

October 29, 2012

Mayor Andrew Halverson
City of Stevens Point
1515 Strongs Avenue
Stevens Point, WI 54481

Subject: Results of Phase II Environmental Sampling Investigation
Parcel 020-23-0801-02.06
East Park Commerce Center
County HH
Portage County, Wisconsin
AECOM Project No. 60278456

Dear Mayor Halverson:

This Phase II Environmental Sampling Investigation (Phase II) letter report presents the results of an investigation of soil staining observed during a Phase I Environmental Site Assessment (Phase I ESA) on the East Park Commerce Center Property (subject property) located at County Trunk Highway (County) HH, in Portage County, Wisconsin. The work was authorized by AECOM Technical Services, Inc's. (AECOM) receipt of a signed agreement from the City of Stevens Point dated October 5, 2012.

BACKGROUND INFORMATION

AECOM was retained by the City of Stevens Point to perform environmental investigations on the subject property, comprised of approximately 762 acres of agricultural cropland and forestland located north of County HH, east of County R, and west of Burbank Street in the Towns of Hull, Stockton, and Plover, Portage County, Wisconsin. The subject property was recently annexed by the City of Stevens Point for future development as a light industrial park referred to as the East Park Commerce Center. The subject property is comprised of 26 parcels and owned by five separate property owners. A site location map is provided as Figure 1.

AECOM performed a Phase I ESA, dated October 2012, on the subject property to determine if there were recognized environmental conditions (RECs), including historical RECs (HRECs) and *de minimis* conditions. No RECs or HRECs were identified in connection with the subject property, with the exception of soil staining observed below a diesel aboveground storage tank (AST) and associated irrigation well pump located on the northwestern portion of the subject property (Parcel 020-23-0801-02.06).

FIELD INVESTIGATION

On October 9, 2012, AECOM personnel mobilized to the site and observed a diesel engine that powered an irrigation pump and an AST that contained diesel fuel on the east edge of the parcel. Figure 2 indicates the approximate location of the engine and the AST. Severe black soil staining was observed beneath the engine, which was mounted on wooden blocking. A photograph log is enclosed.

One soil sample was collected from the west end of the AST (Diesel-East), in the vicinity of the fuel supply filter and one sample was collected from beneath the diesel engine (Engine-West), in an area of severe soil staining. Both soil samples were collected by hand from approximately 0.5 to 1.0 feet below ground surface (bgs).

LABORATORY ANALYTICAL PARAMETERS AND RESULTS

The soil samples were laboratory analyzed by Pace Analytical Services, Inc. (Pace) for Diesel Range Organics (DRO), Petroleum Volatile Organic Compounds (PVOCs), and Polycyclic Aromatic Hydrocarbons (PAHs).

DRO was detected in the Diesel-East and Engine-West soil samples at concentrations of 6,120 milligrams per kilogram (mg/kg) and 35,200 mg/kg, respectively. The Wisconsin Administrative Code (WAC), Chapter NR 720, residual contaminant level (RCL) for DRO is 100 mg/kg. PVOCs were not detected in either soil sample.

PAHs were detected in the Diesel-East and Engine-West soil samples at concentrations exceeding the Generic Soil Cleanup Levels for PAHs as listed in the Wisconsin Department of Natural Resources (WDNR) "Soil Cleanup Levels for PAHs Interim Guidance", April 1997. PAH Generic RCL exceedences for benzo(a)pyrene and indeno(1,2,3-cd)pyrene were detected in the Diesel-East sample and exceedences for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, dibenz(a,h)anthracene, and indeno(1,2,3cd)pyrene were detected in the Engine-West soil sample. Laboratory analytical results and PAH Generic RCLs are summarized in Table 1. The Pace laboratory analytical reports are enclosed.

CONCLUSIONS AND RECOMMENDATIONS

Laboratory analytical results of soil samples collected during the Phase II investigation indicate that NR 720 exceedences for DRO and Generic RCL exceedences for PAHs were detected in the immediate vicinity of the irrigation pump engine and diesel fuel AST, located on the east edge of Parcel 020-23-0801-02.06 within the subject property.

AECOM recommends that the City of Stevens Point and/or the current property owner notify WDNR of a petroleum release using the Notification for Hazardous Substance Discharge (Non-Emergency Only) form (Form 440-225 (05/12), in accordance Wisconsin Statutes s. 292.11 (Spills Law). A copy of the Notification form is enclosed.

AECOM appreciates the opportunity to serve the City of Stevens Point on this project. If you have any questions regarding this report, please call us at (715) 341-8110.

Sincerely,



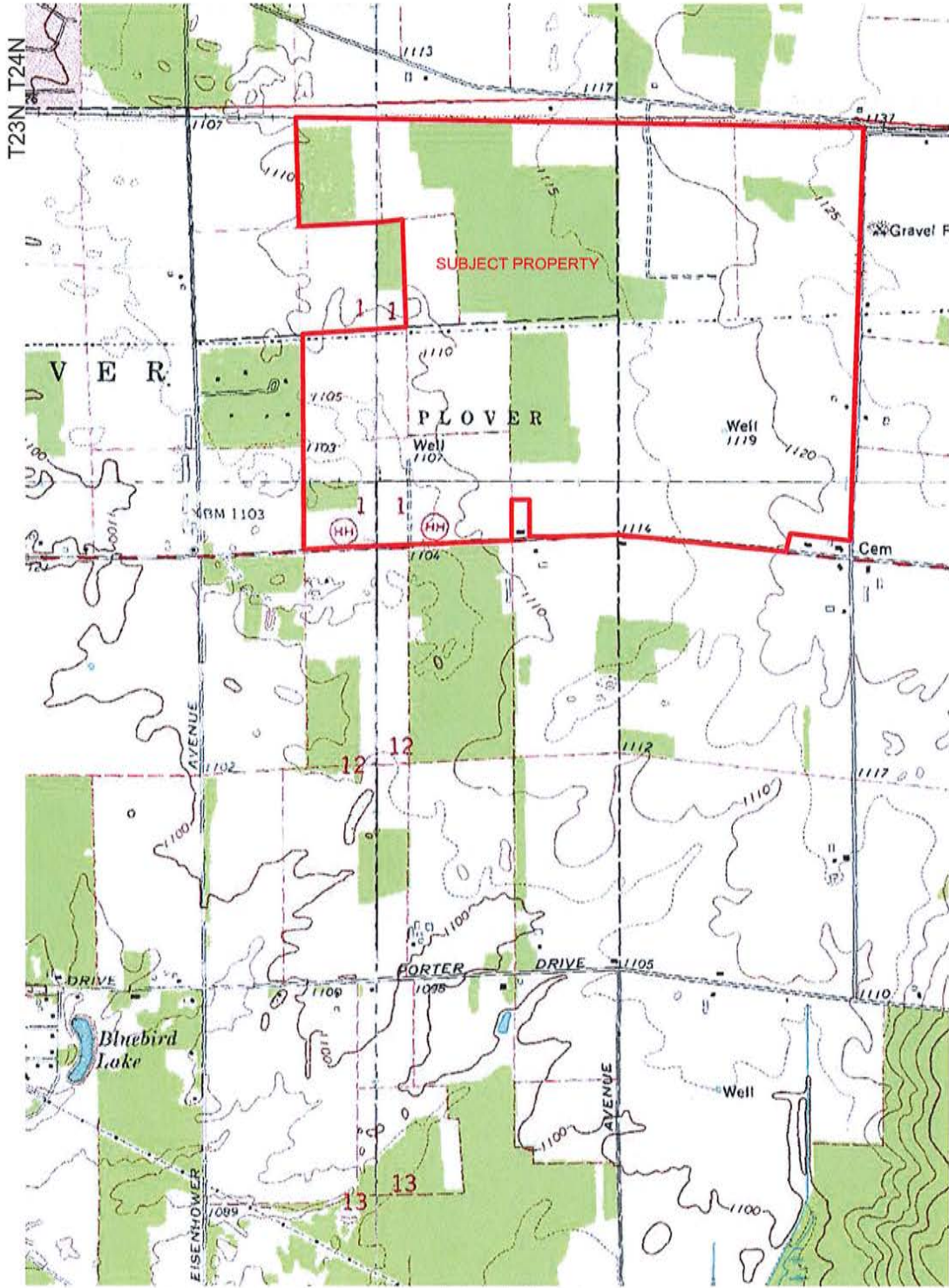
Phil Eagan
Hydrogeologist



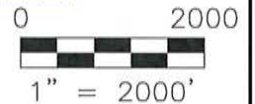
Kyle W. Wagoner, P.G., CHMM
Project Manager

Enclosures: As Noted

R08E R09E



MAP SOURCE: STEVENS POINT, WI (1970), POLONIA, WI (1986), WHITING, WI (1976), AND ARNOTT, WI (1969) USGS TOPO QUADRANGLES.



P:\60278456\000_CAD\60278456-Fig_1.dwg; 10/24/2012 1:44:30 PM; ARMITAGE, DALE; STS.sib



200 Indiana Avenue
Stevens Point, WI 54481
715.341.8110
www.aecom.com
Copyright © 2010, By: AECOM USA, Inc.

**SUBJECT PROPERTY LOCATION MAP
EAST PARK COMMERCE CENTER**

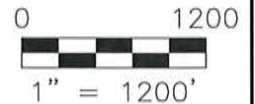
**COUNTY TRUNK HIGHWAY HH
STEVENS POINT, WISCONSIN**

| | |
|----------------|-----------------|
| Drawn : | DMA |
| Checked: | ECS |
| Approved: | KWW |
| PROJECT NUMBER | 60278456 |
| FIGURE NUMBER | 1 |

P:\60278456\000_CAD\660278456--Fig_2.dwg: 10/30/2012 8:49:48 AM: ARMITAGE, DALE: STS.stb



SOURCE MAP: PORTAGE COUNTY 2010 AERIAL PHOTO



200 Indiana Avenue
 Stevens Point, WI 54481
 715.341.8110
 www.aecom.com
 Copyright © 2010, By: AECOM USA, Inc.

PHASE II ENVIRONMENTAL SAMPLING INVESTIGATION
 EAST PARK COMMERCE CENTER

COUNTY TRUNK HIGHWAY HH
 STEVENS POINT, WISCONSIN

| | |
|----------------|----------|
| Drawn : | DMA |
| Checked: | ECS |
| Approved: | KWW |
| PROJECT NUMBER | 60278456 |
| FIGURE NUMBER | 2 |

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
PHASE II ENVIRONMENTAL SAMPLING INVESTIGATION
PARCEL 020-23-0801-02.06
EAST PARK COMMERCE CENTER
COUNTY TRUNK HIGHWAY HH
PORTAGE COUNTY, WISCONSIN

| Analyte | GUIDANCE RCL ¹ | GUIDANCE RCL ² | Soil Sample: | |
|------------------------|------------------------------|------------------------------|-------------------|-------------------------|
| | | | Diesel-East | Engine-West |
| | | | 0.5-1.0 | 0.5-1.0 |
| | | | 10/9/2012 | 10/9/2012 |
| | | | NA | NA |
| DRO (mg/kg) | 100** | | 6,120 | 35,200 |
| PVOCs (µg/kg) | | | Not Detected | |
| PAHs (µg/kg) | | | | |
| Acenaphthylene | 18,000 | 700 | 155 | 1,150 |
| Anthracene | 5,000,000 | 3,000,000 | 1,190 | 3,620 |
| Benzo(a)anthracene | 88 | 17,000 | 53.5 ^J | 2,940 |
| Benzo(a)pyrene | 8.8 | 48,000 | <46.5 | 3,560 |
| Benzo(b)fluoranthene | 88 | 360,000 | 71.7 ^J | 5,710 |
| Benzo(g,h,i)perylene | 1,800 | 6,800,000 | 100 | 1,800 |
| Benzo(k)fluoranthene | 880 | 870,000 | 48.7 ^J | 7,890 |
| Chrysene | 8,800 | 37,000 | 196 | 6,380 |
| Dibenz(a,h)anthracene | 8.8 | 3,800 | <46.5 | 917 ^J |
| Fluoranthene | 600,000 | 500,000 | <46.5 | 10,200 |
| Indeno(1,2,3-cd)pyrene | 88 | 680,000 | 98.4 | 2,060 |
| 2-Methylnaphthalene | 600,000 | 20,000 | 27.4 ^J | <87.7 |
| Phenanthrene | 18,000 | 1,800 | 70.8 ^J | 953 |
| Pyrene | 500,000 | 8,700,000 | 142 | 23,800 |

Notes:

Guidance RCL ¹ refers to applicable "Residual Contaminant Level" for the Direct Contact Pathway at Non-industrial Sites, as listed in WDNR's Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs), Interim Guidance, April 1997.

Guidance RCL ² refers to applicable "Residual Contaminant Level" for the Groundwater Pathway, as listed in WDNR's Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs), Interim Guidance, April 1997.

NA means not analyzed.

Bold type indicates Guidance RCL ¹ exceedence.

^J means "Estimated concentration below laboratory quantitation level."

** means Generic RCL as listed in NR 720.09 (4) (a) 1, Wisconsin Administrative Code.

* means RCL as listed in NR 720, Wisconsin Administrative Code, Table 2, "Based on Human Health Risk From Direct Contact Related to Land Use at Non-industrial Sites".

PHOTOGRAPH LOG

| | | | |
|---|-------------------------|--|---------------------------------|
| Client Name: City of Stevens Point | | Site Location: East Park Commerce Center, County HH Portage County, Wisconsin | Project No.: 60278456 |
| Photo No.: 1 | Date: 10/9/12 |  | |
| Direction Photo Taken: South | | | |
| Description: View of AST (left), irrigation pump (foreground), and engine (background). | | | |

| | | |
|--|-------------------------|--|
| Photo No.: 2 | Date: 10/9/12 |  |
| Direction Photo Taken: South | | |
| Description: View of AST and fuel return line (arrow). | | |

PHOTOGRAPH LOG

| | | | |
|---|-------------------------|--|---------------------------------|
| Client Name: City of Stevens Point | | Site Location: East Park Commerce Center, County HH Portage County, Wisconsin | Project No.: 60278456 |
| Photo No.: 3 | Date: 10/9/12 |  | |
| Direction Photo Taken: Southwest | | | |
| Description: View of east side of the engine (note staining). | | | |

| | | |
|--|-------------------------|--|
| Photo No.: 4 | Date: 10/9/12 |  |
| Direction Photo Taken: Northeast | | |
| Description: View of west side of the engine, note stained vegetation (arrow). | | |

PHOTOGRAPH LOG

| | | | |
|--|-------------------------|--|---------------------------------|
| Client Name: City of Stevens Point | | Site Location: East Park Commerce Center, County HH Portage County, Wisconsin | Project No.: 60278456 |
| Photo No.: 5 | Date: 10/9/12 |  | |
| Direction Photo Taken: Down | | | |
| Description: View of the Diesel-East soil sample location (arrow). The AST is to the right and the engine is to the left. Photo shows fuel supply line and filter. | | | |

| | | |
|--|-------------------------|--|
| Photo No.: 6 | Date: 10/9/12 |  |
| Direction Photo Taken: Northeast | | |
| Description: View of the Engine-West soil sample location (arrow). | | |

October 18, 2012

KYLE WAGONER
AECOM, Inc. - STEVENS POINT
200 INDIANA AVE
Stevens Point, WI 54481


RE: Project: 60278456 EAST PARK
Pace Project No.: 4068674

Dear KYLE WAGONER:

Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI 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,



Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334

New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

REPORT OF LABORATORY ANALYSIS

Page 2 of 18

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

SAMPLE SUMMARY

Project: 60278456 EAST PARK
Pace Project No.: 4068674

| Lab ID | Sample ID | Matrix | Date Collected | Date Received |
|------------|----------------|--------|----------------|----------------|
| 4068674001 | DIESEL-EAST | Solid | 10/09/12 15:50 | 10/11/12 08:50 |
| 4068674002 | ENGINE-WEST | Solid | 10/09/12 16:00 | 10/11/12 08:50 |
| 4068674003 | METHANOL BLANK | Solid | 10/09/12 16:00 | 10/11/12 08:50 |

REPORT OF LABORATORY ANALYSIS

SAMPLE ANALYTE COUNT

Project: 60278456 EAST PARK
Pace Project No.: 4068674

| Lab ID | Sample ID | Method | Analysts | Analytes Reported | Laboratory |
|------------|----------------|-----------------|----------|-------------------|------------|
| 4068674001 | DIESEL-EAST | WI MOD DRO | DAL | 1 | PASI-G |
| | | WI MOD GRO | PMS | 9 | PASI-G |
| | | EPA 8270 by SIM | ARO | 20 | PASI-G |
| | | ASTM D2974-87 | SKW | 1 | PASI-G |
| 4068674002 | ENGINE-WEST | WI MOD DRO | DAL | 1 | PASI-G |
| | | WI MOD GRO | PMS | 9 | PASI-G |
| | | EPA 8270 by SIM | ARO | 20 | PASI-G |
| | | ASTM D2974-87 | SKW | 1 | PASI-G |
| 4068674003 | METHANOL BLANK | WI MOD GRO | PMS | 9 | PASI-G |

REPORT OF LABORATORY ANALYSIS

PROJECT NARRATIVE

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Method: WI MOD DRO
Description: WIDRO GCS
Client: AECOM, Inc. - STEVENS POINT
Date: October 18, 2012

General Information:

2 samples were analyzed for WI MOD DRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with WI MOD DRO with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Surrogates:

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

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Additional Comments:

Analyte Comments:

QC Batch: OEXT/16512

T4: Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.

- ENGINE-WEST (Lab ID: 4068674002)
- Diesel Range Organics

REPORT OF LABORATORY ANALYSIS

PROJECT NARRATIVE

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Method: WI MOD GRO
Description: WIGRO GCV
Client: AECOM, Inc. - STEVENS POINT
Date: October 18, 2012

General Information:

3 samples were analyzed for WI MOD GRO. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with TPH GRO/PVOC WI ext. with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

Additional Comments:

REPORT OF LABORATORY ANALYSIS

PROJECT NARRATIVE

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Method: EPA 8270 by SIM
Description: 8270 MSSV PAH by SIM
Client: AECOM, Inc. - STEVENS POINT
Date: October 18, 2012

General Information:

2 samples were analyzed for EPA 8270 by SIM. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:

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

Sample Preparation:

The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):

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

Continuing Calibration:

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

Internal Standards:

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

Surrogates:

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

QC Batch: OEXT/16490

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- ENGINE-WEST (Lab ID: 4068674002)
 - 2-Fluorobiphenyl (S)
 - Terphenyl-d14 (S)

Method Blank:

All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

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

QC Batch: OEXT/16490

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4068633007

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- MSD (Lab ID: 693018)
 - 2-Methylnaphthalene
 - Acenaphthylene
 - Anthracene
 - Benzo(a)anthracene

REPORT OF LABORATORY ANALYSIS

PROJECT NARRATIVE

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Method: EPA 8270 by SIM
Description: 8270 MSSV PAH by SIM
Client: AECOM, Inc. - STEVENS POINT
Date: October 18, 2012

QC Batch: OEXT/16490

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 4068633007

D6: The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(g,h,i)perylene
- Chrysene
- Fluoranthene
- Indeno(1,2,3-cd)pyrene
- Naphthalene
- Phenanthrene
- Pyrene

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MSD (Lab ID: 693018)
 - 1-Methylnaphthalene
 - 2-Methylnaphthalene
 - Benzo(a)anthracene
 - Benzo(a)pyrene
 - Benzo(b)fluoranthene
 - Chrysene
 - Fluoranthene
 - Naphthalene
 - Phenanthrene
 - Pyrene

Additional Comments:

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

REPORT OF LABORATORY ANALYSIS

Page 8 of 18

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

ANALYTICAL RESULTS

Project: 60278456 EAST PARK

Pace Project No.: 4068674

Sample: DIESEL-EAST **Lab ID: 4068674001** Collected: 10/09/12 15:50 Received: 10/11/12 08:50 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|---|--------------|-------|--------|------|----|----------------|----------------|-------------|------|
| WIDRO GCS | | | | | | | | | |
| Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO | | | | | | | | | |
| Diesel Range Organics | 6120 | mg/kg | 202 | 100 | 50 | 10/15/12 12:00 | 10/16/12 13:26 | | |
| WIGRO GCV | | | | | | | | | |
| Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 71-43-2 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 100-41-4 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 1634-04-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 108-88-3 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 108-67-8 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| a,a,a-Trifluorotoluene (S) | 102 % | | 80-120 | | 1 | 10/12/12 08:44 | 10/12/12 16:47 | 98-08-8 | |
| 8270 MSSV PAH by SIM | | | | | | | | | |
| Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <46.5 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 83-32-9 | |
| Acenaphthylene | 155 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 208-96-8 | |
| Anthracene | 1190 | ug/kg | 93.1 | 9.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 120-12-7 | |
| Benzo(a)anthracene | 53.5J | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 56-55-3 | |
| Benzo(a)pyrene | <46.5 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 50-32-8 | |
| Benzo(b)fluoranthene | 71.7J | ug/kg | 93.1 | 13.4 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 205-99-2 | |
| Benzo(g,h,i)perylene | 100 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 191-24-2 | |
| Benzo(k)fluoranthene | 48.7J | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 207-08-9 | |
| Chrysene | 196 | ug/kg | 93.1 | 10.6 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 218-01-9 | |
| Dibenz(a,h)anthracene | <46.5 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 53-70-3 | |
| Fluoranthene | <46.5 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 206-44-0 | |
| Fluorene | <46.5 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 98.4 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 193-39-5 | |
| 1-Methylnaphthalene | <42.5 | ug/kg | 93.1 | 42.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 90-12-0 | |
| 2-Methylnaphthalene | 27.4J | ug/kg | 93.1 | 8.7 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 91-57-6 | |
| Naphthalene | <17.5 | ug/kg | 93.1 | 17.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 91-20-3 | |
| Phenanthrene | 70.8J | ug/kg | 93.1 | 11.9 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 85-01-8 | |
| Pyrene | 142 | ug/kg | 93.1 | 46.5 | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 87 % | | 43-130 | | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 321-60-8 | |
| Terphenyl-d14 (S) | 79 % | | 32-130 | | 5 | 10/13/12 07:47 | 10/17/12 07:05 | 1718-51-0 | |
| Percent Moisture | | | | | | | | | |
| Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 10.5 | % | 0.10 | 0.10 | 1 | | 10/17/12 15:08 | | |

ANALYTICAL RESULTS

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Sample: ENGINE-WEST **Lab ID: 4068674002** Collected: 10/09/12 16:00 Received: 10/11/12 08:50 Matrix: Solid

Results reported on a "dry-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|-----|----------------|----------------|-------------|------|
| WIDRO GCS Analytical Method: WI MOD DRO Preparation Method: WI MOD DRO | | | | | | | | | |
| Diesel Range Organics | 35200 | mg/kg | 1810 | 900 | 100 | 10/15/12 12:00 | 10/16/12 14:12 | | T4 |
| WIGRO GCV Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 71-43-2 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 100-41-4 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 1634-04-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 108-88-3 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 108-67-8 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| a,a,a-Trifluorotoluene (S) | 101 | % | 80-120 | | 1 | 10/12/12 08:44 | 10/12/12 15:55 | 98-08-8 | |
| 8270 MSSV PAH by SIM Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546 | | | | | | | | | |
| Acenaphthene | <467 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 83-32-9 | |
| Acenaphthylene | 1150 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 208-96-8 | |
| Anthracene | 3620 | ug/kg | 935 | 95.7 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 120-12-7 | |
| Benzo(a)anthracene | 2940 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 56-55-3 | |
| Benzo(a)pyrene | 3560 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 50-32-8 | |
| Benzo(b)fluoranthene | 5710 | ug/kg | 935 | 135 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 205-99-2 | |
| Benzo(g,h,i)perylene | 1800 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 191-24-2 | |
| Benzo(k)fluoranthene | 7890 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 207-08-9 | |
| Chrysene | 6380 | ug/kg | 935 | 106 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 218-01-9 | |
| Dibenz(a,h)anthracene | 917J | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 53-70-3 | |
| Fluoranthene | 10200 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 206-44-0 | |
| Fluorene | <467 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 86-73-7 | |
| Indeno(1,2,3-cd)pyrene | 2060 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 193-39-5 | |
| 1-Methylnaphthalene | <427 | ug/kg | 935 | 427 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 90-12-0 | |
| 2-Methylnaphthalene | <87.7 | ug/kg | 935 | 87.7 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 91-57-6 | |
| Naphthalene | <176 | ug/kg | 935 | 176 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 91-20-3 | |
| Phenanthrene | 953 | ug/kg | 935 | 119 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 85-01-8 | |
| Pyrene | 23800 | ug/kg | 935 | 467 | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 129-00-0 | |
| Surrogates | | | | | | | | | |
| 2-Fluorobiphenyl (S) | 0 | % | 43-130 | | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 321-60-8 | S4 |
| Terphenyl-d14 (S) | 0 | % | 32-130 | | 5 | 10/13/12 07:47 | 10/16/12 06:12 | 1718-51-0 | S4 |
| Percent Moisture Analytical Method: ASTM D2974-87 | | | | | | | | | |
| Percent Moisture | 10.9 | % | 0.10 | 0.10 | 1 | | 10/17/12 15:08 | | |

ANALYTICAL RESULTS

Project: 60278456 EAST PARK
Pace Project No.: 4068674

Sample: METHANOL BLANK Lab ID: 4068674003 Collected: 10/09/12 16:00 Received: 10/11/12 08:50 Matrix: Solid

Results reported on a "wet-weight" basis

| Parameters | Results | Units | LOQ | LOD | DF | Prepared | Analyzed | CAS No. | Qual |
|--|---------|-------|--------|------|----|----------------|----------------|-------------|------|
| WIGRO GCV | | | | | | | | | |
| Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext. | | | | | | | | | |
| Benzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 71-43-2 | W |
| Ethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 100-41-4 | W |
| Methyl-tert-butyl ether | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 1634-04-4 | W |
| Toluene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 108-88-3 | W |
| 1,2,4-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 95-63-6 | W |
| 1,3,5-Trimethylbenzene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 108-67-8 | W |
| m&p-Xylene | <50.0 | ug/kg | 120 | 50.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 179601-23-1 | W |
| o-Xylene | <25.0 | ug/kg | 60.0 | 25.0 | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 95-47-6 | W |
| Surrogates | | | | | | | | | |
| a,a,a-Trifluorotoluene (S) | 100 | % | 80-120 | | 1 | 10/12/12 08:44 | 10/12/12 18:55 | 98-08-8 | |

QUALITY CONTROL DATA

Project: 60278456 EAST PARK
Pace Project No.: 4068674

QC Batch: GCV/9154 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4068674001, 4068674002, 4068674003

METHOD BLANK: 691938 Matrix: Solid
Associated Lab Samples: 4068674001, 4068674002, 4068674003

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|----------------------------|-------|--------------|-----------------|----------------|------------|
| 1,2,4-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| 1,3,5-Trimethylbenzene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| Benzene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| Ethylbenzene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| m&p-Xylene | ug/kg | <50.0 | 120 | 10/12/12 10:46 | |
| Methyl-tert-butyl ether | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| o-Xylene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| Toluene | ug/kg | <25.0 | 60.0 | 10/12/12 10:46 | |
| a,a,a-Trifluorotoluene (S) | %. | 102 | 80-120 | 10/12/12 10:46 | |

LABORATORY CONTROL SAMPLE & LCSD: 691939

691940

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|----------------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| 1,2,4-Trimethylbenzene | ug/kg | 1000 | 993 | 939 | 99 | 94 | 80-120 | 6 | 20 | |
| 1,3,5-Trimethylbenzene | ug/kg | 1000 | 982 | 931 | 98 | 93 | 80-120 | 5 | 20 | |
| Benzene | ug/kg | 1000 | 1080 | 1060 | 108 | 106 | 80-120 | 2 | 20 | |
| Ethylbenzene | ug/kg | 1000 | 1040 | 991 | 104 | 99 | 80-120 | 4 | 20 | |
| m&p-Xylene | ug/kg | 2000 | 2060 | 1970 | 103 | 98 | 80-120 | 4 | 20 | |
| Methyl-tert-butyl ether | ug/kg | 1000 | 1080 | 999 | 108 | 100 | 80-120 | 8 | 20 | |
| o-Xylene | ug/kg | 1000 | 1020 | 979 | 102 | 98 | 80-120 | 4 | 20 | |
| Toluene | ug/kg | 1000 | 1050 | 998 | 105 | 100 | 80-120 | 5 | 20 | |
| a,a,a-Trifluorotoluene (S) | %. | | | | 103 | 100 | 80-120 | | | |

QUALITY CONTROL DATA

Project: 60278456 EAST PARK
Pace Project No.: 4068674

QC Batch: OEXT/16490 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4068674001, 4068674002

METHOD BLANK: 693015 Matrix: Solid
Associated Lab Samples: 4068674001, 4068674002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|------------------------|-------|--------------|-----------------|----------------|------------|
| 1-Methylnaphthalene | ug/kg | <7.6 | 16.7 | 10/13/12 12:33 | |
| 2-Methylnaphthalene | ug/kg | <1.6 | 16.7 | 10/13/12 12:33 | |
| Acenaphthene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Acenaphthylene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Anthracene | ug/kg | <1.7 | 16.7 | 10/13/12 12:33 | |
| Benzo(a)anthracene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Benzo(a)pyrene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Benzo(b)fluoranthene | ug/kg | <2.4 | 16.7 | 10/13/12 12:33 | |
| Benzo(g,h,i)perylene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Benzo(k)fluoranthene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Chrysene | ug/kg | <1.9 | 16.7 | 10/13/12 12:33 | |
| Dibenz(a,h)anthracene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Fluoranthene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Fluorene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| Naphthalene | ug/kg | <3.1 | 16.7 | 10/13/12 12:33 | |
| Phenanthrene | ug/kg | <2.1 | 16.7 | 10/13/12 12:33 | |
| Pyrene | ug/kg | <8.3 | 16.7 | 10/13/12 12:33 | |
| 2-Fluorobiphenyl (S) | % | 112 | 43-130 | 10/13/12 12:33 | |
| Terphenyl-d14 (S) | % | 115 | 32-130 | 10/13/12 12:33 | |

LABORATORY CONTROL SAMPLE: 693016

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| 1-Methylnaphthalene | ug/kg | 333 | 296 | 89 | 44-130 | |
| 2-Methylnaphthalene | ug/kg | 333 | 303 | 91 | 45-130 | |
| Acenaphthene | ug/kg | 333 | 286 | 86 | 51-130 | |
| Acenaphthylene | ug/kg | 333 | 296 | 89 | 53-130 | |
| Anthracene | ug/kg | 333 | 350 | 105 | 48-130 | |
| Benzo(a)anthracene | ug/kg | 333 | 329 | 99 | 55-130 | |
| Benzo(a)pyrene | ug/kg | 333 | 339 | 102 | 56-130 | |
| Benzo(b)fluoranthene | ug/kg | 333 | 309 | 93 | 53-130 | |
| Benzo(g,h,i)perylene | ug/kg | 333 | 362 | 109 | 58-130 | |
| Benzo(k)fluoranthene | ug/kg | 333 | 343 | 103 | 55-130 | |
| Chrysene | ug/kg | 333 | 323 | 97 | 59-130 | |
| Dibenz(a,h)anthracene | ug/kg | 333 | 362 | 109 | 56-130 | |
| Fluoranthene | ug/kg | 333 | 325 | 98 | 56-130 | |
| Fluorene | ug/kg | 333 | 292 | 88 | 54-130 | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 333 | 363 | 109 | 57-130 | |
| Naphthalene | ug/kg | 333 | 242 | 73 | 43-130 | |
| Phenanthrene | ug/kg | 333 | 341 | 102 | 56-130 | |

Date: 10/18/2012 03:40 PM

REPORT OF LABORATORY ANALYSIS

Page 13 of 18

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALITY CONTROL DATA

Project: 60278456 EAST PARK
Pace Project No.: 4068674

LABORATORY CONTROL SAMPLE: 693016

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|----------------------|-------|-------------|------------|-----------|--------------|------------|
| Pyrene | ug/kg | 333 | 332 | 100 | 54-130 | |
| 2-Fluorobiphenyl (S) | %. | | | 107 | 43-130 | |
| Terphenyl-d14 (S) | %. | | | 121 | 32-130 | |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 693017 693018

| Parameter | Units | 4068633007 | | MS | | MSD | | MS | | MSD | | % Rec Limits | Max | | Qual |
|------------------------|-------|------------|-------|-------------|-------|--------|--------|-------|-------|--------|-----|--------------|-------|--|------|
| | | Result | Conc. | Spike Conc. | Conc. | Result | Result | % Rec | % Rec | RPD | RPD | | | | |
| 1-Methylnaphthalene | ug/kg | 172 | 368 | 368 | 368 | 518 | 693 | 94 | 142 | 35-130 | 29 | 30 | M1 | | |
| 2-Methylnaphthalene | ug/kg | 236 | 368 | 368 | 368 | 593 | 874 | 97 | 173 | 39-130 | 38 | 33 | D6,M1 | | |
| Acenaphthene | ug/kg | <46.0 | 368 | 368 | 368 | 236 | 261 | 61 | 67 | 40-130 | 10 | 20 | | | |
| Acenaphthylene | ug/kg | <46.0 | 368 | 368 | 368 | 258 | 319 | 66 | 82 | 40-130 | 21 | 20 | D6 | | |
| Anthracene | ug/kg | 47.8J | 368 | 368 | 368 | 317 | 424 | 73 | 102 | 46-130 | 29 | 24 | D6 | | |
| Benzo(a)anthracene | ug/kg | 112 | 368 | 368 | 368 | 334 | 603 | 60 | 133 | 42-130 | 58 | 25 | D6,M1 | | |
| Benzo(a)pyrene | ug/kg | 109 | 368 | 368 | 368 | 335 | 630 | 61 | 141 | 40-130 | 61 | 31 | D6,M1 | | |
| Benzo(b)fluoranthene | ug/kg | 170 | 368 | 368 | 368 | 368 | 825 | 54 | 178 | 45-130 | 77 | 29 | D6,M1 | | |
| Benzo(g,h,i)perylene | ug/kg | 177 | 368 | 368 | 368 | 404 | 590 | 62 | 112 | 16-143 | 37 | 23 | D6 | | |
| Benzo(k)fluoranthene | ug/kg | 125 | 368 | 368 | 368 | 405 | 551 | 76 | 116 | 38-130 | 31 | 33 | | | |
| Chrysene | ug/kg | 168 | 368 | 368 | 368 | 400 | 752 | 63 | 159 | 38-130 | 61 | 31 | D6,M1 | | |
| Dibenz(a,h)anthracene | ug/kg | 47.1J | 368 | 368 | 368 | 296 | 364 | 68 | 86 | 30-135 | 20 | 23 | | | |
| Fluoranthene | ug/kg | 241 | 368 | 368 | 368 | 461 | 1170 | 60 | 252 | 42-133 | 87 | 28 | D6,M1 | | |
| Fluorene | ug/kg | <46.0 | 368 | 368 | 368 | 244 | 280 | 63 | 73 | 43-130 | 14 | 22 | | | |
| Indeno(1,2,3-cd)pyrene | ug/kg | 107 | 368 | 368 | 368 | 345 | 507 | 65 | 109 | 15-150 | 38 | 27 | D6 | | |
| Naphthalene | ug/kg | 169 | 368 | 368 | 368 | 482 | 836 | 85 | 181 | 24-130 | 54 | 33 | D6,M1 | | |
| Phenanthrene | ug/kg | 275 | 368 | 368 | 368 | 537 | 1130 | 71 | 232 | 27-135 | 71 | 27 | D6,M1 | | |
| Pyrene | ug/kg | 235 | 368 | 368 | 368 | 468 | 1150 | 64 | 249 | 36-130 | 84 | 23 | D6,M1 | | |
| 2-Fluorobiphenyl (S) | %. | | | | | | | 78 | 79 | 43-130 | | | | | |
| Terphenyl-d14 (S) | %. | | | | | | | 91 | 91 | 32-130 | | | | | |

QUALITY CONTROL DATA

Project: 60278456 EAST PARK
Pace Project No.: 4068674

QC Batch: OEXT/16512 Analysis Method: WI MOD DRO
QC Batch Method: WI MOD DRO Analysis Description: WIDRO GCS
Associated Lab Samples: 4068674001, 4068674002

METHOD BLANK: 693708 Matrix: Solid
Associated Lab Samples: 4068674001, 4068674002

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|-----------------------|-------|--------------|-----------------|----------------|------------|
| Diesel Range Organics | mg/kg | <0.99 | 2.0 | 10/16/12 11:24 | |

LABORATORY CONTROL SAMPLE & LCSD: 693709 693710

| Parameter | Units | Spike Conc. | LCS Result | LCSD Result | LCS % Rec | LCSD % Rec | % Rec Limits | RPD | Max RPD | Qualifiers |
|-----------------------|-------|-------------|------------|-------------|-----------|------------|--------------|-----|---------|------------|
| Diesel Range Organics | mg/kg | 40 | 36.3 | 32.7 | 91 | 82 | 70-120 | 10 | 20 | |

QUALITY CONTROL DATA

Project: 60278456 EAST PARK
Pace Project No.: 4068674

QC Batch: PMST/7739 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4068674001, 4068674002

SAMPLE DUPLICATE: 695392

| Parameter | Units | 4069010001 Result | Dup Result | RPD | Max RPD | Qualifiers |
|------------------|-------|----------------------|---------------|-----|------------|------------|
| Percent Moisture | % | 4.5 | 4.5 | 1 | 10 | |

QUALIFIERS

Project: 60278456 EAST PARK
Pace Project No.: 4068674

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

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.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

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-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/5051

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

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) 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.

T4 Result reported for hydrocarbons within the method-specific range that do not match pattern of laboratory standard.

W Non-detect results are reported on a wet weight basis.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60278456 EAST PARK

Pace Project No.: 4068674

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|------------|----------------|----------------------|------------|-------------------|------------------|
| 4068674001 | DIESEL-EAST | WI MOD DRO | OEXT/16512 | WI MOD DRO | GCSV/8560 |
| 4068674002 | ENGINE-WEST | WI MOD DRO | OEXT/16512 | WI MOD DRO | GCSV/8560 |
| 4068674001 | DIESEL-EAST | TPH GRO/PVOC WI ext. | GCV/9154 | WI MOD GRO | GCV/9157 |
| 4068674002 | ENGINE-WEST | TPH GRO/PVOC WI ext. | GCV/9154 | WI MOD GRO | GCV/9157 |
| 4068674003 | METHANOL BLANK | TPH GRO/PVOC WI ext. | GCV/9154 | WI MOD GRO | GCV/9157 |
| 4068674001 | DIESEL-EAST | EPA 3546 | OEXT/16490 | EPA 8270 by SIM | MSSV/5051 |
| 4068674002 | ENGINE-WEST | EPA 3546 | OEXT/16490 | EPA 8270 by SIM | MSSV/5051 |
| 4068674001 | DIESEL-EAST | ASTM D2974-87 | PMST/7739 | | |
| 4068674002 | ENGINE-WEST | ASTM D2974-87 | PMST/7739 | | |



CHAIN OF CUSTODY

Preservation Codes
 A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
 H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name: **AECOM**

Branch/Location: **STEVENS POINT**

Project Contact: **KYLE WAGONER**

Phone: **715-342-3038**

Project Number: **60278456**

Project Name: **EAST PARK**

Project State: **WI**

Sampled By (Print): **Phil Egan**

Sampled By (Sign): *Phil Egan*

PO #: **Regulatory Program:**

Data Package Options (billable)

EPA Level III

EPA Level IV

On your sample (billable)

NOT needed on your sample

Matrix Codes

W = Water
 DW = Drinking Water
 GW = Ground Water
 SW = Surface Water
 WW = Waste Water
 WP = Waste

| PACE LAB # | CLIENT FIELD ID | COLLECTION | | MATRIX |
|------------|-----------------|------------|-------|--------|
| | | DATE | TIME | |
| 001 | DIESEL-EAST | 10/11/12 | 15:50 | S |
| 002 | ENGINE-WEST | ↓ | 16:00 | S |
| 003 | METANOL BLANK | | | |

Rush Turnaround Time Requested - Prelims
 (Rush TAT subject to approval/surcharge)
 Date Needed: 10/19/12

Transmit Prelim Rush Results by (complete what you want):

Email #1: **kyle.wagoner@pace.com**

Email #2: **eric.schwartz@pace.com**

Telephone:

Fax:

Samples on HOLD are subject to special pricing and release of liability

Quote #:

Mail To Contact: **KYLE WAGONER**

Mail To Company: **AECOM**

Mail To Address: **200 INDIANA AVE
 STEVENS POINT, WI 54681**

Invoice To Contact:

Invoice To Company:

Invoice To Address:

Invoice To Phone:

CLIENT COMMENTS

LAB COMMENTS (Lab Use Only)

Profile #

1-40ml F 1-4oz P 1-4oz Ag 1-4oz H₂O

| Y/N | Pick Letter | Filtered? | Preservation Code | Matrix | Relinquished By | Date/Time | Received By | Date/Time |
|-----|-------------|-----------|-------------------|--------|--------------------|---------------|--------------------|---------------|
| N | F | | A | PCSS | <i>[Signature]</i> | 10/11/12 0850 | <i>[Signature]</i> | 10/11/12 0850 |
| N | A | | A | PAHs | | | | |
| N | N | | N | | | | | |
| N | N | | N | | | | | |

Relinquished By: *[Signature]* Date/Time: 10/11/12 13:00

Relinquished By: **Dunham** Date/Time: 10/11/12 0850

Relinquished By: Date/Time:

Relinquished By: Date/Time:

Relinquished By: Date/Time:

PACE Project No. **4068674**

Receipt Temp = **20.1 °C**

Sample Receipt pH **OK / Adjusted**

Cooler Custody Seal **Present / Not Present**

Intact / Not Intact **Intact / Not Intact**

Notification For Hazardous Substance Discharge (Non-Emergency Only)

Emergency Discharges / Spills should be reported via the 24-Hour Hotline: 1-800-943-0003

Notice: Hazardous substance discharges must be reported immediately according to s. 292.11 Wis. Stats. Non-emergency hazardous substance discharges may be reported by telefaxing or e-mailing a completed report to the Department, or calling or visiting a Department office in person. If you choose to notify the Department by telefax or by email, you should use this form to be sure that all necessary information is included. However, use of this form is not mandatory. Under s. 292.99, Wis. Stats., the penalty for violating the reporting requirements of ch. 292 Wis. Stats., shall be no less than \$10 nor more than \$5000 for each violation. Each day of continued violation is a separate offense. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than program administration. However, information submitted on this form may also be made available to requesters under Wisconsin's Open Records Law (ss. 19.31 – 19.39, Wis. Stats.).

Confirmatory laboratory data should be included with this form, to assist the DNR in processing this Hazardous Substance Release Notification.

Complete this form. **TYPE or PRINT LEGIBLY.** NOTIFY appropriate DNR region (see next page) **IMMEDIATELY** upon discovery of a potential release from (**check one**):

- Underground Petroleum Storage Tank System (additional information may be required for Item 6 below)
- Aboveground Petroleum Storage Tank System
- Dry Cleaner Facility
- Other - Describe: _____

ATTN DNR: **R & R Program Associate**

Date DNR Notified: _____

1. Discharge Reported By

| | | |
|-----------------|------|-------------------------------|
| Name | Firm | Phone No. (include area code) |
| Mailing Address | | Email Address |

2. Site Information

Name of site at which discharge occurred. Include local name of site/business, not responsible party name, unless a residence/vacant property.

Location: Include street address, not PO Box. If no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60.

Municipality: (City, Village, Township) Specify municipality in which the site is located, not mailing address/city.

| | | |
|---------|--|-------------------------|
| County: | Legal Description: _____ 1/4 _____ 1/4 Sec _____ Tn _____ Range _____ <input type="radio"/> E <input type="radio"/> W | WTM: X _____ Y _____ |
|---------|--|-------------------------|

3. Responsible Party (RP) and/or RP Representative

Responsible Party Name: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

- Reported in compliance with s. 292.11(2), Wis. Stats., by a local government exempt from liability under s. 292.11(9)(e), Wis. Stats.
- For more information see <http://dnr.wi.gov/org/aw/rr/lgu/liability.htm>.

| | | | |
|------------------------------------|--------------|---------------|----------|
| Contact Person Name (if different) | Phone Number | Email Address | |
| Mailing Address | City | State | ZIP Code |

Property owner if Different From RP: Business or owner name that is responsible for cleanup. If more than one, list all. Attach additional pages as necessary.

| | | | |
|------------------------------------|--------------|---------------|----------|
| Contact Person Name (if different) | Phone Number | Email Address | |
| Mailing Address | City | State | ZIP Code |

4. Hazardous Substance Information

Identify hazardous substance discharged (check all that apply):

- | | | |
|--|---|---|
| <input type="checkbox"/> VOC's | <input type="checkbox"/> Diesel | <input type="checkbox"/> PERC (Dry Cleaners) |
| <input type="checkbox"/> PAH's | <input type="checkbox"/> Fuel Oil | <input type="checkbox"/> RCRA Hazardous Waste |
| <input type="checkbox"/> Metals (specify): _____ | <input type="checkbox"/> Gasoline | <input type="checkbox"/> Leachate |
| <input type="checkbox"/> Arsenic | <input type="checkbox"/> Hydraulic Oil | <input type="checkbox"/> Fertilizer |
| <input type="checkbox"/> Chromium | <input type="checkbox"/> Jet Fuel | <input type="checkbox"/> Pesticide/Herbicide/Insecticide(s) |
| <input type="checkbox"/> Cyanide | <input type="checkbox"/> Mineral Oil | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Lead | <input type="checkbox"/> Waste Oil | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> PCB's | <input type="checkbox"/> Petroleum-Unknown Type | |

5. Impacts to the Environment Information

Enter "K" for known/confirmed or "P" for potential for all that apply.

- | | | |
|---|--|--|
| <input type="checkbox"/> Air Contamination | <input type="checkbox"/> Sanitary Sewer Contamination | <input type="checkbox"/> Soil Contamination |
| <input type="checkbox"/> Co-Contamination (Petroleum & Non-Petroleum) | <input type="checkbox"/> Contamination in Right of Way | <input type="checkbox"/> Storm Sewer Contamination |
| <input type="checkbox"/> Contamination Within 1 Meter of Bedrock | <input type="checkbox"/> Fire Explosion Threat | <input type="checkbox"/> Surface Water Contamination |
| <input type="checkbox"/> Contaminated Private Well | <input type="checkbox"/> Free Product | <input type="checkbox"/> Within 100 ft of Private Well |
| <input type="checkbox"/> Contaminated Public Well | <input type="checkbox"/> Groundwater Contamination | <input type="checkbox"/> Within 1000 ft of Public Well |
| <input type="checkbox"/> Contamination in Fractured Bedrock | <input type="checkbox"/> Off-Site Contamination | |
| | <input type="checkbox"/> Other (specify): _____ | |

Contamination was discovered as a result of:

- | | | |
|--|--|--|
| <input type="checkbox"/> Tank closure assessment | <input type="checkbox"/> Site assessment | <input type="checkbox"/> Other - Describe: _____ |
| Date <input type="text"/> | Date <input type="text"/> | Date <input type="text"/> |

Lab results: Lab results will be faxed upon receipt Lab results are attached

Additional Comments: Include a brief description of immediate actions taken to halt the release and contain or cleanup hazardous substances that have been discharged.

6. Federal Energy Act Requirements (Section 9002(d) of the Solid Waste Disposal Act (SWDA))

For all confirmed releases from UST's occurring after 9/30/2007 please provide the following information:

- | <u>Source</u> | <u>Cause</u> |
|---|--|
| <input type="checkbox"/> Tank | <input type="checkbox"/> Spill |
| <input type="checkbox"/> Piping | <input type="checkbox"/> Overfill |
| <input type="checkbox"/> Dispenser | <input type="checkbox"/> Corrosion |
| <input type="checkbox"/> Submersible Turbine Pump | <input type="checkbox"/> Physical or Mechanical Damage |
| <input type="checkbox"/> Delivery Problem | <input type="checkbox"/> Installation Problem |
| <input type="checkbox"/> Other (specify): _____ | <input type="checkbox"/> Other (does not fit any of above) |
| | <input type="checkbox"/> Unknown |

Contact information to report non-emergency releases in DNR's five regions are as follows:

Northeast Region (FAX: 920-662-5197); Attention -- R&R Program Associate: DNRRRNER@wisconsin.gov

Brown, Calumet, Door, Fond du Lac (except City of Waupun - see South Central Region), Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Sheboygan, Waupaca, Waushara, Winnebago counties

Northern Region (FAX: 715-623-6773); Attention -- R&R Program Associate: DNRRRNOR@wisconsin.gov

Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn counties

South Central Region (FAX: 608-273-5610); Attention -- R&R Program Associate: DNRRRSCR@wisconsin.gov

Columbia, Dane, Dodge, Fond du Lac (City of Waupun only), Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk, Walworth counties

Southeast Region (FAX: 414-263-8550); Attention -- R&R Program Associate: DNRRRSER@wisconsin.gov

Kenosha, Milwaukee, Ozaukee, Racine, Washington, Waukesha counties

West Central Region (FAX: 715-839-6076); Attention -- R&R Program Associate: DNRRRWCR@wisconsin.gov

Adams, Buffalo, Chippewa, Clark, Crawford, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood counties