10/06/16 21:18	2037-26-5	M5
4-Bromofluorobenzene (S)	104	%	65-146	50	10/06/16 14:16	10/06/16 21:18	460-00-4	M5
1,2-Dichloroethane-d4 (S)	102	%	69-137	50	10/06/16 14:16	10/06/16 21:18	17060-07-0	M5
Dibromofluoromethane (S)	95	%	70-130	50	10/06/16 14:16	10/06/16 21:18	1868-53-7	M5
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.9**	%	0.10	1		10/05/16 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-5 **Lab ID: 30197922005** Collected: 09/30/16 12:19 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**714**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	83-32-9	
Acenaphthylene	**150**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	208-96-8	
Anthracene	**412**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	120-12-7	
Benzo(a)anthracene	**275**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	56-55-3	
Benzo(a)pyrene	**181**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	50-32-8	
Benzo(b)fluoranthene	**371**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	205-99-2	ip
Benzo(g,h,i)perylene	**132**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	191-24-2	
Benzo(k)fluoranthene	**286**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	207-08-9	ip
Chrysene	**288**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	53-70-3	
Fluoranthene	**865**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	206-44-0	
Fluorene	**489**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	86-73-7	
Indeno(1,2,3-cd)pyrene	**91.7**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	193-39-5	
Naphthalene	**16800**	ug/kg	146	20	10/05/16 10:01	10/13/16 19:30	91-20-3	
Phenanthrene	**1290**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	85-01-8	
Pyrene	**753**	ug/kg	72.8	10	10/05/16 10:01	10/05/16 21:45	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	62	%	35-141	10	10/05/16 10:01	10/05/16 21:45	321-60-8	
Terphenyl-d14 (S)	56	%	64-141	10	10/05/16 10:01	10/05/16 21:45	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	71-43-2	1c,M5
n-Butylbenzene	**9650**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	104-51-8	1c,M5
sec-Butylbenzene	**3660**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	135-98-8	1c,M5
tert-Butylbenzene	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	98-06-6	1c,M5
Ethylbenzene	**977**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	100-41-4	1c,M5
Isopropylbenzene (Cumene)	**5760**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	98-82-8	1c,M5
p-Isopropyltoluene	**1380**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	99-87-6	1c,M5
Methyl-tert-butyl ether	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	1634-04-4	1c,M5
Naphthalene	**14300**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	91-20-3	1c,M5
n-Propylbenzene	**20300**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	103-65-1	1c,M5
Toluene	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	108-88-3	1c,M5
1,2,4-Trimethylbenzene	**258**	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	95-63-6	1c,M5
1,3,5-Trimethylbenzene	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	108-67-8	1c,M5
m&p-Xylene	**548**	ug/kg	515	50	10/06/16 14:16	10/06/16 21:44	179601-23-1	1c,M5
o-Xylene	ND	ug/kg	257	50	10/06/16 14:16	10/06/16 21:44	95-47-6	1c,M5
Surrogates								
Toluene-d8 (S)	100	%	68-135	50	10/06/16 14:16	10/06/16 21:44	2037-26-5	M5
4-Bromofluorobenzene (S)	95	%	65-146	50	10/06/16 14:16	10/06/16 21:44	460-00-4	M5
1,2-Dichloroethane-d4 (S)	119	%	69-137	50	10/06/16 14:16	10/06/16 21:44	17060-07-0	M5
Dibromofluoromethane (S)	115	%	70-130	50	10/06/16 14:16	10/06/16 21:44	1868-53-7	M5
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.2**	%	0.10	1		10/05/16 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30197922

Sample: B-6 **Lab ID: 30197922006** Collected: 09/30/16 09:27 Received: 10/04/16 10:30 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	83-32-9	
Acenaphthylene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	208-96-8	
Anthracene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	120-12-7	
Benzo(a)anthracene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	56-55-3	
Benzo(a)pyrene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	207-08-9	
Chrysene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	53-70-3	
Fluoranthene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	206-44-0	
Fluorene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	193-39-5	
Naphthalene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	91-20-3	
Phenanthrene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	85-01-8	
Pyrene	ND	ug/kg	8.4	1	10/05/16 10:01	10/05/16 22:03	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	76	%	35-141	1	10/05/16 10:01	10/05/16 22:03	321-60-8	
Terphenyl-d14 (S)	70	%	64-141	1	10/05/16 10:01	10/05/16 22:03	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	71-43-2	
n-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	98-06-6	
Ethylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	100-41-4	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	99-87-6	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	1634-04-4	
Naphthalene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	103-65-1	
Toluene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	108-88-3	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	108-67-8	
m&p-Xylene	ND	ug/kg	11.4	1	10/07/16 12:25	10/07/16 13:45	179601-23-1	
o-Xylene	ND	ug/kg	5.7	1	10/07/16 12:25	10/07/16 13:45	95-47-6	
Surrogates								
Toluene-d8 (S)	103	%	68-135	1	10/07/16 12:25	10/07/16 13:45	2037-26-5	
4-Bromofluorobenzene (S)	95	%	65-146	1	10/07/16 12:25	10/07/16 13:45	460-00-4	
1,2-Dichloroethane-d4 (S)	115	%	69-137	1	10/07/16 12:25	10/07/16 13:45	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/07/16 12:25	10/07/16 13:45	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**21.4**	%	0.10	1		10/05/16 15:42		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235811 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197922002

METHOD BLANK: 1158189 Matrix: Solid
Associated Lab Samples: 30197922002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Benzene	ug/kg	ND	5.0	10/06/16 13:49	
Ethylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/06/16 13:49	
m&p-Xylene	ug/kg	ND	10.0	10/06/16 13:49	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/06/16 13:49	
o-Xylene	ug/kg	ND	5.0	10/06/16 13:49	
p-Isopropyltoluene	ug/kg	ND	5.0	10/06/16 13:49	
sec-Butylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
tert-Butylbenzene	ug/kg	ND	5.0	10/06/16 13:49	
Toluene	ug/kg	ND	5.0	10/06/16 13:49	
1,2-Dichloroethane-d4 (S)	%	105	69-137	10/06/16 13:49	
4-Bromofluorobenzene (S)	%	103	65-146	10/06/16 13:49	
Dibromofluoromethane (S)	%	104	70-130	10/06/16 13:49	
Toluene-d8 (S)	%	102	68-135	10/06/16 13:49	

LABORATORY CONTROL SAMPLE: 1158190

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	19.1	95	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	18.6	93	74-129	
Benzene	ug/kg	20	18.9	94	71-137	
Ethylbenzene	ug/kg	20	18.2	91	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	19.0	95	78-133	
m&p-Xylene	ug/kg	40	35.5	89	77-129	
Methyl-tert-butyl ether	ug/kg	20	19.8	99	77-141	
o-Xylene	ug/kg	20	18.0	90	80-125	
p-Isopropyltoluene	ug/kg	20	19.5	97	74-136	
sec-Butylbenzene	ug/kg	20	19.3	97	81-132	
tert-Butylbenzene	ug/kg	20	18.9	95	77-129	
Toluene	ug/kg	20	18.0	90	72-127	
1,2-Dichloroethane-d4 (S)	%			106	69-137	
4-Bromofluorobenzene (S)	%			99	65-146	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			103	68-135	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235813 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197922001, 30197922003, 30197922004, 30197922005

METHOD BLANK: 1158193 Matrix: Solid
Associated Lab Samples: 30197922001, 30197922003, 30197922004, 30197922005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
1,3,5-Trimethylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
Benzene	ug/kg	ND	250	10/06/16 13:24	M5
Ethylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
Isopropylbenzene (Cumene)	ug/kg	ND	250	10/06/16 13:24	M5
m&p-Xylene	ug/kg	ND	500	10/06/16 13:24	M5
Methyl-tert-butyl ether	ug/kg	ND	250	10/06/16 13:24	M5
n-Butylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
n-Propylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
Naphthalene	ug/kg	ND	250	10/06/16 13:24	M5
o-Xylene	ug/kg	ND	250	10/06/16 13:24	M5
p-Isopropyltoluene	ug/kg	ND	250	10/06/16 13:24	M5
sec-Butylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
tert-Butylbenzene	ug/kg	ND	250	10/06/16 13:24	M5
Toluene	ug/kg	ND	250	10/06/16 13:24	M5
1,2-Dichloroethane-d4 (S)	%	100	69-137	10/06/16 13:24	M5
4-Bromofluorobenzene (S)	%	105	65-146	10/06/16 13:24	M5
Dibromofluoromethane (S)	%	97	70-130	10/06/16 13:24	M5
Toluene-d8 (S)	%	102	68-135	10/06/16 13:24	M5

LABORATORY CONTROL SAMPLE: 1158194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	19.1	95	79-125	M5
1,3,5-Trimethylbenzene	ug/kg	20	18.6	93	74-129	M5
Benzene	ug/kg	20	18.9	94	71-137	M5
Ethylbenzene	ug/kg	20	18.2	91	78-126	M5
Isopropylbenzene (Cumene)	ug/kg	20	19.0	95	78-133	M5
m&p-Xylene	ug/kg	40	35.5	89	77-129	M5
Methyl-tert-butyl ether	ug/kg	20	19.8	99	77-141	M5
n-Butylbenzene	ug/kg	20	19.8	99	74-140	M5
n-Propylbenzene	ug/kg	20	19.5	98	70-140	M5
Naphthalene	ug/kg	20	19.8	99	81-126	M5
o-Xylene	ug/kg	20	18.0	90	80-125	M5
p-Isopropyltoluene	ug/kg	20	19.5	97	74-136	M5
sec-Butylbenzene	ug/kg	20	19.3	97	81-132	M5
tert-Butylbenzene	ug/kg	20	18.9	95	77-129	M5
Toluene	ug/kg	20	18.0	90	72-127	M5
1,2-Dichloroethane-d4 (S)	%			106	69-137	M5
4-Bromofluorobenzene (S)	%			99	65-146	M5

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

LABORATORY CONTROL SAMPLE: 1158194

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromofluoromethane (S)	%			101	70-130	M5
Toluene-d8 (S)	%			103	68-135	M5

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235950 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197922006

METHOD BLANK: 1158817 Matrix: Solid
Associated Lab Samples: 30197922006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
Benzene	ug/kg	ND	5.0	10/07/16 13:19	
Ethylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/07/16 13:19	
m&p-Xylene	ug/kg	ND	10.0	10/07/16 13:19	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/07/16 13:19	
n-Butylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
n-Propylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
Naphthalene	ug/kg	ND	5.0	10/07/16 13:19	
o-Xylene	ug/kg	ND	5.0	10/07/16 13:19	
p-Isopropyltoluene	ug/kg	ND	5.0	10/07/16 13:19	
sec-Butylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
tert-Butylbenzene	ug/kg	ND	5.0	10/07/16 13:19	
Toluene	ug/kg	ND	5.0	10/07/16 13:19	
1,2-Dichloroethane-d4 (S)	%	100	69-137	10/07/16 13:19	
4-Bromofluorobenzene (S)	%	96	65-146	10/07/16 13:19	
Dibromofluoromethane (S)	%	93	70-130	10/07/16 13:19	
Toluene-d8 (S)	%	102	68-135	10/07/16 13:19	

LABORATORY CONTROL SAMPLE: 1158818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	22.6	113	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	21.0	105	74-129	
Benzene	ug/kg	20	21.2	106	71-137	
Ethylbenzene	ug/kg	20	21.8	109	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	20.7	103	78-133	
m&p-Xylene	ug/kg	40	35.0	87	77-129	
Methyl-tert-butyl ether	ug/kg	20	21.4	107	77-141	
n-Butylbenzene	ug/kg	20	21.3	106	74-140	
n-Propylbenzene	ug/kg	20	21.2	106	70-140	
Naphthalene	ug/kg	20	19.0	95	81-126	
o-Xylene	ug/kg	20	22.4	112	80-125	
p-Isopropyltoluene	ug/kg	20	20.9	104	74-136	
sec-Butylbenzene	ug/kg	20	22.6	113	81-132	
tert-Butylbenzene	ug/kg	20	20.8	104	77-129	
Toluene	ug/kg	20	21.1	105	72-127	
1,2-Dichloroethane-d4 (S)	%			109	69-137	
4-Bromofluorobenzene (S)	%			96	65-146	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

LABORATORY CONTROL SAMPLE: 1158818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			104	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235951 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30197922002

METHOD BLANK: 1158821 Matrix: Solid
Associated Lab Samples: 30197922002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
n-Butylbenzene	ug/kg	ND	250	10/07/16 12:52	
n-Propylbenzene	ug/kg	ND	250	10/07/16 12:52	
Naphthalene	ug/kg	ND	250	10/07/16 12:52	
1,2-Dichloroethane-d4 (S)	%	103	69-137	10/07/16 12:52	
4-Bromofluorobenzene (S)	%	96	65-146	10/07/16 12:52	
Dibromofluoromethane (S)	%	95	70-130	10/07/16 12:52	
Toluene-d8 (S)	%	104	68-135	10/07/16 12:52	

LABORATORY CONTROL SAMPLE: 1158822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Butylbenzene	ug/kg	20	21.3	106	74-140	
n-Propylbenzene	ug/kg	20	20.7	104	70-140	
Naphthalene	ug/kg	20	19.0	95	81-126	
1,2-Dichloroethane-d4 (S)	%			109	69-137	
4-Bromofluorobenzene (S)	%			96	65-146	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			104	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235526 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30197922001, 30197922002, 30197922003, 30197922004, 30197922005, 30197922006

METHOD BLANK: 1156883 Matrix: Solid
Associated Lab Samples: 30197922001, 30197922002, 30197922003, 30197922004, 30197922005, 30197922006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/05/16 20:01	
Acenaphthylene	ug/kg	ND	6.7	10/05/16 20:01	
Anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(a)anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(a)pyrene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/05/16 20:01	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Chrysene	ug/kg	ND	6.7	10/05/16 20:01	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/05/16 20:01	
Fluoranthene	ug/kg	ND	6.7	10/05/16 20:01	
Fluorene	ug/kg	ND	6.7	10/05/16 20:01	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/05/16 20:01	
Naphthalene	ug/kg	ND	6.7	10/05/16 20:01	
Phenanthrene	ug/kg	ND	6.7	10/05/16 20:01	
Pyrene	ug/kg	ND	6.7	10/05/16 20:01	
2-Fluorobiphenyl (S)	%	72	35-141	10/05/16 20:01	
Terphenyl-d14 (S)	%	75	64-141	10/05/16 20:01	

LABORATORY CONTROL SAMPLE: 1156884

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	121	91	43-113	
Acenaphthylene	ug/kg	133	122	91	41-114	
Anthracene	ug/kg	133	112	84	59-115	
Benzo(a)anthracene	ug/kg	133	118	89	62-122	
Benzo(a)pyrene	ug/kg	133	117	88	56-113	
Benzo(b)fluoranthene	ug/kg	133	128	96	43-138	
Benzo(g,h,i)perylene	ug/kg	133	118	89	47-143	
Benzo(k)fluoranthene	ug/kg	133	114	86	52-138	
Chrysene	ug/kg	133	124	93	64-119	
Dibenz(a,h)anthracene	ug/kg	133	110	82	59-133	
Fluoranthene	ug/kg	133	118	89	64-122	
Fluorene	ug/kg	133	114	85	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	114	86	59-132	
Naphthalene	ug/kg	133	124	93	47-108	
Phenanthrene	ug/kg	133	119	89	42-122	
Pyrene	ug/kg	133	119	89	64-117	
2-Fluorobiphenyl (S)	%			91	35-141	
Terphenyl-d14 (S)	%			85	64-141	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1156885 1156886

Parameter	Units	30197923001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	ND	148	147	130	146	67	78	43-113	11	
Acenaphthylene	ug/kg	ND	148	147	184	251	80	126	41-114	31	M6,R1
Anthracene	ug/kg	112	148	147	196	267	56	105	59-115	31	M6,R1
Benzo(a)anthracene	ug/kg	331	148	147	443	726	75	268	62-122	48	M6,R1
Benzo(a)pyrene	ug/kg	368	148	147	473	739	71	252	56-113	44	M6,R1
Benzo(b)fluoranthene	ug/kg	522	148	147	603	1020	55	342	43-138	52	M6,R1
Benzo(g,h,i)perylene	ug/kg	356	148	147	461	603	71	168	47-143	27	M6,R1
Benzo(k)fluoranthene	ug/kg	176	148	147	311	454	90	189	52-138	38	M6,R1
Chrysene	ug/kg	361	148	147	426	744	44	260	64-119	54	M6,R1
Dibenz(a,h)anthracene	ug/kg	78.6	148	147	175	237	65	108	59-133	30	R1
Fluoranthene	ug/kg	632	148	147	705	1340	49	482	64-122	62	M6,R1
Fluorene	ug/kg	ND	148	147	112	122	63	71	46-114	9	
Indeno(1,2,3-cd)pyrene	ug/kg	241	148	147	344	490	69	169	59-132	35	M6,R1
Naphthalene	ug/kg	ND	148	147	135	185	68	103	47-108	31	R1
Phenanthrene	ug/kg	359	148	147	364	708	3	237	42-122	64	M6,R1
Pyrene	ug/kg	632	148	147	688	1160	38	359	64-117	51	M6,R1
2-Fluorobiphenyl (S)	%						69	80	35-141		
Terphenyl-d14 (S)	%						66	73	64-141		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30197922

QC Batch: 235636 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30197922001, 30197922002, 30197922003, 30197922004, 30197922005, 30197922006

SAMPLE DUPLICATE: 1157328

Parameter	Units	30196229001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	16.3	20.3	22	D6

SAMPLE DUPLICATE: 1157329

Parameter	Units	30196324001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	20.8	22.9	9	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197922

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.

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.

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.

LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

SAMPLE QUALIFIERS

Sample: 1156885
[1] 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
Sample: 1156886
[1] 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

BATCH QUALIFIERS

Batch: 235811
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 235813
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 235918
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 235950
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
Batch: 235951
[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30197922

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M5	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
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Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30197922

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30197922001	**B-1**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922002	**B-2**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922003	**B-3**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922004	**B-4**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922005	**B-5**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922006	**B-6**	EPA 3546	235526	EPA 8270D by SIM	235672
30197922001	**B-1**	EPA 5035A	235813	EPA 8260C	235918
30197922002	**B-2**	EPA 5035A	235811	EPA 8260C	235919
30197922002	**B-2**	EPA 5035A	235951	EPA 8260C	235964
30197922003	**B-3**	EPA 5035A	235813	EPA 8260C	235918
30197922004	**B-4**	EPA 5035A	235813	EPA 8260C	235918
30197922005	**B-5**	EPA 5035A	235813	EPA 8260C	235918
30197922006	**B-6**	EPA 5035A	235950	EPA 8260C	235963
30197922001	**B-1**	ASTM D2974-87	235636		
30197922002	**B-2**	ASTM D2974-87	235636		
30197922003	**B-3**	ASTM D2974-87	235636		
30197922004	**B-4**	ASTM D2974-87	235636		
30197922005	**B-5**	ASTM D2974-87	235636		
30197922006	**B-6**	ASTM D2974-87	235636		

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A Required Client Information:

Company:	EnviroTrac Ltd.
Address:	5 Old Dock Road
	Yaphank, NY 11980
Email To:	edr@envirotrac.com
Phone: 631-924-3001	Fax:
Requested Due Date/TAT:	3-Day

Section B Required Project Information:

Report To:	edr@envirotrac.com
Copy To:	
Purchase Order No.:	
Project Name:	Lenox
Project Number:	Speedway #7825

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
UST RCRA OTHER _____

Site Location STATE: _____

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

WO#: 30197922

ITEM #	Sample ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED 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 STARS (VOCs)	8270 STARS (SVOCs)	Re	Pace Project No./ Lab I.D.
1	B-1	SL	G	-	-	9/30/16	13:20		2	X									X	X		001
2	B-2	SL	G	-	-		13:20		2	X									X	X		002
3	B-3	SL	G	-	-		12:15		2	X									X	X		003
4	B-4	SL	G	-	-		12:12		2	X									X	X		004
5	B-5	SL	G	-	-		12:19		2	X									X	X		005
6	B-6	SL	G	-	-		9:25		2	X									X	X		006
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
3 DAY TURNAROUND	[signature] / ETNY	9/30/16	17:20	[signature] / ETNY	10/3/16	10:00				
	[signature] / ETNY	10/3/16	10:30	Kristen E. Hill	10-4-16	1030	0.4	Y	N	Y

Hold for Analyses

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

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

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: EnviroTrac Ltd. Project # 30197922

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

Tracking #: 8096 9949 9865

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Thermometer Used 6 Type of Ice: (Wet) Blue None

Cooler Temperature Observed Temp 0.6 °C Correction Factor: -0.2 °C Final Temp: 0.4 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KH 10-4-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	✓			1.
Chain of Custody Filled Out:	✓			2.
Chain of Custody Relinquished:	✓			3.
Sampler Name & Signature on COC:		✓		4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	✓			5.
Samples Arrived within Hold Time:	✓			6.
Short Hold Time Analysis (<72hr remaining):		✓		7.
Rush Turn Around Time Requested:	✓			8.
Sufficient Volume:	✓			9.
Correct Containers Used:	✓			10.
-Pace Containers Used:	✓			
Containers Intact:	✓			11.
Filtered volume received for Dissolved tests			✓	12.
All containers needing preservation have been checked.			✓	13.
All containers needing preservation are found to be in compliance with EPA recommendation.			✓	
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed KH / Date/time of preservation / Lot # of added preservative
Headspace in VOA Vials (>6mm):			✓	14.
Trip Blank Present:			✓	15.
Trip Blank Custody Seals Present			✓	
Rad Aqueous Samples Screened > 0.5 mrem/hr			✓	Initial when completed: KH / Date: 10-4-16

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 12, 2016

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

RE: Project: Speedway 7825
Pace Project No.: 30198228

Dear Mr. Russo:
Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Rachel D Christner

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Joe Rennie, EnviroTrac
Mr. Dan Ruffini, EnviroTrac

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30198228

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30198228

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30198228001	**PL-10**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228002	**PL-9**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228003	**PL-8**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228004	**PL-14**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228005	**DI-3**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228006	**PL-12**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228007	**PL-11**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228008	**PL-15**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228009	**PL-16**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198228010	**PL-13**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-10 **Lab ID: 30198228001** Collected: 10/04/16 09:00 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	83-32-9	
Acenaphthylene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	208-96-8	
Anthracene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	120-12-7	
Benzo(a)anthracene	**234**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	56-55-3	
Benzo(a)pyrene	**240**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	50-32-8	
Benzo(b)fluoranthene	**469**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	205-99-2	ip
Benzo(g,h,i)perylene	**350**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	191-24-2	
Benzo(k)fluoranthene	**362**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	207-08-9	ip
Chrysene	**196**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	53-70-3	
Fluoranthene	**374**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	206-44-0	
Fluorene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**210**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	193-39-5	
Naphthalene	ND	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	91-20-3	
Phenanthrene	**123**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	85-01-8	
Pyrene	**333**	ug/kg	75.9	10	10/06/16 15:10	10/07/16 21:37	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	67	%	35-141	10	10/06/16 15:10	10/07/16 21:37	321-60-8	
Terphenyl-d14 (S)	78	%	64-141	10	10/06/16 15:10	10/07/16 21:37	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	1634-04-4	1c
Naphthalene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	103-65-1	1c
Toluene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.5	1	10/07/16 14:38	10/07/16 15:04	179601-23-1	1c
o-Xylene	ND	ug/kg	5.8	1	10/07/16 14:38	10/07/16 15:04	95-47-6	1c
Surrogates								
Toluene-d8 (S)	107	%	68-135	1	10/07/16 14:38	10/07/16 15:04	2037-26-5	
4-Bromofluorobenzene (S)	111	%	65-146	1	10/07/16 14:38	10/07/16 15:04	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	69-137	1	10/07/16 14:38	10/07/16 15:04	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1	10/07/16 14:38	10/07/16 15:04	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.7**	%	0.10	1		10/10/16 12:34		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-9 **Lab ID: 30198228002** Collected: 10/04/16 09:10 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	83-32-9	
Acenaphthylene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	208-96-8	
Anthracene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	120-12-7	
Benzo(a)anthracene	**134**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	56-55-3	
Benzo(a)pyrene	**153**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	50-32-8	
Benzo(b)fluoranthene	**271**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	205-99-2	ip
Benzo(g,h,i)perylene	**180**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	191-24-2	
Benzo(k)fluoranthene	**209**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	207-08-9	ip
Chrysene	**110**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	53-70-3	
Fluoranthene	**195**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	206-44-0	
Fluorene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	86-73-7	
Indeno(1,2,3-cd)pyrene	**123**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	193-39-5	
Naphthalene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	91-20-3	
Phenanthrene	ND	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	85-01-8	
Pyrene	**190**	ug/kg	72.7	10	10/06/16 15:10	10/07/16 21:55	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	54	%	35-141	10	10/06/16 15:10	10/07/16 21:55	321-60-8	
Terphenyl-d14 (S)	67	%	64-141	10	10/06/16 15:10	10/07/16 21:55	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	1634-04-4	1c
Naphthalene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	103-65-1	1c
Toluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.5	1	10/07/16 14:38	10/07/16 15:23	179601-23-1	1c
o-Xylene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 15:23	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/07/16 14:38	10/07/16 15:23	2037-26-5	
4-Bromofluorobenzene (S)	110	%	65-146	1	10/07/16 14:38	10/07/16 15:23	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	69-137	1	10/07/16 14:38	10/07/16 15:23	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/07/16 14:38	10/07/16 15:23	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		10/10/16 12:34		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-8 **Lab ID: 30198228003** Collected: 10/04/16 09:40 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	83-32-9	
Acenaphthylene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	208-96-8	
Anthracene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	120-12-7	
Benzo(a)anthracene	**214**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	56-55-3	
Benzo(a)pyrene	**223**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	50-32-8	
Benzo(b)fluoranthene	**434**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	205-99-2	ip
Benzo(g,h,i)perylene	**174**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	191-24-2	
Benzo(k)fluoranthene	**335**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	207-08-9	ip
Chrysene	**218**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	53-70-3	
Fluoranthene	**445**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	206-44-0	
Fluorene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	86-73-7	
Indeno(1,2,3-cd)pyrene	**136**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	193-39-5	
Naphthalene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	91-20-3	
Phenanthrene	**162**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	85-01-8	
Pyrene	**410**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 22:12	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%	35-141	10	10/06/16 15:10	10/07/16 22:12	321-60-8	
Terphenyl-d14 (S)	78	%	64-141	10	10/06/16 15:10	10/07/16 22:12	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	1634-04-4	1c
Naphthalene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	103-65-1	1c
Toluene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.7	1	10/07/16 14:38	10/07/16 15:42	179601-23-1	1c
o-Xylene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 15:42	95-47-6	1c
Surrogates								
Toluene-d8 (S)	102	%	68-135	1	10/07/16 14:38	10/07/16 15:42	2037-26-5	
4-Bromofluorobenzene (S)	101	%	65-146	1	10/07/16 14:38	10/07/16 15:42	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	69-137	1	10/07/16 14:38	10/07/16 15:42	17060-07-0	
Dibromofluoromethane (S)	102	%	70-130	1	10/07/16 14:38	10/07/16 15:42	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**6.9**	%	0.10	1		10/10/16 12:34		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-14 **Lab ID: 30198228004** Collected: 10/04/16 10:45 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	83-32-9	
Acenaphthylene	ND	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	208-96-8	
Anthracene	**169**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	120-12-7	
Benzo(a)anthracene	**923**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	56-55-3	
Benzo(a)pyrene	**994**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	50-32-8	
Benzo(b)fluoranthene	**1220**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	205-99-2	
Benzo(g,h,i)perylene	**668**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	191-24-2	
Benzo(k)fluoranthene	**504**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	207-08-9	
Chrysene	**946**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	218-01-9	
Dibenz(a,h)anthracene	**187**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	53-70-3	
Fluoranthene	**1820**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	206-44-0	
Fluorene	ND	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**555**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	193-39-5	
Naphthalene	ND	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	91-20-3	
Phenanthrene	**605**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	85-01-8	
Pyrene	**1850**	ug/kg	72.2	10	10/06/16 15:10	10/07/16 22:30	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	58	%	35-141	10	10/06/16 15:10	10/07/16 22:30	321-60-8	
Terphenyl-d14 (S)	63	%	64-141	10	10/06/16 15:10	10/07/16 22:30	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	1634-04-4	1c
Naphthalene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	103-65-1	1c
Toluene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.6	1	10/07/16 14:38	10/07/16 16:01	179601-23-1	1c
o-Xylene	ND	ug/kg	5.3	1	10/07/16 14:38	10/07/16 16:01	95-47-6	1c
Surrogates								
Toluene-d8 (S)	100	%	68-135	1	10/07/16 14:38	10/07/16 16:01	2037-26-5	
4-Bromofluorobenzene (S)	106	%	65-146	1	10/07/16 14:38	10/07/16 16:01	460-00-4	
1,2-Dichloroethane-d4 (S)	91	%	69-137	1	10/07/16 14:38	10/07/16 16:01	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/07/16 14:38	10/07/16 16:01	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**8.0**	%	0.10	1		10/10/16 12:34		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: DI-3 **Lab ID: 30198228005** Collected: 10/04/16 11:45 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	83-32-9	
Acenaphthylene	**122**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	208-96-8	
Anthracene	**84.5**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	120-12-7	
Benzo(a)anthracene	**244**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	56-55-3	
Benzo(a)pyrene	**320**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	50-32-8	
Benzo(b)fluoranthene	**644**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	205-99-2	ip
Benzo(g,h,i)perylene	**512**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	191-24-2	
Benzo(k)fluoranthene	**497**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	207-08-9	ip
Chrysene	**261**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	218-01-9	
Dibenz(a,h)anthracene	**94.2**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	53-70-3	
Fluoranthene	**326**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	206-44-0	
Fluorene	ND	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	86-73-7	
Indeno(1,2,3-cd)pyrene	**316**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	193-39-5	
Naphthalene	**147**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	91-20-3	
Phenanthrene	**182**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	85-01-8	
Pyrene	**325**	ug/kg	74.0	10	10/06/16 15:10	10/07/16 22:47	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	56	%	35-141	10	10/06/16 15:10	10/07/16 22:47	321-60-8	
Terphenyl-d14 (S)	70	%	64-141	10	10/06/16 15:10	10/07/16 22:47	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	1634-04-4	1c
Naphthalene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	103-65-1	1c
Toluene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.2	1	10/07/16 14:38	10/07/16 16:20	179601-23-1	1c
o-Xylene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 16:20	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/07/16 14:38	10/07/16 16:20	2037-26-5	
4-Bromofluorobenzene (S)	107	%	65-146	1	10/07/16 14:38	10/07/16 16:20	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	69-137	1	10/07/16 14:38	10/07/16 16:20	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/07/16 14:38	10/07/16 16:20	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.4**	%	0.10	1		10/10/16 12:34		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-12 **Lab ID: 30198228006** Collected: 10/04/16 11:50 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	83-32-9	
Acenaphthylene	**98.5**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	208-96-8	
Anthracene	**153**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	120-12-7	
Benzo(a)anthracene	**618**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	56-55-3	
Benzo(a)pyrene	**625**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	50-32-8	
Benzo(b)fluoranthene	**1290**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	205-99-2	ip
Benzo(g,h,i)perylene	**418**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	191-24-2	
Benzo(k)fluoranthene	**994**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	207-08-9	ip
Chrysene	**650**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	218-01-9	
Dibenz(a,h)anthracene	**121**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	53-70-3	
Fluoranthene	**1200**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	206-44-0	
Fluorene	ND	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	86-73-7	
Indeno(1,2,3-cd)pyrene	**367**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	193-39-5	
Naphthalene	ND	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	91-20-3	
Phenanthrene	**571**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	85-01-8	
Pyrene	**1070**	ug/kg	76.8	10	10/06/16 15:10	10/07/16 23:04	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	56	%	35-141	10	10/06/16 15:10	10/07/16 23:04	321-60-8	
Terphenyl-d14 (S)	78	%	64-141	10	10/06/16 15:10	10/07/16 23:04	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	71-43-2	1c
n-Butylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	98-06-6	1c
Ethylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	1634-04-4	1c
Naphthalene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	91-20-3	1c
n-Propylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	103-65-1	1c
Toluene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	108-67-8	1c
m&p-Xylene	ND	ug/kg	12.9	1	10/07/16 14:38	10/07/16 16:39	179601-23-1	1c
o-Xylene	ND	ug/kg	6.5	1	10/07/16 14:38	10/07/16 16:39	95-47-6	1c
Surrogates								
Toluene-d8 (S)	99	%	68-135	1	10/07/16 14:38	10/07/16 16:39	2037-26-5	
4-Bromofluorobenzene (S)	103	%	65-146	1	10/07/16 14:38	10/07/16 16:39	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	69-137	1	10/07/16 14:38	10/07/16 16:39	17060-07-0	
Dibromofluoromethane (S)	94	%	70-130	1	10/07/16 14:38	10/07/16 16:39	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.3**	%	0.10	1		10/10/16 12:33		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-11 **Lab ID: 30198228007** Collected: 10/04/16 13:00 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	83-32-9	
Acenaphthylene	**88.6**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	208-96-8	
Anthracene	**78.0**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	120-12-7	
Benzo(a)anthracene	**269**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	56-55-3	
Benzo(a)pyrene	**258**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	50-32-8	
Benzo(b)fluoranthene	**510**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	205-99-2	ip
Benzo(g,h,i)perylene	**354**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	191-24-2	
Benzo(k)fluoranthene	**394**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	207-08-9	ip
Chrysene	**223**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	53-70-3	
Fluoranthene	**431**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	206-44-0	
Fluorene	ND	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	86-73-7	
Indeno(1,2,3-cd)pyrene	**222**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	193-39-5	
Naphthalene	**169**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	91-20-3	
Phenanthrene	**175**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	85-01-8	
Pyrene	**382**	ug/kg	73.3	10	10/06/16 15:10	10/07/16 23:22	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	56	%	35-141	10	10/06/16 15:10	10/07/16 23:22	321-60-8	
Terphenyl-d14 (S)	62	%	64-141	10	10/06/16 15:10	10/07/16 23:22	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	1634-04-4	1c
Naphthalene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	103-65-1	1c
Toluene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	95-63-6	1c
1,3,5-Trimethylbenzene	**8.5**	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.8	1	10/07/16 14:38	10/07/16 16:58	179601-23-1	1c
o-Xylene	ND	ug/kg	5.9	1	10/07/16 14:38	10/07/16 16:58	95-47-6	1c
Surrogates								
Toluene-d8 (S)	102	%	68-135	1	10/07/16 14:38	10/07/16 16:58	2037-26-5	
4-Bromofluorobenzene (S)	102	%	65-146	1	10/07/16 14:38	10/07/16 16:58	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	69-137	1	10/07/16 14:38	10/07/16 16:58	17060-07-0	
Dibromofluoromethane (S)	107	%	70-130	1	10/07/16 14:38	10/07/16 16:58	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.6**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-15 **Lab ID: 30198228008** Collected: 10/04/16 13:20 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	83-32-9	
Acenaphthylene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	208-96-8	
Anthracene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	120-12-7	
Benzo(a)anthracene	**131**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	56-55-3	
Benzo(a)pyrene	**116**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	50-32-8	
Benzo(b)fluoranthene	**224**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	205-99-2	ip
Benzo(g,h,i)perylene	**88.3**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	191-24-2	
Benzo(k)fluoranthene	**173**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	207-08-9	ip
Chrysene	**101**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	53-70-3	
Fluoranthene	**211**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	206-44-0	
Fluorene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	86-73-7	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	193-39-5	
Naphthalene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	91-20-3	
Phenanthrene	ND	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	85-01-8	
Pyrene	**199**	ug/kg	69.9	10	10/06/16 15:10	10/07/16 23:39	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	59	%	35-141	10	10/06/16 15:10	10/07/16 23:39	321-60-8	
Terphenyl-d14 (S)	69	%	64-141	10	10/06/16 15:10	10/07/16 23:39	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	1634-04-4	1c
Naphthalene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	103-65-1	1c
Toluene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.2	1	10/07/16 14:38	10/07/16 17:17	179601-23-1	1c
o-Xylene	ND	ug/kg	5.6	1	10/07/16 14:38	10/07/16 17:17	95-47-6	1c
Surrogates								
Toluene-d8 (S)	114	%	68-135	1	10/07/16 14:38	10/07/16 17:17	2037-26-5	
4-Bromofluorobenzene (S)	100	%	65-146	1	10/07/16 14:38	10/07/16 17:17	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	69-137	1	10/07/16 14:38	10/07/16 17:17	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/07/16 14:38	10/07/16 17:17	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**4.4**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-16 **Lab ID: 30198228009** Collected: 10/04/16 13:30 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	83-32-9	
Acenaphthylene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	208-96-8	
Anthracene	**103**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	120-12-7	
Benzo(a)anthracene	**428**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	56-55-3	
Benzo(a)pyrene	**480**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	50-32-8	
Benzo(b)fluoranthene	**876**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	205-99-2	ip
Benzo(g,h,i)perylene	**373**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	191-24-2	
Benzo(k)fluoranthene	**676**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	207-08-9	ip
Chrysene	**425**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	218-01-9	
Dibenz(a,h)anthracene	**95.5**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	53-70-3	
Fluoranthene	**784**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	206-44-0	
Fluorene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**304**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	193-39-5	
Naphthalene	ND	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	91-20-3	
Phenanthrene	**290**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	85-01-8	
Pyrene	**741**	ug/kg	71.8	10	10/06/16 15:10	10/07/16 23:57	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	52	%	35-141	10	10/06/16 15:10	10/07/16 23:57	321-60-8	
Terphenyl-d14 (S)	60	%	64-141	10	10/06/16 15:10	10/07/16 23:57	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	1634-04-4	1c
Naphthalene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	103-65-1	1c
Toluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	95-63-6	1c
1,3,5-Trimethylbenzene	**14.2**	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.5	1	10/07/16 14:38	10/07/16 17:36	179601-23-1	1c
o-Xylene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 17:36	95-47-6	1c
Surrogates								
Toluene-d8 (S)	101	%	68-135	1	10/07/16 14:38	10/07/16 17:36	2037-26-5	
4-Bromofluorobenzene (S)	109	%	65-146	1	10/07/16 14:38	10/07/16 17:36	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	69-137	1	10/07/16 14:38	10/07/16 17:36	17060-07-0	
Dibromofluoromethane (S)	105	%	70-130	1	10/07/16 14:38	10/07/16 17:36	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.0**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: PL-13 **Lab ID: 30198228010** Collected: 10/04/16 13:50 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**80.6**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	83-32-9	
Acenaphthylene	ND	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	208-96-8	
Anthracene	**377**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	120-12-7	
Benzo(a)anthracene	**2270**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	56-55-3	
Benzo(a)pyrene	**2000**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	50-32-8	
Benzo(b)fluoranthene	**3630**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	205-99-2	ip
Benzo(g,h,i)perylene	**960**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	191-24-2	
Benzo(k)fluoranthene	**2800**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	207-08-9	ip
Chrysene	**2170**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	218-01-9	
Dibenz(a,h)anthracene	**346**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	53-70-3	
Fluoranthene	**4150**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	206-44-0	
Fluorene	ND	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	86-73-7	
Indeno(1,2,3-cd)pyrene	**911**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	193-39-5	
Naphthalene	ND	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	91-20-3	
Phenanthrene	**1400**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	85-01-8	
Pyrene	**4320**	ug/kg	70.3	10	10/06/16 15:10	10/08/16 00:14	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	75	%	35-141	10	10/06/16 15:10	10/08/16 00:14	321-60-8	
Terphenyl-d14 (S)	75	%	64-141	10	10/06/16 15:10	10/08/16 00:14	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	1634-04-4	1c
Naphthalene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	103-65-1	1c
Toluene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.2	1	10/07/16 14:38	10/07/16 17:55	179601-23-1	1c
o-Xylene	ND	ug/kg	5.1	1	10/07/16 14:38	10/07/16 17:55	95-47-6	1c
Surrogates								
Toluene-d8 (S)	103	%	68-135	1	10/07/16 14:38	10/07/16 17:55	2037-26-5	
4-Bromofluorobenzene (S)	106	%	65-146	1	10/07/16 14:38	10/07/16 17:55	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	69-137	1	10/07/16 14:38	10/07/16 17:55	17060-07-0	
Dibromofluoromethane (S)	100	%	70-130	1	10/07/16 14:38	10/07/16 17:55	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**7.7**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198228

Sample: Vent Lines **Lab ID: 30198228011** Collected: 10/04/16 12:00 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • Analysis canceled by client.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
	Analytical Method: ASTM D2974-87							
Percent Moisture	**16.4**	%	0.10	1		10/11/16 10:00		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198228

QC Batch: 235976 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30198228001, 30198228002, 30198228003, 30198228004, 30198228005, 30198228006, 30198228007, 30198228008, 30198228009, 30198228010

METHOD BLANK: 1159040 Matrix: Solid
Associated Lab Samples: 30198228001, 30198228002, 30198228003, 30198228004, 30198228005, 30198228006, 30198228007, 30198228008, 30198228009, 30198228010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Benzene	ug/kg	ND	5.0	10/07/16 14:09	
Ethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/07/16 14:09	
m&p-Xylene	ug/kg	ND	10.0	10/07/16 14:09	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/07/16 14:09	
n-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
n-Propylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Naphthalene	ug/kg	ND	5.0	10/07/16 14:09	
o-Xylene	ug/kg	ND	5.0	10/07/16 14:09	
p-Isopropyltoluene	ug/kg	ND	5.0	10/07/16 14:09	
sec-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
tert-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Toluene	ug/kg	ND	5.0	10/07/16 14:09	
1,2-Dichloroethane-d4 (S)	%	102	69-137	10/07/16 14:09	
4-Bromofluorobenzene (S)	%	98	65-146	10/07/16 14:09	
Dibromofluoromethane (S)	%	96	70-130	10/07/16 14:09	
Toluene-d8 (S)	%	105	68-135	10/07/16 14:09	

LABORATORY CONTROL SAMPLE: 1159041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	17.8	89	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	17.7	88	74-129	
Benzene	ug/kg	20	17.6	88	71-137	
Ethylbenzene	ug/kg	20	16.9	85	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	18.0	90	78-133	
m&p-Xylene	ug/kg	40	34.8	87	77-129	
Methyl-tert-butyl ether	ug/kg	20	22.1	110	77-141	
n-Butylbenzene	ug/kg	20	17.7	89	74-140	
n-Propylbenzene	ug/kg	20	18.1	90	70-140	
Naphthalene	ug/kg	20	18.8	94	81-126	
o-Xylene	ug/kg	20	20.4	102	80-125	
p-Isopropyltoluene	ug/kg	20	17.6	88	74-136	
sec-Butylbenzene	ug/kg	20	18.5	93	81-132	
tert-Butylbenzene	ug/kg	20	18.3	91	77-129	
Toluene	ug/kg	20	17.1	86	72-127	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198228

LABORATORY CONTROL SAMPLE: 1159041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane-d4 (S)	%			92	69-137	
4-Bromofluorobenzene (S)	%			99	65-146	
Dibromofluoromethane (S)	%			117	70-130	
Toluene-d8 (S)	%			100	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198228

QC Batch: 235836 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30198228001, 30198228002, 30198228003, 30198228004, 30198228005, 30198228006, 30198228007, 30198228008, 30198228009, 30198228010

METHOD BLANK: 1158250 Matrix: Solid
Associated Lab Samples: 30198228001, 30198228002, 30198228003, 30198228004, 30198228005, 30198228006, 30198228007, 30198228008, 30198228009, 30198228010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/07/16 19:18	
Acenaphthylene	ug/kg	ND	6.7	10/07/16 19:18	
Anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(a)anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(a)pyrene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Chrysene	ug/kg	ND	6.7	10/07/16 19:18	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Fluorene	ug/kg	ND	6.7	10/07/16 19:18	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/07/16 19:18	
Naphthalene	ug/kg	ND	6.7	10/07/16 19:18	
Phenanthrene	ug/kg	ND	6.7	10/07/16 19:18	
Pyrene	ug/kg	ND	6.7	10/07/16 19:18	
2-Fluorobiphenyl (S)	%	74	35-141	10/07/16 19:18	
Terphenyl-d14 (S)	%	79	64-141	10/07/16 19:18	

LABORATORY CONTROL SAMPLE: 1158251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	114	85	43-113	
Acenaphthylene	ug/kg	133	83.5	63	41-114	
Anthracene	ug/kg	133	107	80	59-115	
Benzo(a)anthracene	ug/kg	133	119	89	62-122	
Benzo(a)pyrene	ug/kg	133	116	87	56-113	
Benzo(b)fluoranthene	ug/kg	133	123	92	43-138	
Benzo(g,h,i)perylene	ug/kg	133	118	88	47-143	
Benzo(k)fluoranthene	ug/kg	133	112	84	52-138	
Chrysene	ug/kg	133	118	88	64-119	
Dibenz(a,h)anthracene	ug/kg	133	119	89	59-133	
Fluoranthene	ug/kg	133	117	87	64-122	
Fluorene	ug/kg	133	110	82	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	121	90	59-132	
Naphthalene	ug/kg	133	109	82	47-108	
Phenanthrene	ug/kg	133	111	83	42-122	
Pyrene	ug/kg	133	118	88	64-117	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198228

LABORATORY CONTROL SAMPLE: 1158251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Fluorobiphenyl (S)	%			82	35-141	
Terphenyl-d14 (S)	%			86	64-141	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1158252 1158253

Parameter	Units	30197959001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	12.2	140	139	152	142	100	93	43-113	7	
Acenaphthylene	ug/kg	21.7	140	139	188	167	118	104	41-114	12	M1
Anthracene	ug/kg	7.6	140	139	124	137	83	93	59-115	9	
Benzo(a)anthracene	ug/kg	ND	140	139	135	132	96	95	62-122	2	
Benzo(a)pyrene	ug/kg	ND	140	139	125	121	88	86	56-113	4	
Benzo(b)fluoranthene	ug/kg	ND	140	139	137	140	96	100	43-138	2	
Benzo(g,h,i)perylene	ug/kg	ND	140	139	123	116	86	82	47-143	6	
Benzo(k)fluoranthene	ug/kg	ND	140	139	111	101	79	72	52-138	9	
Chrysene	ug/kg	ND	140	139	143	135	102	97	64-119	6	
Dibenz(a,h)anthracene	ug/kg	ND	140	139	127	122	91	87	59-133	5	
Fluoranthene	ug/kg	25.8	140	139	123	116	69	65	64-122	6	
Fluorene	ug/kg	16.7	140	139	159	151	101	97	46-114	5	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	140	139	127	120	90	86	59-132	5	
Naphthalene	ug/kg	37.1	140	139	146	138	78	72	47-108	6	
Phenanthrene	ug/kg	55.4	140	139	199	181	102	90	42-122	10	
Pyrene	ug/kg	36.6	140	139	151	146	81	79	64-117	3	
2-Fluorobiphenyl (S)	%						80	75	35-141		
Terphenyl-d14 (S)	%						78	74	64-141		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198228

QC Batch: 236069 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30198228001, 30198228002, 30198228003, 30198228004, 30198228005, 30198228006, 30198228007, 30198228008, 30198228009, 30198228010, 30198228011

SAMPLE DUPLICATE: 1159866

Parameter	Units	30198050002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	0.31	0.25	20	

SAMPLE DUPLICATE: 1159867

Parameter	Units	30198050003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	0.18	0.40	78	D6

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30198228

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.

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.

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.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

BATCH QUALIFIERS

Batch: 235976

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30198228

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30198228001	**PL-10**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228002	**PL-9**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228003	**PL-8**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228004	**PL-14**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228005	**DI-3**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228006	**PL-12**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228007	**PL-11**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228008	**PL-15**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228009	**PL-16**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228010	**PL-13**	EPA 3546	235836	EPA 8270D by SIM	235900
30198228001	**PL-10**	EPA 5035A	235976	EPA 8260C	236049
30198228002	**PL-9**	EPA 5035A	235976	EPA 8260C	236049
30198228003	**PL-8**	EPA 5035A	235976	EPA 8260C	236049
30198228004	**PL-14**	EPA 5035A	235976	EPA 8260C	236049
30198228005	**DI-3**	EPA 5035A	235976	EPA 8260C	236049
30198228006	**PL-12**	EPA 5035A	235976	EPA 8260C	236049
30198228007	**PL-11**	EPA 5035A	235976	EPA 8260C	236049
30198228008	**PL-15**	EPA 5035A	235976	EPA 8260C	236049
30198228009	**PL-16**	EPA 5035A	235976	EPA 8260C	236049
30198228010	**PL-13**	EPA 5035A	235976	EPA 8260C	236049
30198228001	**PL-10**	ASTM D2974-87	236069		
30198228002	**PL-9**	ASTM D2974-87	236069		
30198228003	**PL-8**	ASTM D2974-87	236069		
30198228004	**PL-14**	ASTM D2974-87	236069		
30198228005	**DI-3**	ASTM D2974-87	236069		
30198228006	**PL-12**	ASTM D2974-87	236069		
30198228007	**PL-11**	ASTM D2974-87	236069		
30198228008	**PL-15**	ASTM D2974-87	236069		
30198228009	**PL-16**	ASTM D2974-87	236069		
30198228010	**PL-13**	ASTM D2974-87	236069		

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of 2061856

Section A Required Client Information:

Company: EnviroTrac Ltd.
Address: 5 Old Dock Road
Yaphank, NY
Email To:
Phone: 631-924-3001 Fax:
Requested Due Date/TAT: 3-Day TAT!

Section B Required Project Information:

Report To: Joe Rennie
Copy To: Ed Russo
Purchase Order No.:
Project Name: Lenox
Project Number: Speedway # 7825

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: NY

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

WO#: 30198228

ITEM #	SAMPLE ID	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 STARS (VOCs)	8270 STARS (SVOCs)	Res	Pace Project No./ Lab I.D.
1	PL-10	SL	G			10/4/16	0900		2	2								X	X		001
2	PL-9	SL	G				0910		2	2								X	X		002
3	PL-8	SL	G				0940		2	2								X	X		003
4	PL-14	SL	G				1045		2	2								X	X		004
5	DI-3	SL	G				1145		2	2								X	X		005
6	PL-12	SL	G				1150		2	2								X	X		006
7	PL-11	SL	G				1300		2	2								X	X		007
8	PL-15	SL	G				1320		2	2								X	X		008
9	PL-16	SL	G				1330		2	2								X	X		009
10	PL-13	SL	G				1350		2	2								X	X		010
11	Vent lines	SL	G				1200		2	2								X	X		011
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
3-Day TAT!!!	Crystal Bakewell / ETNY	10/4/16	1600	Paul Back / ETNY	10/5/16	900
	Paul Back / ETNY	10/5/16	945		10-6-16	950

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Crystal Bakewell

SIGNATURE of SAMPLER: Crystal Bakewell DATE Signed (MM/DD/YY): 10/4/16

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Sample Condition Upon Receipt Pittsburgh

Pace Analytical

Client Name: Enviro-trac Project # 30198228

Courier: ☒ FedEx ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other _____

Tracking #: torn

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Thermometer Used 6 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 5.8 °C Correction Factor: -0.2 °C Final Temp: 5.6 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: ML 10-6-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	X			1.
Chain of Custody Filled Out:	X			2.
Chain of Custody Relinquished:	X			3.
Sampler Name & Signature on COC:	X			4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	X			5.
Samples Arrived within Hold Time:	X			6.
Short Hold Time Analysis (<72hr remaining):		X		7.
Rush Turn Around Time Requested:	X			8.
Sufficient Volume:	X			9.
Correct Containers Used: -Pace Containers Used:	X X			10. 2 jars per sample
Containers Intact:	X			11.
Filtered volume received for Dissolved tests			X	12.
All containers needing preservation have been checked. All containers needing preservation are found to be in compliance with EPA recommendation.			X X	13.
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed: ML Date/time of preservation Lot # of added preservative
Headspace in VOA Vials (>6mm):			X	14.
Trip Blank Present:		X		15.
Trip Blank Custody Seals Present			X	
Rad Aqueous Samples Screened > 0.5 mrem/hr		X		Initial when completed: ML Date: 10-6-16

Client Notification/ Resolution:

Person Contacted: _____ Date/Time: _____ Contacted By: _____

Comments/ Resolution: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

October 12, 2016

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

RE: Project: Speedway 7825
Pace Project No.: 30198229

Dear Mr. Russo:
Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2016. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,

Rachel D Christner

Rachel Christner
rachel.christner@pacelabs.com
Project Manager

Enclosures

cc: Ms. Crystal Bakewicz, EnviroTrac
Priscilla DeJesus, EnviroTrac
Mr. Joe Rennie, EnviroTrac
Mr. Dan Ruffini, EnviroTrac

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

CERTIFICATIONS

Project: Speedway 7825
Pace Project No.: 30198229

Pennsylvania Certification IDs

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
L-A-B DOD-ELAP Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification
Connecticut Certification #: PH-0694
Delaware Certification
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: 90133
Louisiana DHH/TNI Certification #: LA140008
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: PA00091
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification
Missouri Certification #: 235
Montana Certification #: Cert 0082
Nebraska Certification #: NE-05-29-14
Nevada Certification #: PA014572015-1
New Hampshire/TNI Certification #: 2976
New Jersey/TNI Certification #: PA 051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Oregon/TNI Certification #: PA200002
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: TN2867
Texas/TNI Certification #: T104704188-14-8
Utah/TNI Certification #: PA014572015-5
USDA Soil Permit #: P330-14-00213
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 460198
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Certification
Wyoming Certification #: 8TMS-L

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

SAMPLE ANALYTE COUNT

Project: Speedway 7825
Pace Project No.: 30198229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30198229001	**DI-5**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198229002	**PL-5**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198229003	**PL-2**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198229004	**PL-1**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA
30198229005	**DI-4**	EPA 8270D by SIM	TMK	18	PASI-PA
		EPA 8260C	JEW	19	PASI-PA
		ASTM D2974-87	MLL	1	PASI-PA

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198229

Sample: DI-5 **Lab ID: 30198229001** Collected: 10/03/16 10:20 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	83-32-9	
Acenaphthylene	ND	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	208-96-8	
Anthracene	**104**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	120-12-7	
Benzo(a)anthracene	**489**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	56-55-3	
Benzo(a)pyrene	**510**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	50-32-8	
Benzo(b)fluoranthene	**993**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	205-99-2	ip
Benzo(g,h,i)perylene	**285**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	191-24-2	
Benzo(k)fluoranthene	**767**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	207-08-9	ip
Chrysene	**472**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	218-01-9	
Dibenz(a,h)anthracene	**92.7**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	53-70-3	
Fluoranthene	**918**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	206-44-0	
Fluorene	ND	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	86-73-7	
Indeno(1,2,3-cd)pyrene	**251**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	193-39-5	
Naphthalene	ND	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	91-20-3	
Phenanthrene	**374**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	85-01-8	
Pyrene	**848**	ug/kg	68.8	10	10/06/16 15:10	10/08/16 00:49	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	57	%	35-141	10	10/06/16 15:10	10/08/16 00:49	321-60-8	
Terphenyl-d14 (S)	63	%	64-141	10	10/06/16 15:10	10/08/16 00:49	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	1634-04-4	1c
Naphthalene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	103-65-1	1c
Toluene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.0	1	10/07/16 14:38	10/07/16 18:33	179601-23-1	1c
o-Xylene	ND	ug/kg	5.0	1	10/07/16 14:38	10/07/16 18:33	95-47-6	1c
Surrogates								
Toluene-d8 (S)	99	%	68-135	1	10/07/16 14:38	10/07/16 18:33	2037-26-5	
4-Bromofluorobenzene (S)	104	%	65-146	1	10/07/16 14:38	10/07/16 18:33	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	69-137	1	10/07/16 14:38	10/07/16 18:33	17060-07-0	
Dibromofluoromethane (S)	99	%	70-130	1	10/07/16 14:38	10/07/16 18:33	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**5.2**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198229

Sample: PL-5 **Lab ID: 30198229002** Collected: 10/03/16 11:05 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	83-32-9	
Acenaphthylene	**91.4**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	208-96-8	
Anthracene	**153**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	120-12-7	
Benzo(a)anthracene	**561**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	56-55-3	
Benzo(a)pyrene	**586**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	50-32-8	
Benzo(b)fluoranthene	**854**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	205-99-2	
Benzo(g,h,i)perylene	**355**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	191-24-2	
Benzo(k)fluoranthene	**308**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	207-08-9	
Chrysene	**571**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	218-01-9	
Dibenz(a,h)anthracene	**108**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	53-70-3	
Fluoranthene	**1070**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	206-44-0	
Fluorene	ND	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	86-73-7	
Indeno(1,2,3-cd)pyrene	**309**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	193-39-5	
Naphthalene	ND	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	91-20-3	
Phenanthrene	**613**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	85-01-8	
Pyrene	**959**	ug/kg	72.1	10	10/06/16 15:10	10/08/16 01:07	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	54	%	35-141	10	10/06/16 15:10	10/08/16 01:07	321-60-8	
Terphenyl-d14 (S)	65	%	64-141	10	10/06/16 15:10	10/08/16 01:07	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	1634-04-4	1c
Naphthalene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	103-65-1	1c
Toluene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.9	1	10/07/16 14:38	10/07/16 18:52	179601-23-1	1c
o-Xylene	ND	ug/kg	5.4	1	10/07/16 14:38	10/07/16 18:52	95-47-6	1c
Surrogates								
Toluene-d8 (S)	96	%	68-135	1	10/07/16 14:38	10/07/16 18:52	2037-26-5	
4-Bromofluorobenzene (S)	111	%	65-146	1	10/07/16 14:38	10/07/16 18:52	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	69-137	1	10/07/16 14:38	10/07/16 18:52	17060-07-0	
Dibromofluoromethane (S)	103	%	70-130	1	10/07/16 14:38	10/07/16 18:52	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.0**	%	0.10	1		10/10/16 12:32		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198229

Sample: PL-2 **Lab ID: 30198229003** Collected: 10/03/16 11:20 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	**84.6**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	83-32-9	
Acenaphthylene	**179**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	208-96-8	
Anthracene	**369**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	120-12-7	
Benzo(a)anthracene	**1380**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	56-55-3	
Benzo(a)pyrene	**1390**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	50-32-8	
Benzo(b)fluoranthene	**2230**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	205-99-2	
Benzo(g,h,i)perylene	**675**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	191-24-2	
Benzo(k)fluoranthene	**650**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	207-08-9	
Chrysene	**1430**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	218-01-9	
Dibenz(a,h)anthracene	**232**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	53-70-3	
Fluoranthene	**2750**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	206-44-0	
Fluorene	ND	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**615**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	193-39-5	
Naphthalene	ND	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	91-20-3	
Phenanthrene	**1440**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	85-01-8	
Pyrene	**2550**	ug/kg	72.6	10	10/06/16 15:10	10/08/16 01:24	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	60	%	35-141	10	10/06/16 15:10	10/08/16 01:24	321-60-8	
Terphenyl-d14 (S)	67	%	64-141	10	10/06/16 15:10	10/08/16 01:24	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	71-43-2	1c
n-Butylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	98-06-6	1c
Ethylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	1634-04-4	1c
Naphthalene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	91-20-3	1c
n-Propylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	103-65-1	1c
Toluene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	108-67-8	1c
m&p-Xylene	ND	ug/kg	12.0	1	10/07/16 14:38	10/07/16 19:11	179601-23-1	1c
o-Xylene	ND	ug/kg	6.0	1	10/07/16 14:38	10/07/16 19:11	95-47-6	1c
Surrogates								
Toluene-d8 (S)	116	%	68-135	1	10/07/16 14:38	10/07/16 19:11	2037-26-5	
4-Bromofluorobenzene (S)	107	%	65-146	1	10/07/16 14:38	10/07/16 19:11	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	69-137	1	10/07/16 14:38	10/07/16 19:11	17060-07-0	
Dibromofluoromethane (S)	98	%	70-130	1	10/07/16 14:38	10/07/16 19:11	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		10/10/16 12:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198229

Sample: PL-1 **Lab ID: 30198229004** Collected: 10/03/16 12:00 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	83-32-9	
Acenaphthylene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	208-96-8	
Anthracene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	120-12-7	
Benzo(a)anthracene	**180**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	56-55-3	
Benzo(a)pyrene	**199**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	50-32-8	
Benzo(b)fluoranthene	**398**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	205-99-2	ip
Benzo(g,h,i)perylene	**116**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	191-24-2	
Benzo(k)fluoranthene	**308**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	207-08-9	ip
Chrysene	**177**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	53-70-3	
Fluoranthene	**278**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	206-44-0	
Fluorene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**97.4**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	193-39-5	
Naphthalene	ND	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	91-20-3	
Phenanthrene	**111**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	85-01-8	
Pyrene	**270**	ug/kg	73.5	10	10/06/16 15:10	10/08/16 01:41	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	55	%	35-141	10	10/06/16 15:10	10/08/16 01:41	321-60-8	
Terphenyl-d14 (S)	62	%	64-141	10	10/06/16 15:10	10/08/16 01:41	1718-51-0	S4
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	1634-04-4	1c
Naphthalene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	103-65-1	1c
Toluene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	108-67-8	1c
m&p-Xylene	ND	ug/kg	11.4	1	10/07/16 14:38	10/07/16 19:30	179601-23-1	1c
o-Xylene	ND	ug/kg	5.7	1	10/07/16 14:38	10/07/16 19:30	95-47-6	1c
Surrogates								
Toluene-d8 (S)	108	%	68-135	1	10/07/16 14:38	10/07/16 19:30	2037-26-5	
4-Bromofluorobenzene (S)	114	%	65-146	1	10/07/16 14:38	10/07/16 19:30	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	69-137	1	10/07/16 14:38	10/07/16 19:30	17060-07-0	
Dibromofluoromethane (S)	101	%	70-130	1	10/07/16 14:38	10/07/16 19:30	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**10.2**	%	0.10	1		10/10/16 12:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
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(724)850-5600

ANALYTICAL RESULTS

Project: Speedway 7825
Pace Project No.: 30198229

Sample: DI-4 **Lab ID: 30198229005** Collected: 10/03/16 13:50 Received: 10/06/16 09:50 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.
Comments: • 8270 DSJ: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270D MSSV PAH by SIM	Analytical Method: EPA 8270D by SIM Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	83-32-9	
Acenaphthylene	ND	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	208-96-8	
Anthracene	ND	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	120-12-7	
Benzo(a)anthracene	**148**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	56-55-3	
Benzo(a)pyrene	**211**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	50-32-8	
Benzo(b)fluoranthene	**295**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	205-99-2	
Benzo(g,h,i)perylene	**231**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	191-24-2	
Benzo(k)fluoranthene	**120**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	207-08-9	
Chrysene	**162**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	53-70-3	
Fluoranthene	**179**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	206-44-0	
Fluorene	ND	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	86-73-7	
Indeno(1,2,3-cd)pyrene	**149**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	193-39-5	
Naphthalene	**202**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	91-20-3	
Phenanthrene	**85.0**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	85-01-8	
Pyrene	**188**	ug/kg	75.8	10	10/06/16 15:10	10/08/16 01:59	129-00-0	
Surrogates								
2-Fluorobiphenyl (S)	65	%	35-141	10	10/06/16 15:10	10/08/16 01:59	321-60-8	
Terphenyl-d14 (S)	73	%	64-141	10	10/06/16 15:10	10/08/16 01:59	1718-51-0	
8260C MSV 5035 Low Level	Analytical Method: EPA 8260C Preparation Method: EPA 5035A							
Benzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	71-43-2	1c
n-Butylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	104-51-8	1c
sec-Butylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	135-98-8	1c
tert-Butylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	98-06-6	1c
Ethylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	100-41-4	1c
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	98-82-8	1c
p-Isopropyltoluene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	99-87-6	1c
Methyl-tert-butyl ether	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	1634-04-4	1c
Naphthalene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	91-20-3	1c
n-Propylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	103-65-1	1c
Toluene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	108-88-3	1c
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	95-63-6	1c
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	108-67-8	1c
m&p-Xylene	ND	ug/kg	10.3	1	10/07/16 14:38	10/07/16 19:49	179601-23-1	1c
o-Xylene	ND	ug/kg	5.2	1	10/07/16 14:38	10/07/16 19:49	95-47-6	1c
Surrogates								
Toluene-d8 (S)	105	%	68-135	1	10/07/16 14:38	10/07/16 19:49	2037-26-5	
4-Bromofluorobenzene (S)	124	%	65-146	1	10/07/16 14:38	10/07/16 19:49	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	69-137	1	10/07/16 14:38	10/07/16 19:49	17060-07-0	
Dibromofluoromethane (S)	96	%	70-130	1	10/07/16 14:38	10/07/16 19:49	1868-53-7	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**11.8**	%	0.10	1		10/10/16 12:31		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198229

QC Batch: 235976 Analysis Method: EPA 8260C
QC Batch Method: EPA 5035A Analysis Description: 8260C MSV 5035 Low
Associated Lab Samples: 30198229001, 30198229002, 30198229003, 30198229004, 30198229005

METHOD BLANK: 1159040 Matrix: Solid
Associated Lab Samples: 30198229001, 30198229002, 30198229003, 30198229004, 30198229005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Benzene	ug/kg	ND	5.0	10/07/16 14:09	
Ethylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	10/07/16 14:09	
m&p-Xylene	ug/kg	ND	10.0	10/07/16 14:09	
Methyl-tert-butyl ether	ug/kg	ND	5.0	10/07/16 14:09	
n-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
n-Propylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Naphthalene	ug/kg	ND	5.0	10/07/16 14:09	
o-Xylene	ug/kg	ND	5.0	10/07/16 14:09	
p-Isopropyltoluene	ug/kg	ND	5.0	10/07/16 14:09	
sec-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
tert-Butylbenzene	ug/kg	ND	5.0	10/07/16 14:09	
Toluene	ug/kg	ND	5.0	10/07/16 14:09	
1,2-Dichloroethane-d4 (S)	%	102	69-137	10/07/16 14:09	
4-Bromofluorobenzene (S)	%	98	65-146	10/07/16 14:09	
Dibromofluoromethane (S)	%	96	70-130	10/07/16 14:09	
Toluene-d8 (S)	%	105	68-135	10/07/16 14:09	

LABORATORY CONTROL SAMPLE: 1159041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	20	17.8	89	79-125	
1,3,5-Trimethylbenzene	ug/kg	20	17.7	88	74-129	
Benzene	ug/kg	20	17.6	88	71-137	
Ethylbenzene	ug/kg	20	16.9	85	78-126	
Isopropylbenzene (Cumene)	ug/kg	20	18.0	90	78-133	
m&p-Xylene	ug/kg	40	34.8	87	77-129	
Methyl-tert-butyl ether	ug/kg	20	22.1	110	77-141	
n-Butylbenzene	ug/kg	20	17.7	89	74-140	
n-Propylbenzene	ug/kg	20	18.1	90	70-140	
Naphthalene	ug/kg	20	18.8	94	81-126	
o-Xylene	ug/kg	20	20.4	102	80-125	
p-Isopropyltoluene	ug/kg	20	17.6	88	74-136	
sec-Butylbenzene	ug/kg	20	18.5	93	81-132	
tert-Butylbenzene	ug/kg	20	18.3	91	77-129	
Toluene	ug/kg	20	17.1	86	72-127	
1,2-Dichloroethane-d4 (S)	%			92	69-137	
4-Bromofluorobenzene (S)	%			99	65-146	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198229

LABORATORY CONTROL SAMPLE: 1159041

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromofluoromethane (S)	%			117	70-130	
Toluene-d8 (S)	%			100	68-135	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198229

QC Batch: 235836 Analysis Method: EPA 8270D by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270D/3546 MSSV PAH by SIM
Associated Lab Samples: 30198229001, 30198229002, 30198229003, 30198229004, 30198229005

METHOD BLANK: 1158250 Matrix: Solid
Associated Lab Samples: 30198229001, 30198229002, 30198229003, 30198229004, 30198229005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/kg	ND	6.7	10/07/16 19:18	
Acenaphthylene	ug/kg	ND	6.7	10/07/16 19:18	
Anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(a)anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(a)pyrene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(b)fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(g,h,i)perylene	ug/kg	ND	6.7	10/07/16 19:18	
Benzo(k)fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Chrysene	ug/kg	ND	6.7	10/07/16 19:18	
Dibenz(a,h)anthracene	ug/kg	ND	6.7	10/07/16 19:18	
Fluoranthene	ug/kg	ND	6.7	10/07/16 19:18	
Fluorene	ug/kg	ND	6.7	10/07/16 19:18	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	6.7	10/07/16 19:18	
Naphthalene	ug/kg	ND	6.7	10/07/16 19:18	
Phenanthrene	ug/kg	ND	6.7	10/07/16 19:18	
Pyrene	ug/kg	ND	6.7	10/07/16 19:18	
2-Fluorobiphenyl (S)	%	74	35-141	10/07/16 19:18	
Terphenyl-d14 (S)	%	79	64-141	10/07/16 19:18	

LABORATORY CONTROL SAMPLE: 1158251

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Acenaphthene	ug/kg	133	114	85	43-113	
Acenaphthylene	ug/kg	133	83.5	63	41-114	
Anthracene	ug/kg	133	107	80	59-115	
Benzo(a)anthracene	ug/kg	133	119	89	62-122	
Benzo(a)pyrene	ug/kg	133	116	87	56-113	
Benzo(b)fluoranthene	ug/kg	133	123	92	43-138	
Benzo(g,h,i)perylene	ug/kg	133	118	88	47-143	
Benzo(k)fluoranthene	ug/kg	133	112	84	52-138	
Chrysene	ug/kg	133	118	88	64-119	
Dibenz(a,h)anthracene	ug/kg	133	119	89	59-133	
Fluoranthene	ug/kg	133	117	87	64-122	
Fluorene	ug/kg	133	110	82	46-114	
Indeno(1,2,3-cd)pyrene	ug/kg	133	121	90	59-132	
Naphthalene	ug/kg	133	109	82	47-108	
Phenanthrene	ug/kg	133	111	83	42-122	
Pyrene	ug/kg	133	118	88	64-117	
2-Fluorobiphenyl (S)	%			82	35-141	
Terphenyl-d14 (S)	%			86	64-141	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198229

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1158252 1158253

Parameter	Units	30197959001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Acenaphthene	ug/kg	12.2	140	139	152	142	100	93	43-113	7	
Acenaphthylene	ug/kg	21.7	140	139	188	167	118	104	41-114	12	M1
Anthracene	ug/kg	7.6	140	139	124	137	83	93	59-115	9	
Benzo(a)anthracene	ug/kg	ND	140	139	135	132	96	95	62-122	2	
Benzo(a)pyrene	ug/kg	ND	140	139	125	121	88	86	56-113	4	
Benzo(b)fluoranthene	ug/kg	ND	140	139	137	140	96	100	43-138	2	
Benzo(g,h,i)perylene	ug/kg	ND	140	139	123	116	86	82	47-143	6	
Benzo(k)fluoranthene	ug/kg	ND	140	139	111	101	79	72	52-138	9	
Chrysene	ug/kg	ND	140	139	143	135	102	97	64-119	6	
Dibenz(a,h)anthracene	ug/kg	ND	140	139	127	122	91	87	59-133	5	
Fluoranthene	ug/kg	25.8	140	139	123	116	69	65	64-122	6	
Fluorene	ug/kg	16.7	140	139	159	151	101	97	46-114	5	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	140	139	127	120	90	86	59-132	5	
Naphthalene	ug/kg	37.1	140	139	146	138	78	72	47-108	6	
Phenanthrene	ug/kg	55.4	140	139	199	181	102	90	42-122	10	
Pyrene	ug/kg	36.6	140	139	151	146	81	79	64-117	3	
2-Fluorobiphenyl (S)	%						80	75	35-141		
Terphenyl-d14 (S)	%						78	74	64-141		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA

Project: Speedway 7825
Pace Project No.: 30198229

QC Batch: 236069 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 30198229001, 30198229002, 30198229003, 30198229004, 30198229005

SAMPLE DUPLICATE: 1159866

Parameter	Units	30198050002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	0.31	0.25	20	

SAMPLE DUPLICATE: 1159867

Parameter	Units	30198050003 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	0.18	0.40	78	D6

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALIFIERS

Project: Speedway 7825
Pace Project No.: 30198229

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.

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.

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.

LABORATORIES

PASI-PA	Pace Analytical Services - Greensburg

BATCH QUALIFIERS

Batch: 235976

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1c	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.
D6	The precision between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.
ip	Benzo(b)fluoranthene and benzo(k)fluoranthene were separated in the check standard but did not meet the resolution criteria in SW846 Method 8270D. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Pace Analytical Services, LLC
1638 Roseytown Road - Suites 2,3,4
Greensburg, PA 15601
(724)850-5600

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Speedway 7825
Pace Project No.: 30198229

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30198229001	**DI-5**	EPA 3546	235836	EPA 8270D by SIM	235900
30198229002	**PL-5**	EPA 3546	235836	EPA 8270D by SIM	235900
30198229003	**PL-2**	EPA 3546	235836	EPA 8270D by SIM	235900
30198229004	**PL-1**	EPA 3546	235836	EPA 8270D by SIM	235900
30198229005	**DI-4**	EPA 3546	235836	EPA 8270D by SIM	235900
30198229001	**DI-5**	EPA 5035A	235976	EPA 8260C	236049
30198229002	**PL-5**	EPA 5035A	235976	EPA 8260C	236049
30198229003	**PL-2**	EPA 5035A	235976	EPA 8260C	236049
30198229004	**PL-1**	EPA 5035A	235976	EPA 8260C	236049
30198229005	**DI-4**	EPA 5035A	235976	EPA 8260C	236049
30198229001	**DI-5**	ASTM D2974-87	236069		
30198229002	**PL-5**	ASTM D2974-87	236069		
30198229003	**PL-2**	ASTM D2974-87	236069		
30198229004	**PL-1**	ASTM D2974-87	236069		
30198229005	**DI-4**	ASTM D2974-87	236069		

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

2061855

Section A Required Client Information:

Company:	EnviroTrac Ltd.
Address:	5 Old Dock Road, Yaphank, NY
Email To:	
Phone:	631-924-3001 Fax:
Requested Due Date/TAT:	3-DAY TAT!!

Section B Required Project Information:

Report To:	Joe Rennie
Copy To:	Ed Russo
Purchase Order No.:	
Project Name:	Lenox
Project Number:	Speedway # 7825

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

NPDES | GROUND WATER | DRINKING WATER | UST | RCRA | OTHER

Site Location STATE: NY

Requested Analysis Filtered (Y/N)

WO#:30198229

30198229

Section D Required Client Information

Matrix Codes MATRIX / CODE: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Tissue TS, Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	STARS 8260 VOCs	STARS 8270 SVOCs	Residual	Pace Project No./ Lab I.D.
1	DI-5	SL	G			10/3/16	1020		2	2									X	X		001
2	PL-5	SL	G			10/3/16	1105		2	2									X	X		002
3	PL-2	SL	G			10/3/16	1120		2	2									X	X		003
4	PL-1	SL	G			10/3/16	1200		2	2									X	X		004
5	DT-4	SL	G			10/3/16	1350		2	2									X	X		005
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
3-Day TAT!!!	Crystal Bakewicz /ETNY	10/3/16	1700	[signature] /ETNY	10/5/16	8:30				
	[signature] /ETNY	10/5/16	900	[signature]	10-6/16	950	5.6	Y	Y	Y

SAMPLE CONDITIONS

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Crystal Bakewicz

SIGNATURE of SAMPLER: Crystal Bakewicz

DATE Signed (MM/DD/YY): 10/3/16

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Sample Condition Upon Receipt Pittsburgh

30198229

Pace Analytical

Client Name: Enviro-Trac Project #

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

Tracking #: torn

Custody Seal on Cooler/Box Present: ☒ yes ☐ no Seals intact: ☒ yes ☐ no

Thermometer Used 6 Type of Ice: Wet Blue None

Cooler Temperature Observed Temp 5.8 °C Correction Factor: -0.2 °C Final Temp: 5.6 °C

Temp should be above freezing to 6°C

Date and Initials of person examining contents: ML 10-6-16

Comments:	Yes	No	N/A	
Chain of Custody Present:	X			1.
Chain of Custody Filled Out:	X			2.
Chain of Custody Relinquished:	X			3.
Sampler Name & Signature on COC:	X			4.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: SL	X			5.
Samples Arrived within Hold Time:	X			6.
Short Hold Time Analysis (<72hr remaining):		X		7.
Rush Turn Around Time Requested:	X			8.
Sufficient Volume:	X			9.
Correct Containers Used: -Pace Containers Used:	X			10. 2 jars per sample
Containers Intact:	X			11.
Filtered volume received for Dissolved tests			X	12.
All containers needing preservation have been checked.			X	13.
All containers needing preservation are found to be in compliance with EPA recommendation.			X	
exceptions: VOA, coliform, TOC, O&G, Phenolics				Initial when completed ML Date/time of preservation
				Lot # of added preservative
Headspace in VOA Vials (>6mm):			X	14.
Trip Blank Present:		X		15.
Trip Blank Custody Seals Present			X	
Rad Aqueous Samples Screened > 0.5 mrem/hr		X		Initial when completed: ML Date: 10-6-16

Client Notification/ Resolution:

Person Contacted: Date/Time: Contacted By:

Comments/ Resolution:

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)

***PM review** is documented electronically in LIMS. When the Project Manager closes the SRF Review schedule in LIMS. The review is in the Status section of the Workorder Edit Screen.

Appendix C

Certificate of Destruction for USTs

ISLAND Pump & Tank CORP.

LI Office
40 Doyle Court
East Northport, NY 11731-6405
(631) 462-2226
FAX (631) 462-6434
www.islandpumpandtank.com

NY City Office
1381 Utica Avenue
Brooklyn, NY 11203
(718) 526-6525

October 10, 2016

DCI Mr. Frank Cifuentes
New York City Fire Department
9 Metro Tech Center
3rd Floor
Brooklyn, NY 11201-5884

Re: Tank Removal
120-128 West 145th St
New York NY 10039

Dear DCI Mr. Frank Cifuentes,

Please be advised that Island Pump and Tank Corp. removed Five (5) 4,000gallon double-wall fiberglass underground gasoline tanks and One (1) 550gallon double-wall fiberglass underground wastewater tank on September 29, 2016 at the above referenced location. The tanks were purged and cleaned before being crushed and disposed of at a lined landfill. This removal complies with Sections 3404.2.13.1 & 3404.2.13.2 of the New York City Fire Code

Please contact me if you have any questions.

Sincerely,

Island Pump & Tank Corp.

Frank DiAndrea
CEO
COF # 86389483 Exp. 04/29/2019
FD/jc

Sworn before me this 10th day of OCTOBER, 2016

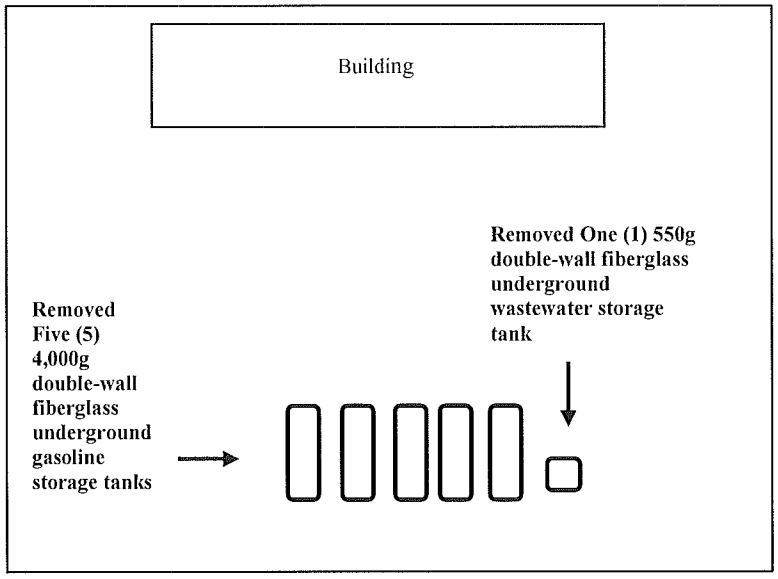
Jennifer Cacciopoli
Notary Public State Of
No. 01CA6
Qualified In Suffolk
Commission Expires June

19

Speedway
120-128 West 145th St
New York, NY

Tanks Removed

Five (5) – 4,000g double-wall fiberglass underground gasoline storage tanks
One (1) – 550g double-wall fiberglass underground wastewater storage tank



West 145th St

Appendix D

Waste Manifests

CleanVenture/CycleChem

CVCC 180771

NON-HAZARDOUS SOLID WASTE

The Environmental Services Source

BILL OF LADING

Page 1 of 1

24 Hour Emergency Number (908) 354-0210

GENERATOR

Generator's Name and Mailing Address: SPEEDWAY LLC
ENVIROMENTAL COMPLIANCE SPECIALIST - EAST 500 SPEEDWAY DRIVE
ENON, OH 45323

Generator's Phone: (937) 863-6693

BOL

120-128 WEST 145TH STREET
NEW YORK NY 10039

Transporter 1 Company Name: CLEAN VENTURE INC.

State Trans. ID-NJDEPE: 16755

Transporter 2 Company Name:

Decal No.-

Transporter's Phone: (908) 355-5800

Designated Facility Name and Site Address: Cycle Chem Inc.
217 South First Street
Elizabeth, NJ 07206

10. US EPA ID Number: NJD002240460

State Trans. ID-NJDEPE:

Decal No.-

Transporter's Phone:

Facility's Phone: (908) 355-5800

	US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	Containers No.	Containers Type	Total Quantity	Unit Wt/Vol	Waste No.
X	UN1268 PETROLEUM PRODUCTS N.O.S. (GASOLINE, DIESEL FUEL OR KEROSENE) 3 PG II ERG# 128	XX1	DM	XX50	G	
b.						
c.						
d.						

J. Additional Descriptions for Materials Listed Above

a. | c.

b. | d.

CCI Generator # and Product Codes: 963727/82/195685/339618 SPEEDWAY# 7825 (1)ID-2 (M01A) PETROLEUM CONTACT WATER

GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and are non-hazardous by USEPA & applicable state regulations.

PLACARDS REQUIRED

PLACARDS SUPPLIED ☐ YES ☐ NO- FURNISHED BY CARRIER

Printed/Typed Name	Signature	Month Day Year
Crystal Bakewicz as agent of Speedway	Crystal Bakewicz	10/12/2016

TRANSPORTER

Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year
F.S. White	F. S. White	10/12/16

Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month Day Year

FACILITY

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest.

Printed/Typed Name	Signature	Month Day Year

SIGNATURE AND INFORMATION *MUST* BE LEGIBLE ON ALL COPIES

COPY 1 - WHITE - GENERATOR COPY 2 - PINK - TRANSPORTER COPY 3 - BLUE - Cycle Chem COPY 4 - CANARY - FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000491491

	Date	Time	Scale
In:	10/3/2016	09:05:49	Scale CI
Out:	10/3/2016	09:06:07	P.T.

******** Reprinted Ticket ********

	Lbs	Tns
Gross:	96360	48.18
Tare:	29220	14.61
Net:	67140	33.57

Manifest: 907145
Vehicle ID: 07URIEL77
Vehicle Permit:
Customer: SPEEDWAY, INC

Facility Approval#: 163071319
Generator: Speedway LLC
Gen Address: 500 Speedway Drive
Enon, OH 45323

Job Name: Speedway LLC-Speedway #7825 I
Job Address: 122 W. 145th Street
New York, NY 10039

Origin	Materials & Services	Quantity	Unit
New York	Soil Treatment Type II	33.57	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

CLEANEARTH

Manifest # 907145

GLOBAL JOB NUMBER: 141933 **FACILITY APPROVAL NUMBER:** 163071319

Please Check One:

- ☒ Clean Earth of Carteret, 24 Middlesex Avenue, Carteret, NJ 07008, Ph: 732-541-8909
- ☐ Clean Earth of Maryland, 1469 Oak Ridge Place, Hagerstown, MD 21740, Ph: 301-791-6220
- ☐ Clean Earth of New Castle, 94 Pyles Lane, New Castle, DE 19720, Ph: 302-427-6633
- ☐ Clean Earth of Greater Washington, 6250 Dower House Road, Upper Marlboro, MD 20772, Ph: 301-599-0939
- ☐ Clean Earth of Philadelphia, 3201 S. 61st Street, Philadelphia, PA 19153, Ph: 215-724-5520
- ☐ Clean Earth of North Jersey, 115 Jacobus Avenue, Kearny, NJ 07032, Ph: 973-344-4004
- ☐ Clean Earth of Southeast Pennsylvania, 7 Steel Road East, Morrisville, PA 19067, Ph: 215-428-1700
- ☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:	GROSS WEIGHT: ☒ Tons ☐ Yards	
Speedway LLC-Speedway #7825 Lenox 122 W. 145th Street New York, NY 10039	TARE WEIGHT: ☒ Tons ☐ Yards	
GENERATOR'S PHONE: 732-738-2924	NET WEIGHT: ☒ Tons ☐ Yards	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION

Non-haz contaminated soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Crystal Bakewicz as agent of Speedway Title: Staff Scientist

Signature: Crystal Bakewicz Date and Time: 10/3/16 0800

TRANSPORTER

Company: URI 61 #77 Phone Number:

Address: 275 N 6th St Newark Truck # and License Plate: AT595C

Driver: Darwin SW Haulers Permit #: 3210

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [signature] Date and Time: 10/3/16.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [signature] Date and Time: 10 3 16

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [signature] Date and Time: 10/3/16

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000491496

	Date	Time	Scale
In:	10/3/2016	09:08:38	Scale CI
Out:	10/3/2016	09:08:48	P.T.

******** Reprinted Ticket ********

	Lbs	Tns
Gross:	95640	47.82
Tare:	27300	13.65
Net:	68340	34.17

Manifest: 907146
Vehicle ID: 07URIEL6
Vehicle Permit:
Customer: SPEEDWAY, INC

Facility Approval#: 163071319
Generator: Speedway LLC
Job Name: Speedway LLC-Speedway #7825 I
Gen Address: 500 Speedway Drive
Enon, OH 45323
Job Address: 122 W. 145th Street
New York, NY 10039

Origin	Materials & Services	Quantity	Unit
New York	Soil Treatment Type II	34.17	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

CLEANEARTH

Manifest # 907146

GLOBAL JOB NUMBER: 141933 **FACILITY APPROVAL NUMBER:** 163071319

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Speedway LLC-Speedway #7825 Lenox 122 W. 145th Street New York, NY 10039 GENERATOR'S PHONE: 732-738-2924	GROSS WEIGHT: ☒Tons ☐Yards TARE WEIGHT: ☒Tons ☐Yards NET WEIGHT: ☒Tons ☐Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION
Non-haz contaminated soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Crystal Barwick as agent of Speedway Title: Staff Scientist

Signature: Crystal Barwick Date and Time: 10/3/16 0815

TRANSPORTER

Company: CRIEL Phone Number: #06

Address: Truck # and License Plate: AT2595

Driver: Drew SW Haulers Permit #:

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 10/3/16

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/3/16

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000491698

	Date	Time	Scale
In:	10/3/2016	09:58:52	Scale CI
Out:	10/3/2016	09:59:22	P.T.

******** Reprinted Ticket ********

	Lbs	Tns
Gross:	100420	50.21
Tare:	27100	13.55
Net:	73320	36.66

Manifest: 907147
Vehicle ID: 07URIEL15
Vehicle Permit:
Customer: SPEEDWAY, INC

Facility Approval#: 163071319
Generator: Speedway LLC
Job Name: Speedway LLC-Speedway #7825 I
Gen Address: 500 Speedway Drive
Enon, OH 45323
Job Address: 122 W. 145th Street
New York, NY 10039

Origin	Materials & Services	Quantity	Unit
New York	Soil Treatment Type II	36.66	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

CLEANEARTH

Manifest # 907147

GLOBAL JOB NUMBER: 141933 **FACILITY APPROVAL NUMBER:** 163071319

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Speedway LLC-Speedway #7825 Lenox 122 W. 145th Street New York, NY 10039	GROSS WEIGHT: ☒ Tons ☐ Yards TARE WEIGHT: ☒ Tons ☐ Yards NET WEIGHT: ☒ Tons ☐ Yards
GENERATOR'S PHONE: 732-738-2924	

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION
Non-haz contaminated soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Crystal Bakewicz as agent Title: Staff Scientist

Signature: Crystal Bakewicz of Speedway Date and Time: 10/3/16

TRANSPORTER

Company: URIEL LLC #15 Phone Number: 973-9022043

Address: _____ Truck # and License Plate: AS 850N

Driver: Daniel Balarezo SW Haulers Permit #: _____

(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Daniel Balarezo Date and Time: 10-03-16.

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Daniel Balarezo Date and Time: 10-03-16

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: BG Date and Time: 10/3/16

FACILITY

Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: (732) 541-8909 Fax: (732) 541-8105

Ticket: 700000491929

	Date	Time	Scale
In:	10/3/2016	11:26:42	Scale CI
Out:	10/3/2016	11:27:07	P.T.

******** Reprinted Ticket ********

	Lbs	Tns
Gross:	89420	44.71
Tare:	27300	13.65
Net:	62120	31.06

Manifest: 907144
Vehicle ID: 07URIEL6
Vehicle Permit:
Customer: SPEEDWAY, INC

Facility Approval#: 163071319
Job Name: Speedway LLC-Speedway #7825 I
Job Address: 122 W. 145th Street
New York, NY 10039

Generator: Speedway LLC
Gen Address: 500 Speedway Drive
Enon, OH 45323

Origin	Materials & Services	Quantity	Unit
New York	Soil Treatment Type II	31.06	Tns

Contaminate Type: 2 Oil
Treatment Type: Bio
Fac Waste Code: Petroleum Contaminated Soil
Storage Area: Not Applicable
Comment:

Driver: _____

Facility: _____
Gibson, Barry

CLEANEARTH

Manifest # 907144

GLOBAL JOB NUMBER: 141933 **FACILITY APPROVAL NUMBER:** 163071319

Please Check One:

☒ Clean Earth of Carteret
24 Middlesex Avenue
Carteret, NJ 07008
Ph: 732-541-8909

☐ Clean Earth of Maryland
1469 Oak Ridge Place
Hagerstown, MD 21740
Ph: 301-791-6220

☐ Clean Earth of New Castle
94 Pyles Lane
New Castle, DE 19720
Ph: 302-427-6633

☐ Clean Earth of Greater Washington
6250 Dower House Road
Upper Marlboro, MD 20772
Ph: 301-599-0939

☐ Clean Earth of Philadelphia
3201 S. 61st Street
Philadelphia, PA 19153
Ph: 215-724-5520

☐ Clean Earth of North Jersey
115 Jacobus Avenue
Kearny, NJ 07032
Ph: 973-344-4004

☐ Clean Earth of Southeast Pennsylvania
7 Steel Road East
Morrisville, PA 19067
Ph: 215-428-1700

☐ Other _____

Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: Speedway LLC-Speedway #7825 Lenox 122 W. 145th Street New York, NY 10039	GROSS WEIGHT: ☒ Tons ☐ Yards
	TARE WEIGHT: ☒ Tons ☐ Yards
GENERATOR'S PHONE: 732-738-2924	NET WEIGHT: ☒ Tons ☐ Yards

DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION
Non-haz contaminated soil

GENERATOR'S CERTIFICATION – Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Crystal Bakewicz as agent of Speedway Title: Staff Scientist

Signature: Crystal Bakewicz Date and Time: 10/3/16 1015

TRANSPORTER

Company: VRIEL Phone Number:

Address: Truck # and License Plate: AT 259F #06

Driver: Diego Arellano SW Haulers Permit #:
(Type or Print Clearly) (applicable state permit #)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: Date and Time: 10/3/16

DESTINATION

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: Date and Time:

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: Date and Time: 10/3/16

FACILITY