Expedited Investigation and Interim Remedy Evaluation
For
Eden Road Relocation
(West Parking Lot and Burn Pile Areas)

SAIC Project 01-1633-00-5524-307

Prepared for:

Harley-Davidson Motor Company Operations, Inc.
York, Pennsylvania

May 2004

Science Applications International Corporation
An Employee-Owned Company

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LIST OF ACRONYMS AND ABBREVIATIONS

AMF - American Machine & Foundry Company
AOC - area of concern
bgs - below ground surface
BPA - Burn Pile Area
CFR - Code of Federal Regulations
CY - cubic yard
DCE - dichloroethene
EM - Electromagnetic
EPA - United States Environmental Protection Agency
gpm - gallons per minute
GPS - global positioning system
Harley-Davidson – Harley-Davidson Motor Company Operations, Inc.
HASP - Health and Safety Plan
HAZWOPER- Hazardous Waste Operations and Emergency Response
Langan - Langan Engineering and Environmental Services, Inc.
MCL - maximum concentration limit
mg/kg - milligrams per kilogram
mg/L - milligrams per liter
MSC - medium specific concentration
OSHA - Occupational Safety and Health Administration
PADEP - Pennsylvania Department of Environmental Protection
PAHs - polycyclic aromatic hydrocarbons
PCBs - polychlorinated biphenyls
PCE - tetrachloroethene
PID - photoionization detector
PRG - preliminary remediation goal
QA/QC - quality assurance/quality control
QAPP - Quality Assurance Project Plan
RBC - Risk-based Concentration
RCRA - Resource Conservation and Recovery Act
REWAI - R.E. Wright Associates, Inc.
RFA - RCRA Facility Assessment
RI - Remedial Investigation
SAIC - Science Applications International Corporation
SF - square feet
SPLP - synthetic precipitation leaching procedure
STL - Severn Trent Laboratories, Inc.
SVOCs - Semi-volatile Organic Compounds
SWMU - Solid Waste Management Unit
TCE - trichloroethene
TCLP - toxicity characteristic leaching procedure
UCL_{95} - 95 percent upper confidence level
VOCs - volatile organic compounds
WPL - West Parking Lot
YNOP - York Naval Ordnance Plant

Expedited Investigation and Interim Remedy Evaluation For Eden Road Relocation (West Parking Lot and Burn Pile Areas)

Harley-Davidson Motor Company Operations, Inc.
York Facility

1.0 INTRODUCTION

Springettsbury Township is planning to reroute Eden Road along the western edge of the Harley-Davidson Motor Company Operations, Inc. (Harley-Davidson) property at the York, Pennsylvania, facility. The planned construction will reroute the existing roadway through two site-wide Remedial Investigation (RI) management areas identified as the Burn Pile Area (BPA) and western portions of the West Parking Lot (WPL). The BPA is located north-northwest of the WPL. A general site location map is presented as Figure 1.

The new roadway will be elevated several feet higher than the existing surface and will include two ramp areas, allowing entrances to the existing parking lot from the west. In addition to the roadway construction, two stormwater detention basins and several stormwater-related pipes will be installed as part of the roadway relocation. Construction of the basins and utilities will require excavations in several areas below existing ground surface to depths of up to 8 feet into areas of known or suspected contamination. An expedited soil investigation has been completed within the planned roadway construction areas. The results of the investigation are provided in this report. In addition, two groundwater monitoring wells were installed as part of the expedited investigation along the western boundary of the WPL. A summary of the well installation and the results of the initial round of groundwater sampling are also provided in this report.

Further investigations (where needed) will be included in the Site-Wide Supplemental Work Plan, as part of an ongoing RI program being completed for this property. Specific work items that will be conducted during the site-wide supplemental RI effort in this area will include:

- the addition of a monitoring well in the northwest corner of the BPA,
- groundwater extraction testing near the southwest corner of the WPL, and
- investigations of the black-stained area (from the 1964 aerial photo) to the east of the BPA.

The Interim Remedy Evaluation was completed to address Eden Road construction related issues and some long-term remedial actions in the vicinity of the proposed new roadway. The results of the remedy evaluation are presented in Section 3.0 of this report.

1.1 Background

The York facility was constructed in 1941 by the York Safe and Lock Company, a U. S. Navy contractor, for the manufacture, assembly, and testing of 40 mm twin and quadruple gun mounts, complete with guns. In 1944, the Navy took possession of the York facility. The Navy owned and operated the facility as the York Naval Ordnance Plant (YNOP) until 1964, switching operations after WWII to overhaul of war-service weapons, making rocket launchers, and manufacturing of 3-inch/50 caliber guns, 20 mm aircraft guns and power drive units for 5-inch/54 caliber guns. During this period, the Blaw-Knox Company assumed management and operation of the YNOP to manufacture these products for the Navy Department. In 1964, the Navy sold the York facility to American Machine & Foundry Company (AMF), who continued similar manufacturing. In 1969, AMF merged with Harley-Davidson. In 1973, AMF/Harley-Davidson moved the motorcycle assembly operations to the York facility. In 1981, AMF sold the York facility to Harley-Davidson. Harley-Davidson has continued motorcycle assembly operations at the York facility since 1981.

According to a 1989 Resource Conservation and Recovery Act (RCRA) Facility Assessment (RFA) [A.T. Kearney, 1989], the WPL is identified as Solid Waste Management Unit (SWMU) No. 14. The WPL area includes the parking area located between the current Eden Road and the railroad right-of-way. The BPA is not directly identified or addressed in the RFA.

According to several historical aerial photos, significant land filling occurred in the WPL beginning some time after September 1937 and ending some time before March 1968. By 1957, two-thirds of the current WPL area was used for parking, and only the southwest quadrant of the parking lot was unpaved.

Harley-Davidson interviewed several former employees of the YNOP and AMF between 1990 and 1991 to identify areas of potential environmental concern on the entire facility. Numerous interviewees indicated a burn pile area, variously called “burn pile”, “west magnesium burn pile”, “magnesium burn area” and “paint filter burn area”. Also in the WPL area was an area identified as “N.O.P. (Naval Ordnance Plant) Dump”, generally to the south of the BPA; and a “firefighter training area” generally to the east of the BPA and west of the current electrical substation.

A railroad spur was constructed in the 1940s in the vicinity of the BPA and WPL. The spur entered the facility from the west and split near the northwest corner of the WPL. One spur led to the Power House (Building 10). The second spur led in a more northeasterly direction, west of the existing substation, and terminated near Building 12, located in the northcentral portion of the plant. Both of these spurs were abandoned in the late 1980s and have been covered with pavement.

The Burn Pile Area (BPA)

The BPA was historically used as a burn area to incinerate combustible waste materials. Historical aerial photographs have identified a general area of disturbance. The Draft Interim Site-Wide Remedial Investigation Report (Langan Engineering and Environmental Services, Inc. [Langan], 2002) identified this area as a "burn pit area" and describes historical activities as including firefighter training. This "burn pit area" description is not accurate with respect to the interview information and probably resulted from combining the waste burning activities with the firefighter training activities that were actually separate. No pit was mentioned or known to exist in this area by any interviews of employees.

Previous investigations (REWAI, 1991, 1992; Langan, 2002) in this management area have included geophysical surveys, soil gas surveys, test pits, and soil borings/sampling. The results of the interim RI have concluded that much of the BPA is covered with up to 3 feet of fill, comprised of various debris such as cinder blocks, wood, metal, concrete, glass and containers. In addition, coal, slag, gray sludge and resinous material were found in this area. The fill and soil material have been found to contain various chemicals including volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals. The constituents of concern include several polycyclic aromatic hydrocarbons (PAHs) such as benzo-a-pyrene; trichloroethene (TCE), tetrachloroethene (PCE); and metals (antimony, cadmium, lead, and nickel). In addition, the resinous material identified in one test pit was found to contain xylenes and polychlorinated biphenyls (PCBs).

A groundwater monitoring well (MW-76) was installed in the northwest corner of this area in 1999 (Langan, 2002). Analysis of groundwater from this well from 1999 to present indicate that groundwater in this vicinity is impacted by low levels of chlorinated solvents. Volatile organic compound (VOC) concentrations in this well have ranged from 0.020 mg/L to 0.050 mg/L TCE and 0.005 mg/L to 0.020 mg/L PCE.

The West Parking Lot (WPL)

Environmental investigations in the WPL started in 1986, with the installation of three groundwater-monitoring wells (MW-6, MW-7, and MW-8). Groundwater monitoring wells installed in the WPL by R.E. Wright Associates, Inc. (REWAI, July 1991) between 1986 and 1990 included MW-8, CW-9, MW-37s, MW-37d, MW-38s, and MW-38d. Analyses of groundwater from these wells indicated that groundwater had been impacted by chlorinated solvents. VOC concentrations in these wells included 2 mg/l TCE and 1 mg/l dichloroethene (DCE) in MW-7, and 0.94 mg/l TCE and 0.75 mg/l PCE in MW-8.

Subsurface investigations of the WPL continued in 1991 by R.E. Wright Associates (REWAI, March 1992). These investigations included geophysics (Electromagnetic [EM] conductivity), soil gas sampling, soil borings, and backhoe pit excavations. Numerous anomalies were found using the EM-conductivity. The results of the previous studies indicate substantial areas of fill within the WPL. The WPL fill generally consists of up to four feet of black ash and cinders, construction debris, and cafeteria waste. Olive-brown to grayish-brown sandy silts and gravels and red clayey silt underlie the waste. Further to the south, the fill consisted of dark-brown to

yellowish-brown coarse sand and gravel, black coarse sand with cinders, underlain by naturally occurring orange-brown clayey silts. Fill materials observed in test pits within the WPL consisted of concrete block fragments, brick, wood, electrical wire, conduit, 5-gallon cans, glass containers, 55-gallon drum rings, metallic scrap, oily greasy residue, nails, black sand, and cafeteria waste.

A focused subsurface investigation was conducted by REWAI in the WPL (REWAI, March 1992). It included a detailed review of historical aerial photographs to define the area of investigation. EM conductivity and metal detector surveys were performed to identify conductivity anomalies beneath the asphalt. Soil gas sampling was conducted in those areas identified as anomalous from the geophysical surveys and in areas identified by employees as disposal sites. Nine split-spoon soil borings (WPLSS-10 through WPLSS-18) were subsequently completed within the southern WPL. The final investigative phase included the trenching of four test pits in the southern WPL, co-located with split-spoon boring locations (WPLTP-11, WPLTP-15, WPLTP-15b, and WPLTP-18) to directly observe and characterize the subsurface materials.

Further investigations were pursued during the site-wide RI (Langan, 2002). These investigations included two EM surveys, a soil gas survey, and soil sampling. Five magnetic anomalies were found in the southern area of the WPL. Five soil borings and seven test pits were performed in the WPL based on the soil gas and EM surveys. Test pit excavations showed the geophysical anomalies to be buried metal debris (food cans), metal shavings, nails and other metallic debris. A drum and cinders were also found in one test pit (WPL-TP2). A petroleum odor and oil droplets were observed in another test pit (WPL-TP4).

Eden Road Geotechnical Investigation

In the spring of 2002, an investigation was conducted for the proposed new Eden Road redirection around the WPL (SAIC, June 2002). This investigation included 24 soil borings along the proposed new roadway, extending from the southern WPL and into the BPA. Combined geotechnical and environmental borings were performed along a proposed route and at proposed stormwater facility locations that differ slightly from the current positions.

Samples from this investigation were generally collected at deeper depths than previous investigations (up to 20 feet below ground surface [bgs]), and were analyzed for metals and VOCs only. The only detected constituent that exceeded applicable Pennsylvania Department of Environmental Protection (PADEP) standards was chlorobenzene, at location ERB-5, located in the southwest area of the WPL.

2.0 EXPEDITED INVESTIGATION SUMMARY

Expedited soil characterization activities were conducted in accordance with the approved work plan (SAIC, January 2004). Well installations and sampling were conducted in accordance with an approved scope of work (SAIC, March 2004). Procedures for field sampling, chain of custody, laboratory analysis, and reporting of data were conducted in accordance with the Quality Assurance Project Plan (QAPP) [SAIC, 2004]. Specific analytical method objectives and sample quality control criteria are provided in the QAPP. General objectives described in the QAPP include the following:

- Provide data of sufficient quality and quantity to support ongoing supplemental remedial investigation efforts.

- Provide data of sufficient quality and quantity to support area-specific remediation goals (when applicable).

- Provide data of sufficient quality to meet applicable State of Pennsylvania and Federal (United States Environmental Protection Agency [EPA], Region III) objectives.

- Ensure samples are collected using approved techniques and are representative of existing site conditions.

- Utilize quality assurance/quality control (QA/QC) procedures for both field and laboratory methods that meet the EPA, PADEP and other applicable guidance document requirements.

A total of 129 soil borings and 20 test pits were conducted during the expedited soil investigation. Copies of soil boring and test pit logs are provided in Appendices A and B, respectively.

- Fill was encountered in nearly all of the borings, with depths ranging from 1 to 9 feet (average depth of fill was approximately 3 feet in thickness). Many of the borings encountered fill containing non-soil like materials.
- None of the borings conducted in or near the proposed southern detention basin encountered non-soil like material. In addition, borings conducted west (off) the parking lot generally encountered only minor fragments of non-soil like material (such as coal, cinders, and slag), which may be related to the adjacent and former railroad spur.
- The types and presence non-soil like material were variable across the WPL. These materials were generally found within the upper 5 feet of the surface. Types of non-soil like materials observed included ash, cinders, metal fragments (containers, buckets, etc.) and metal shavings, coal/charcoal, slag, wood, paint, glass, concrete, rubber, sawdust, clay pipe fragments, tar paper and gravel.
- Test pits were selected based on evidence of fill (from the soil borings) and to confirm the presence and characteristics of non-soil like materials found in these areas. Use of test pits also allowed confirmation of former geophysical anomalies previously identified

on-site. Samples of fill (including soil-like and non-soil like material) and underlying native soil were collected for off-site laboratory analyses.

In addition, two new monitoring wells (MW-93S and MW-93D) were installed along the southwestern boundary of the WPL, and these two wells, along with several nearby wells were sampled. A copy of the monitoring well geologic and construction log for these two new wells are provided in Appendix C.

As part of preparations for the Eden Road relocation construction, existing monitoring wells CW-12, CW-12A, and MW-76 were abandoned due to their coincidence with two new stormwater basins. In anticipation of the need for future groundwater treatment, existing spare groundwater utilities, located near CW-9, were extended in April 2004 to the southwest corner of the WPL.

2.1 Burn Pile Area (BPA) Investigation Summary

Tables 1 and 2 provide a summary of all laboratory analytical results from sampling soil within the Burn Pile Area (BPA) at Harley-Davidson, both historically and from sampling conducted during this expedited investigation. Analytical results are highlighted when an applicable screening criteria is exceeded. Table 3 summarizes all soil analytical results, which exceeded any of the applicable screening criteria. The locations of all BPA sampling locations are shown on Plate 1. This illustration also indicates where samples exceed shallow direct contact or soil-to-groundwater screening criteria. Areas are also delineated (see Plate 1) around similar areas of elevated constituents found in the soil. There are two such areas (identified as area of concern [AOC] A and B) in the BPA.

The results shown on Tables 1 and 2 include data from 28 historical samples and 138 samples collected from 55 soil borings conducted during the expedited investigation within the BPA from February 2 to March 12, 2004. Analytical testing for the expedited investigation was conducted by Severn Trent Laboratories, Inc. (STL) at their Edison, New Jersey laboratory.

The locations of test pits are also shown on Plate 1. Test pit locations are coincident with boring locations with similar designations (BPA-SB-34 is coincident with BPA-TP-34). On these maps, the soil boring symbol (orange triangle) has been overlain with a yellow square, but the SB label remains. No additional samples were collected from the BPA test pits for off-site analysis.

A general summary of the results are as follows (see Tables 1 and 2 for details):

1. Four metals (arsenic, cadmium, lead, and nickel) were detected above medium-specific concentrations (MSCs) from past sampling. Only two metals (arsenic and cadmium) were detected above MSCs during the expedited soil sampling effort (see Table 1). Arsenic was detected above the EPA risk-based concentration (RBC) criteria in nearly every sample. The reported concentrations ranged from 2 to 46 mg/kg (avg. of approx. 6 mg/kg). None of the detected concentrations of arsenic exceeded the Act 2 direct contact or soil-to-groundwater MSCs. Only 3 of the 138 samples appeared to be elevated above the average concentration for arsenic (BPA-SB-4, -15, and -30). The levels of

arsenic found in soil above the EPA-RBC ingestion criteria are generally considered to be within natural site background conditions. In addition, because these levels were not found in concentrations above the Act 2 soil-to-groundwater or direct contact MSCs, characterization of soil for arsenic is considered to be complete for the BPA. Cadmium was detected above the Act 2 soil-to-groundwater MSC at locations BPA-TP-1a (1.5-2' depth) and BPA-SB-18 (0-2' depth). Soil samples beneath and surrounding this location have demonstrated adequate characterization for cadmium. Lead and nickel were each found above the soil-to-groundwater MSC in one historical sample (BPA-SG75a, 1.5-2' depth; and BPA-SG74a, 1.5-2' depth, respectively). No other metals were detected in any of the BPA soil borings above any of the applicable MSCs.

2. The VOCs, TCE and PCE were detected above the Act 2 soil-to-groundwater MSC at 16 boring locations (BPA-SG-74a and -75a, BPA-SB-1, -2, -7, -8, -9, -10, -11, -15, -16, -18, -24, -50, -51, and -54) [see Table 1]. Concentrations ranged up to 110 and 4,100 mg/kg, for TCE and PCE, respectively. The highest concentrations were found near the surface at location BPA-SB-8 and BPA-SB-50. Borings around this location, near the western property boundary in the BPA (Area B), also contained elevated concentrations of these VOCs. The area of elevated VOCs in soil (Area B) is generally west of the proposed roadway and south of the planned detention basin excavation. VOCs were not detected above any applicable screening criteria in the surface soil in Area A.

3. Six polycyclic aromatic hydrocarbons (PAHs) (benzo(a)anthracene, benzo(a)pyrene, benzo (b)fluoranthene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) were detected above EPA ingestion criteria at numerous locations (generally at or near the surface). Two samples (BPA-SG-2a and BPA-SB-06) contained PAHs above the PADEP direct contact MSC (see Table 2). Four additional SVOCs (carbazole, hexachloroethane, hexachlorobenzene, and pentachlorophenol) were detected above the soil-to-groundwater MSC at several historical sampling locations. Detected SVOCs, when found, appear to be coincident with surface fill, and are low or undetected below the surface (0 to 2-foot) sampling depth.

4. Poly-chlorinated biphenyls (PCBs) (Arochlors 1254 or 1260) were detected above the EPA ingestion MSC at three (3) surface soil locations (BPA-SB-21, -38, and WPL-SB-51). Detected PCBs, when found, appear to be coincident with surface fill, and are generally undetected below the surface (0 to 2') sampling depth. None of the detected concentrations exceeded any Act 2 direct contact or soil-to-groundwater MSCs.

2.2 West Parking Lot (WPL) Area Investigation Summary

Tables 4 and 5 provide a summary of the laboratory results from sampling soil within the WPL at Harley-Davidson during this expedited investigation. Analytical results are highlighted when an applicable screening criteria is exceeded. Table 6 summarizes only the current and historical samples, which exceed site-wide screening criteria. The locations of all of the historical and current WPL sampling locations are shown on Plate 1. This illustration also indicates where samples exceed shallow direct contact or soil-to-groundwater screening criteria. Areas are also delineated (see Plate 1) around similar areas of elevated constituents found in the soil. There are

twelve such areas (identified as AOCs C through N) located within the planned roadway construction zone in the WPL.

The results shown on Tables 4 and 5 include 72 samples collected from 1991 through 2002 and 167 samples collected from 74 soil borings conducted during the expedited investigation within the WPL from February 4 to March 12, 2004. Analytical testing for the expedited investigation was conducted by Severn Trent Laboratories, Inc. (STL) at their Edison, New Jersey laboratory. Additional test pit investigations and sampling were conducted. A total of six samples were collected from the five WPL test pits (WPL-TP-16 [2 depths], -28, -37, -45, and -50).

The locations of historical and recent test pits are also shown on Plate 1. Test pit locations are coincident with expedited boring locations with similar designations (WPL-SB-12 is coincident with WPL-TP-12). On these maps, the soil boring symbol (orange triangle) has been overlain with a yellow square, but the SB label remains. The exception to this is WPL-TP-50 (no soil borings conducted), which was located near a boring (WPL-SG-47) conducted during the RI investigation.

A general summary of the results are as follows (see attached Tables 4 and 5 for details):

1. Six metals (antimony, arsenic, cadmium, hexavalent chromium, lead, and nickel) were detected above MSCs from soil samples collected during this investigation (see Table 4). A summary of the metals found above MSCs are as follows:

    - Antimony was detected above the Act 2 soil-to-groundwater MSC at eight locations (WPL-SS-11-1, WPL-SG-33a, WPL-TP-1a, WPL-TP-7a, WPL-SB-28, -59, -61, and WPL-TP-37), beneath the parking lot.
    - Arsenic was detected above the EPA-RBC criteria in nearly every sample. The reported concentrations ranged from 1 to 79.4 mg/kg (avg. of approx. 7.4 mg/kg). Only one sample (WPL-SB-22, 3 to 5-foot depth), exceeded the Act 2 direct contact MSC, and one sample (WPL-SG-33a) exceeded the arsenic soil-to-groundwater MSC. Only 3 of the 167 expedited samples collected in the WPL appeared to be elevated above the average concentration for arsenic (7.4 mg/kg). These samples include WPL-SB-22 (3 to 5-foot depth), -36 (0.5 to 2-foot depth), and -37 (0.5 to 2-foot depth), having concentrations of 79.4, 22.5, and 47.4 mg/kg arsenic, respectively. The levels of arsenic found in soil above the EPA-RBC ingestion criteria are generally considered to be within natural site background conditions. In addition, these levels were generally not found in concentrations above the Act 2 soil-to-groundwater or direct contact MSCs. Therefore, characterization of soil for arsenic in this portions of the WPL is considered to be complete.
    - Cadmium and nickel were detected above the Act 2 soil-to-groundwater MSC at location WPL-SB-22 (2 to 4-foot depth). Cadmium was also found above the soil-to-groundwater MSC at WPL-SG-33a, WPL-SB-29 (0-2' depth, beneath the parking lot), at WPL-SB-52 (0 to 2-foot depth near the BPA), and in two test pit samples (WPL-TB-16 and -50). Nickel was also found above the soil-to-groundwater MSC in three historical samples. These sampling locations/depths were generally associated with observed waste material. Soil samples above, beneath and

surrounding this location have demonstrated adequate characterization for cadmium and nickel.

- Lead was detected above the soil-to-groundwater MSC at 13 historical sampling locations; 11 expedited investigation boring locations (WPL-SB-22, -24, -28, -29, -37, -45, -47, -55, -56, -57, and -76); and in three test pit samples (WPL-TP-16, -37, and -50). These sampling locations/depths were generally associated with observed waste material.
- One sample (0 to 2-foot depth at location WPL-SB-56) contained elevated concentrations of hexavalent chromium above the Act 2 direct contact and soil-to-groundwater MSC.
- No other metals were detected in any of the expedited investigation WPL soil borings above any of the applicable MSCs. Other than arsenic, described above, one detection of hexavalent chromium (described above), and one sample for lead (WPL-SB-57, 0 to 2-foot depth), none of the metals exceeded any of the EPA ingestion or PADEP direct contact criteria. Duplicate samples of those samples exceeding the soil-to-groundwater MSC for metals were submitted to STL for SPLP extraction and analysis of these metals in the extract. The results of these tests are provided in a later section of this report.

2. The VOCs, benzene, chlorobenzene, cis 1,2-dichloroethene (cis 1,2-DCE), 1,1,2,2-tetrachloroethane, toluene, 1,1,2-trichloroethane, TCE, PCE, and/or vinyl chloride were detected above the Act 2 soil-to-groundwater MSC at five historical sampling locations; sixteen (16) expedited soil boring locations (WPL-SB-8, -10, -19, -22, -28, -37, -47, -48, -51, -55, -58, -66, -68, -73, -75, and -76); and two test pit locations (WPL-TP-16, and -50) as follows:

   - Benzene was detected above this MSC in a former test pit (drum) at WPL-TP-2-5, and at only one soil boring location (Area I), WPL-SB-28 (0.5-2’ depth), beneath the parking lot.
   - Cis 1,2-DCE was detected above this MSC in Areas C, D and I at four locations (WPL-SB-28, 0-2’ depth; WPL-SB-55 5-7’ depth; WPL-SB-66 2-4’ depth; and WPL-SB-73, 0 to 2-foot depth).
   - Vinyl chloride was detected above this MSC in two former test pits (WPL-TP-1a and -2) and within Areas I, K, and L at four soil boring locations, WPL-SB-28 (0 to 2-foot depth); WPL-TP-16 (5-foot depth); WPL-SB-68 (6 to 8-foot depth); and WPL-SB-76 (3 to 6-foot depth) beneath the parking lot.
   - Chlorobenzene was detected above the soil-to-groundwater MSC in Area K at three former borings (ERB-05, SG-47a, and SG-47b) and at two expedited subsurface locations (WPL-SB-19, 10 to 12-foot depth and WPL-TP-16, 11-foot depth).
   - PCE was detected above the soil-to-groundwater MSC at two locations (Areas M and N) in the southern portion of the WPL (WPL-SB-8, and -10, subsurface depths); and at four locations (Areas B, C, D and E) in the northern portion of the WPL (WPL-SB-51, -55, -58, and -73).
   - Concentrations ranging up to 710 mg/kg of TCE were found in Areas C, D, E, I, K, L, and N at two historical sampling locations (WPL-SS-12 and TP-2-3); at 13 expedited

soil boring locations (WPL-SB-10, -22, -28, -37, -47, -48, -51, -55, -58, -66, -73, -75, and -76); and one test pit location (WPL-TP-50, 5-foot depth).

- Two historical sampling locations (TP-15-B-3 and TP-2-3) exceeded the soil-to-groundwater MSC for toluene and 1,1,2,2-tetrachloroethane, respectively.

3. Ten PAHs (anthracene, benzo(a)pyrene, benzo(a) anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, carbazole, crysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene) were detected above Act 2 direct contact or EPA ingestion criteria at six historical sampling locations (WPL-TP-1, -2, -3, -4, -5, and -7) and at thirteen (13) expedited soil sampling locations (WPL-SB-9, -12, -19, -22, -23, -28, -29, -37, -47, -58, and -76; and WPL-TP-16, -28, -37, and -50) [see Table 5]. Elevated semi-volatile organic compounds (SVOCs) appear to be coincident with fill, primarily near the surface. Only one historical sample (WPL-TP-5) and one expedited soil sample (WPL-SB-29, 0 to 2-foot depth [Area H]) exhibited PAH concentrations above the soil-to-groundwater MSCs.

4. PCBs (Arochlors 1254 and/or 1260) were detected above the EPA ingestion MSC at 8 historical sampling locations; 23 of the expedited soil boring locations (WPL-SB-12, -17, -19, -21, -22, -28, -35, -37, -45, -47 -48, -51, -53, -55, -56, -57, -58, -61, -64, -66, -73, -75, and -76); and four test pit locations (WPL-TP-16, -28, -37, and -50) [see Table 5]. Arochlor 1254 was detected above the Act 2 direct contact MSC in Area C at WPL-SB-56 [61 mg/kg]; and above the Act 2 direct contact and soil-to-groundwater MSC in Area J (WPL-SB-21 [480 mg/kg]).

2.3 Soil Leachate Testing

The following is a summary of the data analysis completed for Synthetic Precipitation Leaching Procedure (SPLP) testing of soil for the Expedited investigation for the Eden Road Relocation project. Consistent with the workplan, the purpose of this exercise was to determine if an alternate, site-specific soil-to-groundwater preliminary remediation goal (PRG) could be considered for areas of contaminated soil within the BPA or WPL areas of the Eden Road project.

Based on a review of this data, there does not appear to be sufficient correlation to pursue an alternate, site-specific soil-to-groundwater PRG in the areas of investigation. Selected SPLP data are useful, however, in supporting recommended remedial actions at individual locations (i.e., hot-spots).

A summary of the results of VOC- and metal-SPLP and total analyses conducted during this project are provided on Tables 7 and 8. Total analysis results above Act 2 soil-to-groundwater MSCs are shaded. Similarly, the results of SPLP extracts that exceed (fail) the federal or state drinking water standards (maximum contaminant limit [MCL]) are also shaded. The first step in this evaluation was to determine if a correlation exists (comparing SPLP and total analyses) among soil samples with elevated levels of the same constituent.

Thirty-three soil samples were submitted for SPLP-VOC analysis, based on the results of the soil investigation results (analysis of total VOCs in soil). Eight of these samples were collected from the WPL area, and twenty-five were collected from the BPA (mostly from the area along the western property boundary [Area B]). Four VOCs (PCE, TCE, vinyl chloride and cholorbenzene) were found in these samples above the Act 2 soil-to-groundwater MSC as follows:

Compound	No. of times total concentration exceeded soil-to-GW MSC	No. of times SPLP leachate concentrations exceeded MCL
PCE	24	12
TCE	24	16
Vinyl Chloride	1	0
Chlorobenzene	1	1

Fifteen (15) soil samples were submitted for SPLP-metals analyses, based on the results of the soil investigation results (analysis of total metals in soil). All of these samples were collected from the WPL area. Four metals (lead, cadmium, antimony and nickel) were found in these samples above the Act 2 soil-to-groundwater MSC as follows:

Compound	No. of times total concentration exceeded soil-to-GW MSC	No. of times SPLP leachate concentrations exceeded MCL
Lead	14	9
Cadmium	4	0
Antimony	3	8
Nickel	2	0

As shown above, there are only 3 parameters (TCE, PCE and Lead) which were detected above the soil-to-GW MSC with enough frequency (minimum of 10) to consider using this data for an alternate site-specific PRG. Correlation statistics were performed on these parameters, and evaluated as follows:

- Sample depths, and soil types (silt, fill, waste, etc.) were identified for each sample.
- For a given analyte, the SPLP concentrations were plotted versus the Total concentrations. The best fit line was determined by linear regression. To facilitate analysis of undetected compounds, a value of ½ the detection limit was used for results below the method detection limit. Illustrations of selected plots are provided in Appendix D.
- The correlation coefficient (r^2) describes the degree of agreement (linearity) between a set of total versus SPLP data for a particular parameter. A perfect linear fit would have a value of 1.0.
- The correlation coefficient (r^2) for PCE was 0.9922 (n = 33). However, all data points were clustered near the origin except for sample BPA-SB-050-07. If the results for BPA-SB-050-07 are not included in the linear regression calculation, the r^2 decreases to

less than 0.04. It appears that this one point is having a disproportionate effect on the calculation of the best fit line. Therefore, the linearity of the relationship is suspect.

- TCE had an $r^2 = 0.6408$ (n = 33). Samples that were below the MSC were deleted and the correlation analysis was repeated. The linear equation for TCE changed and the correlation coefficient decreased to $r^2 = 0.6142$ (n = 25).
- The correlation coefficients for TCE and lead were unacceptably low. For these analytes, results were sorted and re-evaluated according to soil type (silt, fill, waste, etc.); however, no other correlations between leaching potential and soil type were identified.
- To examine the potential correlation between depth of sample and leaching potential, a ratio of SPLP/Total TCE was calculated and plotted versus sample depth. Although it appears that the leaching potential for VOCs increases below depths of 0 to 2 feet, no other relationships were apparent.
- A comparable calculation was not done for lead because there was no significant correlation found between the total and SPLP leachate concentrations of lead ($r^2 = 0.0786$).
- Comparable analyses were not conducted for other analytes (i.e. antimony, cadmium, chlorobenzene, nickel) because there were less than 10 samples with concentrations greater than the PRG (insufficient data set).

A toxicity characteristic leaching procedure (TCLP) was conducted on several soil samples in an effort to determine if these soils exceeded any RCRA regulatory, or characteristically hazardous thresholds. Five surface soil samples exhibiting high concentrations of VOCs or metals, and which were located within areas likely to require removal during construction were submitted for TCLP-metals and/or TCLP-VOC testing. The locations of these samples are shown on Plate 1, and include BPA-SB-18 (Area B), WPL-SB-48 (Area C), WPL-SB-47 (Area E), WPL-SB-29 (Area H), and WPL-SB-28 (Area I). A summary of these results, in comparison to the regulatory thresholds for hazardous characteristics is provided on Table 9. As shown on Table 9, none of these samples exceeded the regulatory threshold, indicating that these soil samples do not exhibit the toxicity characteristic for these constituents.

2.4 Clean Fill Evaluation

In accordance with the recent PADEP policy titled "Management of Fill" (PADEP, 2004), material that contains substances with concentration levels below threshold limits (generally consistent with the Residential Statewide Health Standard, as defined by the Land Recycling and Environmental Remediation Standards Act [Act 2 of 1995]) is considered to be uncontaminated and may be used without restrictions as clean fill. Clean fill includes inert solid material such as soil, rock, dredged material, used asphalt, brick, and block or concrete from construction and demolition activities. The policy also contains provisions to determine if the material is considered "regulated fill". Regulated fill is considered to be clean fill or historic fill material which has been affected by a spill or release of a regulated substance, and exceeds the clean fill threshold limits. Material which exceeds these standards, but are below regulated fill threshold limits may qualify for beneficial use under a new General Permit (No. WMGR096), provided by the PADEP. Regulated fill which is moved and exceeds the regulated fill thresholds must be managed in accordance with PADEP's municipal or residual waste regulations.

The analytical data for shallow soil samples (0 to 2-foot depths) collected in Area A were evaluated to determine whether this soil could be used as clean fill or regulated fill in accordance with the new policy. Thirty-seven discrete soil samples were collected with a Geoprobe® within the top 2 feet of the ground surface (Note: the data for two near surface samples collected at BPA TP-1a [1 to 2-foot depths] were excluded from the data set because they do not represent soil anticipated to be removed during grubbing and site preparation). All 37 samples were analyzed using approved methods for metals, volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and polychlorinated biphenyls (PCBs). Analytical data for all detected compounds were compared with the new PADEP Clean Fill and Regulated Fill limits as shown in Tables 10 and 11.

First, the data was evaluated in accordance with the 75/2X rule, which requires 75 percent of the data for each substance to be equal to or below the applicable limit and that no single sample have a concentration exceeding two times the threshold criteria. The data for all metals, all detected VOCs, all PCBs, and all but one of the SVOCs met the 75/2X rule. The only SVOC that did not meet the 75/2X rule for the clean fill criteria was benzo(a)pyrene. Benzo(a)pyrene was detected in two samples at concentrations that were slightly greater than two times the clean fill criteria.

A second option in the Fill Policy was used to evaluate the data for benzo(a)pyrene. The second option involved calculating the 95 percent upper confidence level (UCL_{95}) of the mean concentration in accordance with United States Environmental Protection Agency (EPA) guidance (EPA, 1992). The UCL_{95} is defined as a value that, when calculated repeatedly for randomly drawn subsets of data, equals or exceeds the true mean 95 percent of the time. Thus, the UCL_{95} is an upper bound estimate of the mean. For completeness and comparison, separate UCL_{95} values were calculated assuming the data had normal or lognormal distributions. (Note: random values between zero and the reported quantitation limit were used as required by the PADEP's fill policy to represent the possible concentration for samples in which benzo(a)pyrene was not detected). The arithmetic average concentration of benzo(a)pyrene in the 37 discrete samples was 1.6 mg/kg, which is below the clean fill criteria of 2.5 mg/kg. The calculated UCL_{95} concentration was determined to be 2.9 mg/kg for the normal distribution and 2.8 mg/kg for the lognormal distribution. Although slightly above the clean fill limit of 2.5 mg/kg, the calculated UCL_{95} concentration for benzo(a)pyrene is well below the PADEP Regulated Fill limit of 11 mg/kg.

In summary, the analytical data for the surface soil samples within Area A have been demonstrated to be consistent with the definition of clean fill for all but one constituent. Due to slightly elevated concentrations of benzo(a)pyrene in two samples, the clean fill criterion was exceeded, but this material meets the regulated fill concentration limits. Therefore, the surface soil within Area A is considered to be regulated fill and is eligible for beneficial reuse under the PADEP General Permit conditions. Soils managed in accordance with the PADEP General Permit will require completion of an application, deed acknowledgement, and placement restrictions, whether or not it is transferred to an on-site or off-site industrial location. PADEP will be contacted to discuss the application of the new fill policy to this specific project, to assure conformance with this newly revised program.

Also, a preliminary clean fill evaluation was conducted for soils tested in the other AOCs (B through N). The results of comparing maximum soil concentrations in impacted areas to the clean fill and regulated fill limits are shown on Tables 3 and 6. Both the clean fill and regulated fill limits were exceeded in samples collected from all but one of the AOCs (AOC G). Although there are an insufficient number of samples to make a clean fill determination for AOC G (a minimum of 8 samples are required for the first 125 cubic yards [CY] and 12 samples are required for volumes greater than 125 CY, up to 3,000 CY), all detected compounds were below both the clean fill and regulated fill limits in this area (see Table 6). Similarly, the maximum detected constituents found in the surface (0 to 2-foot depth) soils within areas L and N were below both the clean fill and regulated fill limits; and the surface soils within areas F and M were below the regulated fill limits (see Table 6).

2.5 Well Installations and Groundwater Sampling

Due to the potential for groundwater impacts, based on soil data, in the vicinity of Area K, a monitoring well cluster (shallow and deep) was placed near the property boundary in the vicinity of soil boring location WPL-SB-21 (see Plate 1). The locations of the new monitoring wells were designed primarily to satisfy an existing data gap between existing wells MW-38D and MW-75S&D. The specific drilling location for each well was selected based on proximity of elevated constituents in the soil within Area K, and the apparent downgradient groundwater direction. A Pennsylvania licensed professional geologist from SAIC oversaw the installation of the wells. Drilling, well construction and development of the wells were performed by a Pennsylvania licensed driller, Eichelbergers, Inc. The lithologic and well construction logs are included in Appendix C.

A conventional air rotary drill rig was mobilized to the site to advance the boreholes to their desired depth. MW-93S was designed to monitor the groundwater table to an estimated depth of 50 feet below ground surface (bgs) while MW-93D was designed to monitor groundwater in the 100 to 110 feet bgs range.

Drilling began at MW-93D at a location approximately 5 feet west and 5 feet south of WPL-SB-21. The initial drill string utilized a nominal 12-inch diameter drill bit, and a 12-inch diameter steel temporary surface casing was installed to 19 feet bgs. The 12-inch diameter drilling was continued until 4 feet into competent bedrock (total depth of 42 feet bgs). At this point, a 10-inch diameter temporary steel casing was installed to 42 feet bgs. The borehole was continued to the desired depth to set permanent casing (85 feet bgs) with a nominal 10-inch diameter drill bit. However, a mud filled void was encountered from 48’ to 54.5’ bgs, which created unstable subsurface conditions. When the drill tooling was removed after reaching 85’, the borehole collapsed to a depth of 74’ bgs. The decision was made to remove the 10-inch diameter temporary casing (previously installed to 42’), ream the hole to 12-inches in diameter to a depth below the mud filled void (approximately 56’), and re-install the 10-inch diameter casing. This was completed, the borehole was cleaned out to 85’ bgs, and 6-inch diameter permanent steel casing was installed to 85’ bgs. At this point, a decision was made to allow the 10-inch diameter steel casing to remain permanently in the well, and the annulus between the

6-inch diameter casing and the 10-inch diameter casing was grouted to the surface. Additionally, the annulus between the 10-inch diameter casing and the borehole was grouted to the surface.

After the grout was allowed to set over the weekend of April 3 and 4, drilling was continued on Monday, April 5, using a nominal six-inch diameter drill bit. The boring was advanced to the projected termination depth of 110 feet bgs. However, the approximate well yield at this point was less than 0.25 gallons per minute (gpm). The decision was made to continue drilling, and a water-bearing void was encountered from 142 to 160 feet bgs. After removing the drill tooling to install the well, the borehole collapsed to a depth of approximately 143 feet (one foot of void remained open). At this point, well construction was initiated with 10 feet of 2-inch diameter pre-packed poly-vinyl chloride (PVC) well screen inserted approximately 2.7' into the void. A total of 134.7 feet of flush joint, threaded PVC riser pipe was used to bring the well to the surface. A shale catcher was installed on the riser pipe at a depth of approximately 132 feet bgs. The purpose of the shale catcher was to prevent excessive loss of well construction materials into the underlying void during well construction. The annulus between the PVC riser and the 6-inch diameter steel casing was filled with several feet of bentonite (above the shale catcher) and tremie grouted to the surface. The well was completed with an anti-percolation collar at ground level, and a locking well cap was placed on an approximate 3-foot stickup steel casing.

Drilling began at MW-93S on April 7 at a location approximately 10 feet north of MW-93D. The initial drill string utilized a nominal 12-inch diameter drill bit, and a 12-inch diameter temporary steel surface casing was installed to 19 feet bgs. The boring was advanced to a depth of approximately 41 feet bgs when a sinkhole opened up at the surface around the well head. Drilling operations were ceased, and immediate action was taken to remove the drill rig from the area of the sinkhole. After consideration, the location of MW-93S was moved to the south of MW-93D.

An excavation subcontractor was mobilized to the site to repair the sinkhole. Loose soils were excavated to a depth of approximately 15 feet bgs. Any soils exhibiting potential environmental impacts based on visual observations or photoionization detector (PID) readings were staged in roll-off containers. A reverse graded filter was constructed in the sinkhole excavation, with clean rock backfill imported to the site. The bottom of the sinkhole was filled with large diameter shot rock, with progressively smaller rock diameters (8-inch, 6-inch, and 4-inch) used to fill to within several feet of the surface. From approximately 4 feet bgs, 3 feet of compacted 2RC stone was introduced to the excavation, with the top portion of the excavation completed with approximately 1 foot of topsoil.

Drilling resumed at the new location of MW-93S (20 feet south of MW-93D) on April 8. Modified air rotary drilling techniques were implemented to minimize the amount of air current introduced to the subsurface. Instead of air hammering techniques, Eichelbergers implemented the use of a tri-cone roller bit with low flow air circulation. This method was used to advance a nominal 12-inch diameter borehole from the surface to 45 feet bgs. Upon reaching the termination depth of the shallow well, 15 feet of threaded flush joint, 4-inch diameter PVC pre-packed well screen was inserted into the borehole. An additional 26 feet of PVC well casing was used to bring the well to the surface. The annulus between the pre-packed well screen/casing and the borehole was filled with 3/8-inch diameter pea gravel to a level approximately 2 feet

above the top of the screen. A three foot thick bentonite seal was then installed above the top of the gravel pack, and grout was introduced by tremie pipe to the annulus from the top of the bentonite to the surface. The well was completed with an anti-percolation collar at ground level, and a locking well cap was placed on an approximate three foot stickup steel casing.

During drilling activities, a diverter was used to collect drilling cuttings and water in a lined roll-off. The water was pumped from the roll-off into a frac tank. The water was then transferred to the on-site groundwater treatment system after settling. Soil cuttings were left in the covered roll-off pending chemical analysis results to determine an appropriate disposal destination. Additionally, sediment in the frac tank has been sampled, and disposal of this material will be arranged pending receipt of the results.

Each well was developed for a period of at least one hour following installation. Development water was containerized and processed through the on-site groundwater treatment system. Development was completed at MW-93S using a surge block to flush the well screen and nitrogen airlift to remove water and sediment. A 2-inch diameter Grundfos pump was used to pump water from MW-93D during the development process.

Following well construction, the well locations were protected from future construction activities by placing concrete jersey barriers around the newly installed wells. The well location coordinates were documented using a global positioning system (GPS). Additionally, the top of casing elevations were determined using an automatic level and existing nearby wells as reference points. The top of casing elevations are provided on the well construction logs (Appendix C).

SAIC completed one round of sampling on the new monitoring well cluster during the week of April 12. Groundwater levels in these new wells were measured at 14 to 15 feet below ground surface. Several nearby wells (MW-37S, MW-37D, MW-38D, MW-75S, MW-75D) and one upgradient well (CW-9) were sampled. The wells were purged and sampled using a portable submersible pump. Purge water was containerized and processed through the on-site groundwater treatment system. Samples from each well were analyzed for total volatile organic compounds (VOCs), total semi-volatile organic compounds (SVOCs), total polychlorinated biphenyls (PCBs), total and dissolved metals (priority pollutant list, plus hexavalent chromium), and total cyanide. The analytical results are summarized on Table 12.

The results of the initial sampling and analysis of the two new wells (MW-93S and MW-93D) indicate the presence of several VOCs (chloroform, chlorobenzene, 1,1-DCE, 1,1,1-TCA, TCE, PCE, and toluene) and low concentrations of metals (copper, chromium and zinc) in the groundwater at these locations. None of the detected metals (total or dissolved) exceeded any of the PADEP (Act 2 MSCs) or EPA MCLs. Two of the detected VOCs (TCE and PCE) were found in the shallow well (MW-93S) at concentrations slightly above the EPA MCL of 0.005 mg/L. Three VOCs (1,1-DCE, TCE and PCE) were found in the deep well (MW-93D) at concentrations slightly above the EPA MCL. No SVOCs were detected at MW-93S. Low (estimated) concentrations of two SVOCs (bis 2-ethylhexyl phthalate and isophorone) were found in the groundwater at MW-93D. PCBs were not detected in either of the two new wells.

In comparison to the surrounding WPL wells, the two new wells appear to have generally similar or lower concentrations of total metals. The presence of low concentrations of dissolved hexavalent chromium and copper in these two new wells appeared to be unique, in comparison to the other sampled wells. The detected concentrations of these two metals were well below applicable MSCs, however. With the exception of MW-37S and MW-37D, and chlorobenzene, the concentration of detected VOCs in the two new wells were generally much lower than the surrounding WPL wells.

3.0 INTERIM REMEDIAL ACTIONS

During planning for the road relocation project, SAIC and others provided input to the design engineers for Springettsbury Township. The design plans indicate that the majority of construction activities will be above the present grade, but surface preparations, surface water drainage piping and two stormwater basins will need to be located below existing grade within several areas. Highlights of the environmental concerns included:

- The potential for worker exposure to hazardous chemicals during excavation in the proposed Eden Road relocation area requires that workers and contractor companies meet the criteria of Occupational Safety and Health Administration (OSHA) standards 29 Code of Federal Regulations (CFR) 1910.120, governing hazardous waste operations.

- With the exception of Area A, on- or off-site use or disposal of soil within designated areas of concern will require testing of materials for proper disposition.

- Groundwater is known to contain chemicals on the EPA's Priority Pollutant List. The depth to groundwater may be within 13 to 16 feet of the ground surface in the southern WPL, and within 18 to 20 feet of the existing surface in the northern WPL and BPA. Groundwater level data is not complete enough in the proposed storm water basin area to eliminate the potential that groundwater may discharge to the constructed basin during seasonal high-water table conditions.

- Stormwater management facilities planned for this area are designed to protect against infiltration of groundwater into piping or basins, either by using water-tight pipe, lining the basins, or assuring that the elevation of the facilities are higher than high groundwater table elevations. Leakage of stormwater to the ground water table in the WPL area may impede the performance of groundwater capture system.

Excavation of soil, including grubbing and topsoil removal in off-pavement areas, utility installation, and foundation wall installation is anticipated at various locations as part of the planned construction. Soil removed as a result of construction will be monitored, evaluated, and properly handled. During excavation and handling of all soil during construction, an environmental inspector (40-hour HAZWOPER- [Hazardous Waste Operations and Emergency Response] trained) will be present to monitor for evidence of contamination, direct segregation of materials, and to collect additional samples, if necessary. A description of the responsibilities for the environmental inspector is provided in Appendix E.

3.1 Burn Pile Area Soil

A summary of the planned Remedial Actions for the BPA is provided on Table 13. A more detailed description of the actions for specific AOCs within the BPA are given below.

3.1.1 Area A

The shallow soil within Area A was found to contain some debris, low levels of PAHs, PCBs, and cadmium above the applicable screening criteria, and encompasses an area of approximately 45,000 square feet (SF). As identified in Section 2.4, above, this material has been determined to meet PADEP regulated fill limits and will not require further characterization for handling. In preparation for construction, all or portions of the surface (0 to approximately 1 foot depth) material will be removed for roadbed and stormwater basin construction. It is anticipated that this material will be reused on-site beneath the new roadway, elsewhere on-site, or at an off-site non-hazardous waste disposal facility. Subsurface soil required for removal within the new basin area did not exceed any of the screening criteria based on the expedited sampling results. Pending no evidence of concern during removal, these subsurface soils are proposed to be handled in a manner consistent with normal construction practices. An environmental inspector will be present during both surface and subsurface soil excavations, and will inspect the soils as they are excavated. No confirmatory sampling is planned.

3.1.2 Area B

Surface soil within Area B contain debris, elevated concentrations of VOCs, metals, and pentachlorophenol (PCP), and encompasses an area of approximately 9,000 SF. The impacted area extends along the western property boundary over an area at least 150 feet long, 40 to 50 feet wide, and up to 13 feet deep. This area is partially within the planned roadway and a small corner of the northern detention basin. The subsoil within Area B also contains elevated concentrations of VOCs, which will not be addressed as part of the construction preparations and this interim remedy. The area within Area B which does not need to be accessed during construction will be excluded from the construction workers (and trespassers) using temporary fencing. Surface soils within the planned construction zone will be removed as necessary to prepare for the new roadway or basin, stockpiled and sampled for off-site disposal. The Springettsbury Township's contractor for Eden Road will stage the materials and maintain protective covers as necessary. An environmental inspector will be present during all soil excavation, handling, and removal from Area B. No confirmatory sampling is planned.

3.2 West Parking Lot Area Soil

A summary of the planned Remedial Actions for the WPL is also provided on Table 13. A more detailed description of the actions for specific AOCs within the WPL portion of the road construction zone are given below.

3.2.1 Area C

Surface soil within Area C contain debris, elevated concentrations of VOCs, metals, and polychlorinated biphenyls (PCBs), and encompasses an area of approximately 7,000 SF. The impacted area extends entirely beneath the planned roadway. The subsoil within Area C is not impacted, according to the expedited soil sampling results. Surface soils within the planned construction zone will be removed as necessary to prepare for the new roadway or basin, stockpiled, and sampled for off-site disposal. The Springettsbury Township's contractor for Eden Road will stage the materials and maintain protective covers as necessary. An environmental inspector will be present during all soil excavation, handling, and removal from Area C. Due to the potential for removal of all soil with elevated constituents, confirmatory sampling is planned to be performed according to PADEP Act 2 guidelines following surface soil removal from this area.

3.2.2 Area D

Surface soil within Area D contain elevated concentrations of VOCs, lead, and PCBs, and encompass an area of approximately 925 SF. The eastern edge of this area (beyond the planned roadway boundary) has not been adequately characterized, and care will be taken to avoid unnecessary access to surface soil in this portion of the site. The identified impacted area lies beneath the planned roadway. The subsoil within Area D is also impacted with elevated concentrations of VOCs and PCBs which will remain beneath the roadway and will not be addressed further as part of the construction preparations and this interim remedy. Surface soils within the planned construction zone will be removed as necessary to prepare for the new roadway, stockpiled, and sampled for off-site disposal. The Springettsburry Township's contractor for Eden Road will stage the materials and maintain protective covers as necessary. An environmental inspector will be present during all soil excavation, handling and removal from Area D. No confirmatory sampling is planned to be performed following surface soil removal from this area.

3.2.3 Area E

Surface soil within Area E contains debris (including a previously reported crushed drum), elevated concentrations of VOCs, lead, PCBs, and PAHs, and encompass an area of approximately 2,300 SF. The eastern edge of this area (beyond the planned roadway boundary) has not been adequately characterized, and care will be taken to avoid unnecessary access to surface soil in this portion of the site. The identified impacted area lies beneath the planned roadway. The subsoil within Area E is also impacted with elevated concentrations of VOCs and lead which will remain beneath the roadway and will not be addressed further as part of the construction preparations and this interim remedy. Surface soil and debris within the planned construction zone will be removed as necessary to prepare for the new roadway, stockpiled, and sampled for off-site disposal. The Springettsbury Township's contractor for Eden Road will stage the materials and maintain protective covers as necessary. An environmental inspector will be present during all soil excavation, handling, and removal from Area E. No confirmatory sampling is planned to be performed following surface soil removal from this area.

3.2.4 Area F

Area F encompasses approximately 1,500 SF of area beneath the existing asphalt parking lot, which contains soil, fill, and debris with elevated PCBs and metals. The identified impacted area lies beneath a proposed ramp from the planned roadway to the existing parking lot. The impacted material within Area F does not require removal for construction of the new roadway. This material will remain beneath the new ramp/roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.5 Area G

Surface soil within Area G contains elevated concentrations of PCBs and PAHs and encompasses an area of approximately 1,200 SF. The impacted area extends entirely beneath the planned roadway and also encompasses an area where a retaining wall storm sewer utility will be constructed. Surface soils within the planned construction zone will be removed as necessary to prepare for the new roadway or utility, stockpiled, and sampled to determine its disposition. As identified above, this soil may meet conditions for clean fill, with no further restrictions. The subsoil within Area G is not impacted, according to the expedited soil sampling results. Subsurface soil required for removal, due to other construction within this area, is not considered suspect, and, pending no further evidence of concern during removal, may be handled in any manner consistent with normal construction practices. An environmental inspector will be present during all soil excavation, handling, and removal from Area G. Due to the potential for removal of all soil with elevated constituents, confirmatory sampling is planned to be performed according to PADEP Act 2 guidelines following surface soil removal from this area.

3.2.6 Area H

Area H encompasses approximately 1,600 SF of area beneath the existing asphalt parking lot, which contains soil, fill, and debris with elevated PAHs and metals. The identified impacted area lies beneath a proposed ramp from the planned roadway to the existing parking lot. The impacted material within Area H does not require removal for construction of the new roadway. This material will remain beneath the new ramp/roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.7 Area I

Area I encompasses approximately 2,000 SF of area beneath the existing asphalt parking lot, which contains soil, fill and debris with elevated PAHs, metals, VOCs, and PCBs. The identified impacted area lies beneath a proposed ramp from the planned roadway to the existing parking lot. The impacted material within Area I does not require removal for construction of the new

roadway. This material will remain beneath the new ramp/roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.8 Area J

Surface soil within Area J contains elevated concentrations of PCBs, and encompasses an area of approximately 750 SF. The impacted area extends partially beneath the planned roadway and also encompasses an area where a storm sewer utility may be constructed. Surface soils within Area J which do not need to be accessed during construction will be excluded from the construction workers (and trespassers) using temporary fencing. Surface soils within the planned construction zone(s) will be removed as necessary to prepare for the new roadway or utility, stockpiled, and sampled to determine its disposition. The subsoil within Area J is not impacted, according to the expedited soil sampling results. Subsurface soil required for removal, due to other construction within this area, is not considered suspect, and, pending no further evidence of concern during removal, may be handled in any manner consistent with normal construction practices. The Springettsbury Township's contractor for Eden Road will stage the materials and maintain protective covers as necessary. An environmental inspector will be present during all soil excavation, handling, and removal from Area J. Due to the potential for removal of all soil with elevated constituents, confirmatory sampling is planned to be performed according to PADEP Act 2 guidelines following surface soil removal from this area.

3.2.9 Area K

Area K encompasses approximately 3,450 SF of area beneath the existing asphalt parking lot, which contains soil, fill, and debris with elevated PCBs, metals, PAHs, and VOCs. The identified impacted area lies beneath the planned roadway. The impacted material within Area K does not require removal for construction of the new roadway. This material will remain beneath the new roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.10 Area L

Area L encompasses approximately 2,900 SF of area beneath the existing asphalt parking lot, which contains soil, fill, and debris with elevated PAHs, PCBs, metals and VOCs. The identified impacted area lies entirely beneath the planned roadway. The impacted material within Area L does not require removal for construction of the new roadway. This material will remain beneath the new roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.11 Area M

Area M encompasses approximately 1,700 SF of area beneath the existing asphalt parking lot, which contains soil with elevated PAHs and VOCs. The identified impacted area lies entirely beneath the planned roadway. The impacted material within Area M does not require removal for construction of the new roadway. This material will remain beneath the new roadway, will not be disturbed, and will not be addressed further as part of the construction preparations and this interim remedy. Construction preparations for this area consist of breaking the existing asphalt for use as subbase for the new (elevated) road surface. No confirmatory sampling is planned to be performed following surface preparations in this area.

3.2.12 Area N

Area N encompasses approximately 300 SF of area beneath the existing asphalt parking lot, which contains soil with elevated VOCs. The identified impacted area lies outside of the planned roadway, but within a planned stormwater utility pipeline. The impacted material within Area N needs to be removed to install the new stormwater pipe. Only material required for removal to install the pipe will be excavated, stockpiled, and sampled for off-site disposal. Clean imported soil or construction materials will be used to backfill the excavation and the surface asphalt will be repaired following installation of the pipe. No confirmatory sampling is planned to be performed following surface preparations in this area.

4.0 REFERENCES

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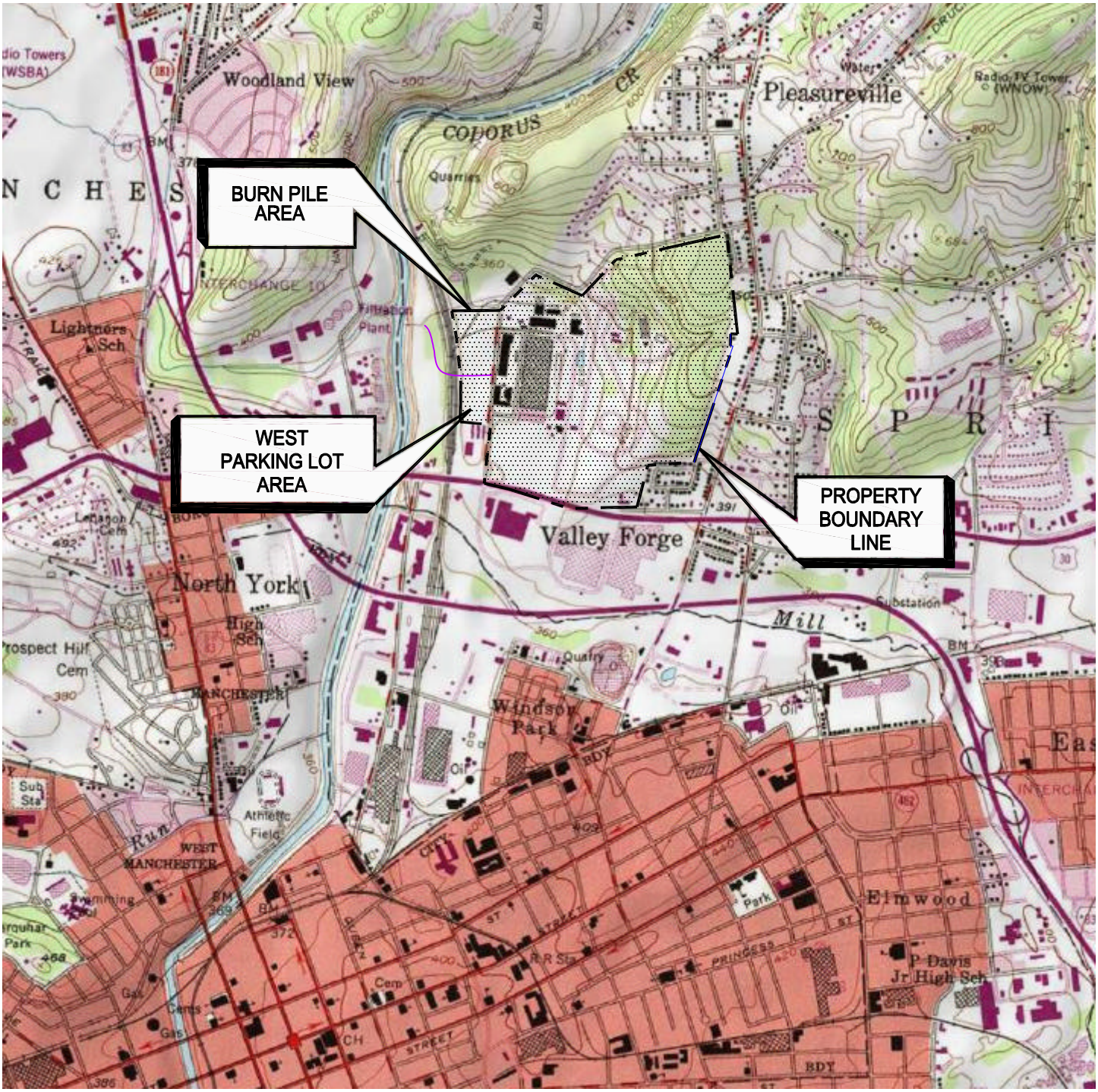
United States Environmental Protection Agency, 1992. Supplemental Guidance to RAGS: Calculating the Concentration Term. Office of Solid Waste and Emergency Response. Publication 9285.7-081.

FIGURES/PLATES

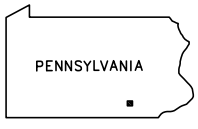


NOTE: BASE MAP FROM THE YORK PA., USGS 7 1/2 MIN TOPOGRAPHIC QUADRANGLE (PR 1990).

2000' 0 2000'

SCALE IN FEET

N



QUADRANGLE LOCATION

HARLEY-DAVIDSON MOTOR COMPANY OPERATIONS, INC.
YORK, PA FACILITY

SITE LOCATION MAP

drawn RAM	checked SLM	approved SMS	figure no. 1
date 03/27/03	date 03/03/04	date 03/03/04	
job no. 01-1633-00-5524-607		file no. 5524-001.dwg	

Science Applications International Corporation
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TABLES

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-8-3 4-6 6/17/1991	BPA-SG2a 1.5-2 12/2/1999	BPA-SG2b 2-2.5 12/2/1999	BPA-SG11 0-2 12/2/1999	BPA-SG73 0-2 12/2/1999	BPA-SG74a 1.5-2 12/2/1999	BPA-SG74b 2.5-3 12/2/1999	BPA-SG75a 1.5-2 12/2/1999	BPA-SG75b 3-3.5 12/2/1999	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	141	1.17	1.03	ND	7.49	ND	42.1	ND	1,100	190,000	0.6	27	410
Arsenic	ND	4.89	5.25	5.74	16.6	21.6	6.95	8.87	6.77	53	190,000	5	150	1.9
Beryllium	0.7	0.296	0.563	0.623	0.918	0.39	0.671	0.507	0.685	5,600	190,000	0.4	320	2,000
Cadmium	ND	1.89	0.424	0.695	0.936	14.8	0.576	164	0.394	210	190,000	0.5	38	510/1,000
Chromium, total	25	13.7	7.92	14	14	312	21.9	4,200	14.3	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	ND	ND	ND	ND	17.7	ND	41	ND	420	190,000	10	190	3,100
Copper	16	169	12	59.2	39.1	590	15	541	14.2	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	0.858	ND	ND	1.08	0.193	NR	NR	NR	NR	NR
Cyanide, free	ND	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	23	114	17	251	21.2	428	20	6,230	18	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	ND	ND	4.68	ND	5.98	ND	840	190,000	0.2	10	NR
Nickel	16	18.1	3.61	9.57	30.5	742	13.2	125	10.6	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	0.914	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	50	203	21.2	81.3	89.9	3,160	73	3,430	42.1	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	NA	0.015	0.0222	0.0211	0.0139	0.0775	0.0684	0.0846	0.0697	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.0516	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	0.0141	ND	0.0103	ND	3.04	2.81	1.08	0.638	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	0.0286	ND	0.0178	0.00831	1.5	1.73	1.06	0.633	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA TP-1a 1-1.5 12/7/1999	BPA TP-1a 1.5-2 12/7/1999	BPA TP-1b 2-2.5 12/7/1999	BPA TP-1c 12-12.5 12/7/1999	BPA TP-2a 2.5-3 12/7/1999	BPA TP-2b 3-3.5 12/7/1999	BPA TP-2c 11.5-12 12/7/1999			ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Subsurface Soil (2 - 15 Feet)	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS SOIL to GW - USED AQUIFER 100 x GW MSC	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND			1,100	190,000	0.6	27	410
Arsenic	11.5	13.2	5.83	4.86	1.37	6.72	5.75			53	190,000	5	150	1.9
Beryllium	0.595	0.478	0.564	0.453	0.348	0.826	0.655			5,600	190,000	0.4	320	2,000
Cadmium	25.2	50	ND	0.233	1.26	0.305	ND			210	190,000	0.5	38	510/1,000
Chromium, total	205	235	11.9	18.5	8.53	13.7	18.8			190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND			420	190,000	10	190	3,100
Copper	957	511	8.66	22.7	5.39	18.9	15.9			100,000	190,000	100	36,000	41,000
Cyanide, total	ND	0.727	0.119	ND	ND	ND	ND			NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA			56,000	190,000	20	200	20,000
Lead	307	317	10.7	11.6	10.9	21.6	12.3			1,000	190,000	0.5	450	NR
Mercury	0.293	0.153	ND	ND	ND	ND	ND			840	190,000	0.2	10	NR
Nickel	49.2	57.9	5.32	12	3.27	8.9	11.4			56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND			14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND			14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND			200	190,000	0.2	14	72
Zinc	834	732	21.5	39.8	45.6	51.9	39.5			190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.0154	0.0169	0.0234	0.0453	0.0175	0.0171	0.0122			10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND			210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND			17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND			1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND			63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND			33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND			1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND			3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND			210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND			NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND			3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND			28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.0248	0.0393	ND	ND	ND	ND	ND			1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND			100	120	0.5	0.15	50
Trichloroethene (TCE)	0.131	0.179	ND	ND	ND	0.0156	ND			970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND			NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND			53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	ERB-14 13.5 4/18/2002	ERB-15 14.0 4/19/2002	ERB-16 18.0 4/18/2002	ERB-17 18.0 4/18/2002	ERB-18 16.0 4/19/2002	ERB-19 16.0 4/19/2002	ERB-20 13.0 4/18/2002	ERB-21 5.0 4/24/2002	ERB-21 (DUP) 5.0 (DUP) 4/24/2002	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	<1.1	<1.1	<1.1	<1.0	<1.1	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	3.2	7.6	5.6	6.3	ND	ND	8.2	6.4	7.1	53	190,000	5	150	1.9
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	20	25	21	19	29	11	23	27	27	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	190,000	10	190	3,100
Copper	17	14	17	15	11	6.3	17	23	25	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	11	14	12	12	13	9.5	14	15	13	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	840	190,000	0.2	10	NR
Nickel	17	14	17	13	11	6.3	13	17	18	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	1.2	14,000	190,000	10	84	5,100
Thallium	ND	ND	3.4	3.1	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	54	42	47	41	29	23	47	51	52	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	0.0098 (J)	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	0.017 (J)	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	0.041(J)	0.053 (J)	1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.0086 (J)	ND	ND	0.012 (J)	0.024 (J)	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	0.064	0.034 (J)	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	ERB-22 7.0 4/24/2002	ERB-23 9.0 4/24/2002	ERB-24 3.0 4/24/2002							ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND							1,100	190,000	0.6	27	410
Arsenic	7.2	5.5	4.8							53	190,000	5	150	1.9
Beryllium	ND	ND	ND							5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND							210	190,000	0.5	38	510/1,000
Chromium, total	30	20	13							190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA							420	190,000	10	190	3,100
Copper	25	19	7							100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND							NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA							56,000	190,000	20	200	20,000
Lead	15	9.9	9.4							1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND							840	190,000	0.2	10	NR
Nickel	18	16	4.8							56,000	190,000	10	650	20,000
Selenium	ND	ND	ND							14,000	190,000	5	26	5,100
Silver	ND	0.55	ND							14,000	190,000	10	84	5,100
Thallium	ND	ND	ND							200	190,000	0.2	14	72
Zinc	57	48	18							190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND							10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND							210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND							10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND							10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND							17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND							10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND							1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND							63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND							33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND							1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND							3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND							210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND							10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND							NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND							3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND							28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND							1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND							10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND							10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND							100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	0.035 (J)							970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND							NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND							53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND							10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-01 0-2 2/11/2004	BPA-SB-01 5-7 2/11/2004	BPA-SB-02 0-2 2/11/2004	BPA-SB-02 4-6 2/11/2004	BPA-SB-02 10-12 2/11/2004	BPA-SB-03 0-2 2/11/2004	BPA-SB-03 4-6 2/11/2004	BPA-SB-04 0-2 2/4/2004	BPA-SB-04 2-4 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	6.8	4.5	4.8	6.0	4.2	6.0	6.8	4.1	18.6	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.75	0.45	0.6	0.62	0.42	0.6	0.81	0.54	0.93	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	0.08 B	ND	0.07 B	ND	ND	0.6	0.051	1.5	0.14 B	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	13	17.7	16.7	19.9	13.0	25.9	25.4	16.7	20.6	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	14.1	19	48.1	17	15.5	24.3	23.4	21.0	11.4	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	20.7	10.2	32.8	11.8	9.6	55.3	13.2	37.5	13.9	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	0.04 B	ND	0.05	0.03 B	ND	0.06	ND	0.02 B	0.02 B	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	9.8	12.7	8.2	12.5	11.8	8.5	15.1	8.5	8.3	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	75.8	37.8	69.7	41.3	35.7	74.2	50.7	68.6	13.9	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	0.068	0.071	0.057	0.075	0.053	0.042	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
2-Butanone (MEK)	ND	ND	ND	0.0063	0.0087	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	0.0043 J	0.017	ND	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.0005 J	0.0004 J	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	160	43	1.0	0.049	0.030	0.0	0.010	ND	0.0022	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	0.0013 J	0.0012 J	ND	ND	ND	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	26	4.9	0.58	0.065	0.069	0.034	0.025	0.0007 J	0.0039	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	0.0014 J	0.0011 J	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-05 0-2 2/11/2004	BPA-SB-05 2-4 2/11/2004	BPA-SB-06 0-2 2/4/2004	BPA-SB-06 2-4 2/4/2004	BPA-SB-07 0-2 2/10/2004	BPA-SB-07 4-6 2/10/2004	BPA-SB-07 12-14 2/10/2004	BPA-SB-08 0-2 2/10/2004	BPA-SB-08 4-6 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	1.7	ND	ND	0.82 B	ND	1,100	190,000	0.6	27	410
Arsenic	4.9	3.5	5.0	7.6	6.2	7.7	4.3	6.5	6.9	53	190,000	5	150	1.9
Beryllium	0.58	0.59	0.51	0.75	0.6	0.69	0.6	0.71	0.47 B	5,600	190,000	0.4	320	2,000
Cadmium	1.4	ND	0.26 B	0.24 B	1.9	ND	ND	0.73	ND	210	190,000	0.5	38	510/1,000
Chromium, total	23	9	17.2	20.8	53.3	24.4	15.2	90.4	24.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	16.5	ND	420	190,000	10	190	3,100
Copper	42.5	4.3	13.8	19.4	78.4	20.3	16.1	43.9	22.6	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	48.1	10.4	32.8	46.1	215	13.8	11.0	84.6	18.3	1,000	190,000	0.5	450	NR
Mercury	0.03 B	0.04	0.05	0.08	0.07	0.01 B	ND	0.06	0.00 B	840	190,000	0.2	10	NR
Nickel	11.3	4.6 B	6.0	12.2	16.5	14.7	17.3	12.6	15.0	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	0.24 B	ND	ND	ND	0.47 B	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	142	16.1	46.9	30.6	424	51.9	51.0	568.0	55.8	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.046	0.062	ND	ND	ND	0.15	0.071	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	0.016	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	0.16 J	0.0022 J	0.0018 J	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	0.0006 J	0.0007 J	ND	ND	0.0004 J	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.0007 J	0.0081	0.0062	0.0093	1.8	0.043	0.023	130	1.0	1,500	3,300	0.5	0.43	5.3
Toluene	0.0020 J	0.0021 J	ND	ND	ND	0.0014 J	0.0016 J	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0	0.0067	0.0054	0.010	4.3	0.052	0.045	92	0.610	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	0.0022 J	0.0026 J	ND	ND	0.0014 J	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
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Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-08 7-9 2/10/2004	BPA-SB-09 0-2 2/10/2004	BPA-SB-09 5-7 2/10/2004	BPA-SB-09 11-13 2/10/2004	BPA-SB-10 0-2 2/9/2004	BPA-SB-10 10-12 2/9/2004	BPA-SB-11 0-2 2/10/2004	BPA-SB-11 2-4 2/10/2004	BPA-SB-11 7-9 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	1.0 B	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	4.9	5.9	7.1	5.4	10.3	5.3	6.4	7.0	4.3	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.44	1.0	0.56	0.51	1.0	0.50	0.62	0.68	0.41	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	ND	ND	ND	ND	ND	0.57 B	ND	ND	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	18.3	16.2	23.5	16.3	36.5	18.9	31.9	22.0	15.7	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	18.8	21.2	21.8	18.4	38.5	20.8	98.2	18.7	17.3	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	10.3	15.8	13.1	11.1	26.9	11.8	63.3	13.7	9.6	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	0.02 B	ND	0.03 B	ND	ND	ND	0.06	0.02 B	ND	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	13.8	17.3	14.7	13.2	25.3	13.6	11.7	14.0	12.6	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	ND	ND	4.1	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	45.8	71.2	52.5	44.7	97.2	49.0	265	50.6	59.1	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	0.074	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
2-Butanone (MEK)	ND	ND	ND	ND	0.011	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	0.19 J	ND	ND	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	1.2	1.5	0.23	0.66	0.0099	0.055 J	50	0.58	31	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	ND	0.0014 J	ND	ND	ND	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	1.9	5.8	0.73	5.6	0.081	0.81	120	1.2	26	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-12 0-2 2/10/2004	BPA-SB-12 4-6 2/10/2004	BPA-SB-13 0-2 2/11/2004	BPA-SB-13 2-4 2/11/2004	BPA-SB-13 5-7 2/11/2004	BPA-SB-14 0-2 2/4/2004	BPA-SB-14 2-4 2/4/2004	BPA-SB-15 0-2 2/10/2004	BPA-SB-15 2-3 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	0.46 B	ND	2.7	ND	1,100	190,000	0.6	27	410
Arsenic	3.4	5.2	5.3	4.1	5.7	5.9	4.4	21.2	7.3	53	190,000	5	150	1.9
Beryllium	0.46	0.60	0.38	0.55	0.53	0.45	0.58	0.89	0.58	5,600	190,000	0.4	320	2,000
Cadmium	0.16 B	ND	0.96	ND	ND	1.5	ND	0.09 B	ND	210	190,000	0.5	38	510/1,000
Chromium, total	11.8	19.3	13.8	12.0	19	23.2	13.0	16.8	24.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	22.0	18.1	45.8	5.7	20.3	38.0	6.0	68.8	22.3	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	55.0	12.5	41	11.7	11	80.6	13.3	114	13.9	1,000	190,000	0.5	450	NR
Mercury	0.04 B	0.10	0.19	0.06	ND	0.07	0.03 B	0.97	0.03 B	840	190,000	0.2	10	NR
Nickel	7.5	12.8	8.8	5.2	12.4	11.5	6.3	13.8	14.0	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	0.09 B	ND	ND	0.13 B	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	48.6	44.0	76.7	18.5	38.5	95.0	24.0	135.0	62.6	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	0.056	0.062	0.062	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	0.0046 J	0.0048 J	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	0.0011 J	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	0.0005 J	0.0006 J	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.88	0.13	0.014	0.021	0.0043	0.0014	0.016	1.7	0.63	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	0.0011 J	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.540	0.16	0.0021	0.0025	0.0022	0.0032	0.010	0.48	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	0.0022 J	0.0023 J	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
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Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-15 5-7 2/10/2004	BPA-SB-16 0-2 2/10/2004	BPA-SB-16 2-4 2/10/2004	BPA-SB-16 10-12 2/10/2004	BPA-SB-17 0-2 2/4/2004	BPA-SB-17 5-7 2/4/2004	BPA-SB-18 0-2 2/4/2004	BPA-SB-18 5-7 2/4/2004	BPA-SB-19 0-2 2/3/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	6.4	4.9	5.6	4.2	5.1 B	5.7 B	6.1 B	4.7 B	4.4	53	190,000	5	150	1.9
Beryllium	0.59	0.77	0.75	0.5	0.50 B	0.59	0.75	0.49	0.53	5,600	190,000	0.4	320	2,000
Cadmium	ND	0.15 B	ND	ND	1.6	ND	48.4	0.21 B	0.55 B	210	190,000	0.5	38	510/1,000
Chromium, total	21.6	14.8	20.4	15.2	20.7	20.3	71.8	26.0	11.9	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	17.0	3.5	ND	420	190,000	10	190	3,100
Copper	22.0	66.8	17.4	17.8	39.4	19.6	52.1	19.8	13.2	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	12.2	23.9	14.6	10.8	52.2	11.4	27.5	10.3	19.5	1,000	190,000	0.5	450	NR
Mercury	0.01 B	0.05	0.01 B	0.01 B	0.04 B	ND	0.04	ND	0.05	840	190,000	0.2	10	NR
Nickel	13.9	10.5	12.6	13.0	10.1 B	13.0	11.0	12.9	6.8	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	0.23 B	ND	ND	ND	0.46 B	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	122.0	120	73.0	44.3	116.0	39.9	92.2	41.0	38.8	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	0.14	0.027	ND	ND	0.053	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	0.0015 J	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	0.0049	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.10 J	0.52 J	ND	0.30 J	ND	0.0005 J	ND	ND	0.0031 J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	1.1	4.7	1.1	1.3	0.014	0.015	83	1.0	0.0005 J	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	0.0015 J	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	0.38 J	ND	ND	0.0018 J	ND	8.9	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.18	5.4	0.18	0.28	0.012	0.0083	20	ND	0.0056	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-19 2-4 2/3/2004	BPA-SB-19 5-7 2/3/2004	BPA-SB-20 0-2 2/11/2004	BPA-SB-20 5-7 2/11/2004	BPA-SB-21 0-2 2/9/2004	BPA-SB-21 4-6 2/9/2004	BPA-SB-21 6-8 2/9/2004	BPA-SB-22 0-2 2/9/2004	BPA-SB-22 6-8 2/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	0.79 B	ND	1,100	190,000	0.6	27	410
Arsenic	3.0 B	6.3 B	5.4	6.7	4.8	4.9	3.9	5.0	4.1	53	190,000	5	150	1.9
Beryllium	0.66	0.65	0.57	0.61	0.54	0.57	0.77	0.50	0.74	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	0.20 B	ND	0.39 B	ND	ND	1.8	ND	210	190,000	0.5	38	510/1,000
Chromium, total	8.8	22.70	14.4	27.9	21.1	13.6	16.4	31.2	17.4	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	5.3 B	21.30	74.2	21.9	25.9	7.3	10.5	70.3	10.8	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	14.9	11.90	35.4	12.7	37.5	9.7	13.4	65.7	13.2	1,000	190,000	0.5	450	NR
Mercury	ND	ND	0.07	ND	0.10	ND	ND	0.06	ND	840	190,000	0.2	10	NR
Nickel	5.5 B	13.40	10.5	15.4	10.2	6.9	11.0	16.6	10.8	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	0.26 B	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	31.1	41.70	70.2	51.8	95.6	24.3	44.1	169	40.9	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.040	0.049	0.053	0.060	0.033	0.032	0.031	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	0.0014	0.0016	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	0.0011 J	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0012 J	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.023	0.0047	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	0.0017 J	0.0015 J	0.0015 J	0.0012 J	0.0014 J	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0062	0.0008 J	0.0	0.0010 J	0.011	0.013	0.012	0.16	0.010	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-23 0-2 2/9/2004	BPA-SB-23 4-6 2/9/2004	BPA-SB-23 6-8 2/9/2004	BPA-SB-24 0-2 2/5/2004	BPA-SB-24 2-4 2/5/2004	BPA-SB-24 7-9 2/5/2004	BPA-SB-25 0-2 2/5/2004	BPA-SB-25 7-9 2/5/2004	BPA-SB-26 0-2 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	0.46 B	ND	ND	0.53 B	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.2	2.0	6.3	5.9	5.2	4.4	4.8	7.7	8.5	53	190,000	5	150	1.9
Beryllium	0.62	0.36	0.71	0.55	0.55	0.75	0.49	0.69	0.65	5,600	190,000	0.4	320	2,000
Cadmium	0.30 B	ND	ND	0.72	0.12 B	ND	0.78	0.09 B	0.36 B	210	190,000	0.5	38	510/1,000
Chromium, total	21.1	8.6	22.8	24.1	14.3	18.3	23.0	27.9	21.8	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	20.0	3.3	18.1	34.9	12.3	11.2	30.0	22.9	421	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	28.9	9.6	13.7	39.7	13.1	10.8	39.7	12.1	50.0	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	0.06	0.06	ND	0.06	ND	0.06	840	190,000	0.2	10	NR
Nickel	9.4	3.8 B	13.2	9.9	7.2	11.8	9.2	15.9	23.8	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	0.44 B	ND	ND	0.27 B	ND	0.39 B	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	85.9	10.8	47.2	92.4	37.6	39.2	98.2	48.5	135	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.040	0.030	0.036	0.044	ND	0.096	0.074	0.074	0.029	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	0.0009 J	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	0.0049	0.0041 J	0.0051 J	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	0.0010 J	0.0007 J	0.0005 J	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.0003 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	0.0007 J	ND	ND	0.0004 J	1,500	3,300	0.5	0.43	5.3
Toluene	0.0026 J	0.0010 J	0.0011 J	ND	ND	ND	0.0006 J	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0055	0.020	0.018	0.032	8.2	0.18	0.035	0.022	0.012	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	0.0034 J	0.0024 J	0.0015 J	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-26 2-4 2/4/2004	BPA-SB-27 0-2 2/4/2004	BPA-SB-27 2-4 2/4/2004	BPA-SB-28 0-2 2/5/2004	BPA-SB-28 4-6 2/5/2004	BPA-SB-28 6-8 2/5/2004	BPA-SB-29 0-2 2/5/2004	BPA-SB-29 5-7 2/5/2004	BPA-SB-29 8-10 2/5/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	0.50 B	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.2 B	5.8 B	3.1	5.7	6.3	5.5	5.5	5.0	6.4	53	190,000	5	150	1.9
Beryllium	0.50	0.58	0.34	0.55	0.22 B	0.48	0.56	0.53	0.60	5,600	190,000	0.4	320	2,000
Cadmium	ND	0.29 B	ND	0.50 B	1.8	0.05 B	0.77	ND	0.11 B	210	190,000	0.5	38	510/1,000
Chromium, total	11.2	49.5	12.0	20.4	111	18.1	26.7	10.3	27.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	6.0 B	92.4	5.6	20.3	166	11.9	65.5	6.5	23.6	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	1.1	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	9.9	37.1	9.4	27.4	46.0	13.6	44.8	19.7	12.1	1,000	190,000	0.5	450	NR
Mercury	ND	0.15	ND	0.03 B	0.25	0.03 B	0.05	ND	ND	840	190,000	0.2	10	NR
Nickel	6.7 B	55.7	5.8	10.5	41.0	9.3	17.0	5.9	16.5	56,000	190,000	10	650	20,000
Selenium	ND	1.2 B	ND	ND	ND	ND	ND	ND	0.66	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	0.35 B	1.1 B	0.96 B	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	15.10	76.7	8.9	85.20	94.6	32.8	121	33.3	51.5	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.030	0.039	ND	0.040	0.027	0.050	0.082	0.060	0.064	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.0019 J	ND	ND	ND	0.0006 J	0.0004 J	0.0014 J	0.0035 J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	0.0006 J	ND	ND	0.0009 J	ND	0.0003 J	0.0004 J	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0004 JB	0.0005 JB	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.0008 J	0.0040	0.0016	ND	0.0004 J	ND	0.0017	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	0.0004 J	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	0.0004 J	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0091	0.078	0.0074	0.0012	0.0038	0.0091	0.0072	0.0070	0.014	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	0.0020 J	ND	ND	0.0032 J	ND	0.0014 J	0.0016 J	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-30 0-2 2/5/2004	BPA-SB-30 5-7 2/5/2004	BPA-SB-30 10-12 2/5/2004	BPA-SB-31 0-2 2/5/2004	BPA-SB-31 4-6 2/5/2004	BPA-SB-31 6-8 2/5/2004	BPA-SB-32 0-2 2/4/2004	BPA-SB-32 2-4 2/4/2004	BPA-SB-32 6-8 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.5	46.9	6.8	4.5	3.6	4.4	5.4 B	4.9 B	7.0	53	190,000	5	150	1.9
Beryllium	0.47	0.54	0.62	0.51	0.46	0.90	0.49 B	0.59	0.63	5,600	190,000	0.4	320	2,000
Cadmium	1.0	6.7	0.11 B	1.6	ND	0.05 B	0.35 B	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	30.1	91.0	26.7	29.1	10.1	14.7	20.7	10.5	30.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	62.8	55.5	23.7	33.2	4.8	11.9	38.6	6.5	20.9	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	35.7	85.7	12.4	40.6	9.2	16.5	85.0	10.4	11.9	1,000	190,000	0.5	450	NR
Mercury	0.05	0.16	ND	0.06	0.02 B	0.06	0.04 B	ND	ND	840	190,000	0.2	10	NR
Nickel	15.6	11.6	15.3	9.0	8.5	12.3	12.4	4.5 B	14.2	56,000	190,000	10	650	20,000
Selenium	ND	3.9	0.51 B	ND	0.47 B	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	0.81 B	1.1 B	0.10 B	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	83.4	165	48.4	68.0	11.8	53.3	68.2	15.7	44.7	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.085	0.23	0.077	0.040	ND	ND	0.037	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	0.0017	0.0017	ND	0.0004 J	ND	ND	0.0008 J	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	0.0056	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0009 J	0.0024 J	ND	0.0007 J	ND	ND	0.0004 J	0.0016 J	0.0013 J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	0.0003 J	ND	0.0006 J	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0005 JB	ND	ND	ND	ND	ND	ND	0.0003 JB	0.0004 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.0014	ND	ND	0.0005 J	ND	0.0013	0.0012	0.0092	0.0007 J	1,500	3,300	0.5	0.43	5.3
Toluene	0.0013 J	ND	ND	0.0020 J	ND	ND	0.0007 J	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	0.0004 J	0.0026 J	0.0004 J	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.013	0.0055	0.0010 J	0.0072	0.0032	0.015	0.014	0.092	0.014	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	0.0018 J	ND	0.0019 J	0.0008 J	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-33 0-2 2/2/2004	BPA-SB-33 6-8 2/2/2004	BPA-SB-34 0-2 2/2/2004	BPA-SB-34 4-6 2/2/2004	BPA-SB-34 7-9 2/2/2004	BPA-SB-35 0-2 2/5/2004	BPA-SB-35 4-6 2/5/2004	BPA-SB-35 7-9 2/5/2004	BPA-SB-36 0-2 2/5/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	1.9 B	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	4.9	6.8	4.9	6.2	7.1	4.4	6.0	5.4	9.2	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.45	0.63	0.58	0.60	0.73	0.54	0.52	0.83	0.82	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	3.1	ND	1.6	ND	ND	0.15 B	ND	ND	8.0	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	23.5	24.4	27.8	16.0	19.6	9.6	14.2	23.1	152	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	3.3	ND	2.4	ND	ND	ND	ND	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	20.7	20.6	82.8	7.9	17.2	11.9	7.8	20.6	655	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	48.8	10.4	54.6	10.2	17.4	18.7	8.7	12.8	303	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	0.08	0.03 B	0.08	0.02 B	0.05	0.06	0.02 B	0.03 B	0.02 B	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	6.1	13.9	15.9	7.2	12.3	4.9	5.3	15.6	122	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	0.69	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	0.13 B	ND	13.2	ND	ND	ND	ND	1.8	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	106	47.2	151	18.8	56.7	27.0	15.2	49.6	1110	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	0.029	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	0.0007 J	ND	ND	ND	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	ND	ND	0.0009 J	ND	ND	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	ND	ND	0.0058	0.0027	0.0041	0.016	0.0011	0.0038	0.016	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**ND**	**ND**	**ND**	**990**	**200,000**

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-36 4-6 2/5/2004	BPA-SB-36 6-8 2/5/2004	BPA-SB-37 0-2 2/9/2004	BPA-SB-37 9-11 2/9/2004	BPA-SB-38 0-2 2/9/2004	BPA-SB-38 7-9 2/9/2004	BPA-SB-39 0-2 2/9/2004	BPA-SB-39 2-4 2/9/2004	BPA-SB-39 6-8 2/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	0.94 B	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.1	6.1	5.0	6.1	5.0	3.9	4.5	4.6	5.4	53	190,000	5	150	1.9
Beryllium	0.53	0.58	0.48	0.50	0.55	0.85	0.31	0.58	0.51	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	ND	0.49 B	ND	0.87	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	9.6	25.0	20.2	32.6	29.9	14.8	30.2	10.3	21.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	8.1	23.9	16.2	26.2	31.5	9.4	29.4	8.8	22.0	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	0.66	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	17.7	11.8	17.7	12.2	51.5	13.7	33.9	11.0	10.7	1,000	190,000	0.5	450	NR
Mercury	0.04 B	ND	0.05	ND	0.07	ND	0.06	ND	ND	840	190,000	0.2	10	NR
Nickel	4.5 B	15.7	9.7	15.6	11.4	10.2	10.0	5.5	14.9	56,000	190,000	10	650	20,000
Selenium	0.50 B	ND	ND	ND	0.87 B	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	20.3	47.2	50.0	50.6	107	39.3	67.8	19.6	47.0	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.041	0.057	0.056	0.030	0.043	0.068	0.024	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	0.0008 J	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	0.0007 J	ND	0.0003 J	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	0.0003 J	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	0.0014 J	0.0013 J	ND	0.0012 J	0.0013 J	0.0010 J	0.0016 J	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.029	0.015	0.0022	0.0027	0.0023	ND	0.0037	0.0047	0.0025	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-40 0-2 2/2/2004	BPA-SB-40 4-6 2/2/2004	BPA-SB-40 7-9 2/2/2004	BPA-SB-41 0-2 2/2/2004	BPA-SB-41 4-6 2/2/2004	BPA-SB-41 7-9 2/2/2004	BPA-SB-42 0-2 2/2/2004	BPA-SB-42 4-6 2/2/2004	BPA-SB-42 7-9 2/2/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.6	5.0	5.1	5.2	5.2	5.1	5.2	4.5	4.6	53	190,000	5	150	1.9
Beryllium	0.54	0.7	0.66	0.6	0.76	0.85	0.61	0.55	0.94	5,600	190,000	0.4	320	2,000
Cadmium	0.22 B	ND	ND	0.76	ND	ND	ND	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	13.2	14.4	21.0	16.4	11.6	9.7	12.6	11.7	17.3	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	37.5	6.6	15.1	30.9	6	7.6	13.9	6.0	10.3	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	32.2	10.7	10.0	36.4	11.7	12.0	18.2	9.1	15.6	1,000	190,000	0.5	450	NR
Mercury	0.05	ND	ND	0.05	0.02 B	0.08	0.05	ND	ND	840	190,000	0.2	10	NR
Nickel	7.3	6.6	14.2	8.3	4.9	8.8	5.9	5.8	11.4	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	1.1	ND	ND	0.20 B	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	75.6	21.3	42.7	72.9	16.1	38.8	35.4	20.7	37.2	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.036	ND	0.043	0.029	ND	0.034	0.033	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	0.0009 J	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0079	0.0012	ND	ND	ND	ND	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-43 0-2 2/2/2004	BPA-SB-43 5-7 2/2/2004	BPA-SB-44 0-2 2/2/2004	BPA-SB-44 5-7 2/2/2004	BPA-SB-44 8-10 2/2/2004	BPA-SB-45 0-2 2/3/2004	BPA-SB-45 5-7 2/3/2004	BPA-SB-45 7-9 2/3/2004	BPA-SB-46 0-2 2/3/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	5.1	7.1	5.6	4.9	5.9	5.1	4.8	5.2	5.2	53	190,000	5	150	1.9
Beryllium	0.47	0.62	0.56	0.69	0.74	0.55	0.42	0.60	0.49	5,600	190,000	0.4	320	2,000
Cadmium	0.05 B	ND	0.75	ND	ND	0.40 B	ND	ND	0.64	210	190,000	0.5	38	510/1,000
Chromium, total	11.4	14.5	25.0	11.1	20.3	24.5	10.2	6.9	26.5	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	10.2	8.1	25.8	7.1	13.8	17.1	3.9	8.6	23.7	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	31.6	9.7	46.7	12.4	10.7	25.9	9.3	19.6	38.9	1,000	190,000	0.5	450	NR
Mercury	0.05	0.02 B	0.07	0.05	0.02 B	0.05	0.04	0.03 B	ND	840	190,000	0.2	10	NR
Nickel	4.4 B	6.1	11.3	6.3	11.7	8.9	3.9 B	4.3 B	8.8	56,000	190,000	10	650	20,000
Selenium	ND	0.51 B	ND	ND	ND	ND	0.83	ND	0.55 B	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	0.09 B	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	29.9	16.4	100	22.9	36.2	57.5	16.3	27.6	92.0	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.024	ND	0.051	0.031	ND	0.093	ND	0.040	0.049	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND	ND	ND	0.0091	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	0.0039 J	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	0.0008 J	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	0.0020	ND	ND	0.0059	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-46 3-5 2/3/2004	BPA-SB-46 6-8 2/3/2004	BPA-SB-47 0-2 2/11/2004	BPA-SB-47 4-6 2/11/2004	BPA-SB-48 0-2 2/17/2004	BPA-SB-48 5-7 2/17/2004	BPA-SB-49 0-2 2/17/2004	BPA-SB-49 5-7 2/17/2004	BPA-SB-50 0-2 2/17/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	6.1	2.4 B	4.4	6.1	6.3	6.7	4.7	6.2	6.3	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.65	0.54	0.47	0.80	0.48	0.56	0.48	0.57	0.80	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	ND	0.10 B	ND	1.8	0.05 B	0.21 B	ND	0.10 B	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	13.1	6.2	21.4	20.1	18.8	24.8	10.7	24.5	15.7	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	9.0	4.5	28.8	17.2	69.7	22.6	8.8	22.1	15.7	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	0.63	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	9.9	7.9	18.3	14.3	34.7	13.5	13.5	12.6	21.4	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	0.05	ND	0.06	ND	0.05	ND	ND	ND	ND	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	6.5	3.5 B	17.9	13.8	9.1	15.2	4.5 B	15	11.2	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	15.6	12.1	32.3	47.3	110.0	52.5	22.6	49.8	53.2	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	0.028	0.054	0.046	0.056	0.044	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	0.0012 J	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	0.0008 J	ND	ND	0.0006 JB	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	ND	0.0006 J	0.0006 J	0.007	0.031	ND	0.0039	210	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	ND	0.0012 JB	0.0012 JB	0.0008 JB	0.0010 J	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	0.015	ND	0.0013 J	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	ND	ND	0.0015	0.0006 J	0.022	0.017	0.0006 J	0.0031	14	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**ND**	**ND**	**ND**	**990**	**200,000**

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-50 5-7 2/17/2004	BPA-SB-50 12-14 2/17/2004	BPA-SB-51 0-2 2/17/2004	BPA-SB-51 5-7 2/17/2004	BPA-SB-52 0-2 2/17/2004	BPA-SB-52 6-8 2/17/2004	BPA-SB-53 0-2 3/9/2004	BPA-SB-53 7-9 3/9/2004	BPA-SB-54 0-1 3/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	0.99 B	ND	ND	ND	NA	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	5.4	7.5	4.9	5.4	2.6 B	6	4.4	5	NA	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.52	0.63	0.71	0.52	0.29	0.52	0.60	0.43	NA	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	0.06 B	18.3	0.36 B	0.09 B	ND	0.47 B	ND	NA	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	20.7	24	22.6	20.1	9.4	22.1	13.4	15.2	NA	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	NA	**420**	**190,000**	**10**	**190**	**3,100**
Copper	21.6	23.4	26.2	20.3	99.6	23.4	23.8	17.7	NA	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	3.1	0.8	ND	ND	ND	ND	NA	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	11	13.9	40.4	11.5	27.1	10.5	35.9	9.9	NA	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	ND	ND	0.19	ND	NA	NA	0.06	ND	NA	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	13.5	16.6	12.0	14	6.5	14.2	7.3	11.9	NA	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	0.58 B	ND	0.67	NA	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	1.1 B	ND	ND	ND	NA	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	NA	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	48.9	50.2	139	43.8	167	44.8	54.7	37.5	NA	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	0.031	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	0.0009 J	0.0024 J	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.001 J	0.0048 J	1.1	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	0.0017 JB	0.0018 JB	0.0005 JB	0.0006 JB	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	4100	0.062	5.3	1.2	0.15	0.032	0.06	0.016	4.7	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	0.0009 JB	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	110	0.013	0.63	0.25	0.13	0.029	0.068	0.032	7.8	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	0.0012 J	ND	ND	ND	**ND**	**ND**	**ND**	**990**	**200,000**

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 1.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-54 8-9 3/12/2004	BPA-SB-55 0-2 3/12/2004	BPA-SB-55 2-4 3/12/2004							ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	NA	ND	NA							1,100	190,000	0.6	27	410
Arsenic	NA	6.4	NA							53	190,000	5	150	1.9
Beryllium	NA	0.5	NA							5,600	190,000	0.4	320	2,000
Cadmium	NA	ND	NA							210	190,000	0.5	38	510/1,000
Chromium, total	NA	16.7	NA							190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	ND	NA							420	190,000	10	190	3,100
Copper	NA	15.1	NA							100,000	190,000	100	36,000	41,000
Cyanide, total	NA	1.6	NA							NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA							56,000	190,000	20	200	20,000
Lead	NA	16.5	NA							1,000	190,000	0.5	450	NR
Mercury	NA	0.05	NA							840	190,000	0.2	10	NR
Nickel	NA	7.3	NA							56,000	190,000	10	650	20,000
Selenium	NA	0.65	NA							14,000	190,000	5	26	5,100
Silver	NA	ND	NA							14,000	190,000	10	84	5,100
Thallium	NA	ND	NA							200	190,000	0.2	14	72
Zinc	NA	29.1	NA							190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	0.027							10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND							210	240	0.5	0.13	52
2-Butanone (MEK)	ND	ND	ND							10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND							10,000	10,000	410	350	102,200
Chloroform	ND	ND	ND							17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND							10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND							1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND							63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND							33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.81	ND	ND							1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND							3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND							210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND							10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND							NR	NR	NR	NR	NR
Methylene Chloride	ND	0.0011 JB	0.001 JB							3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND							28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.75	0.0026	0.052							1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND							10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	0.0009 J							10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND							100	120	0.5	0.15	50
Trichloroethene (TCE)	0.96	0.0014	0.0092							970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND							NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND							53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND							ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-8-3 4-6 6/17/1991	BPA-SG2a 1.5-2 12/2/1999	BPA-SG2b 2-2.5 12/2/1999	BPA-SG11 0-2 12/2/1999	BPA-SG73 0-2 12/2/1999	BPA-SG74a 1.5-2 12/2/1999	BPA-SG74b 2.5-3 12/2/1999	BPA-SG75a 1.5-2 12/2/1999	BPA-SG75b 3-3.5 12/2/1999	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
2,6-Dinitrotoluene	NA	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	6.08	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	8,000	4,100
4-Nitrophenol	NA	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
Acenaphthene	NA	24.7	0.441	ND	ND	ND	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	2.14	ND	ND	ND	ND	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	NA	33.8	0.899	ND	ND	ND	ND	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	107	2.81	ND	ND	ND	ND	ND	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	89.9	2.3	ND	ND	ND	ND	ND	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	115	3.16	ND	ND	0.716	ND	0.732	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	53.8	1.37	ND	ND	0.541	ND	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	47.8	1.42	ND	ND	ND	ND	ND	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	ND	ND	ND	ND	ND	ND	ND	ND	5,700	10,000	0.6	130	200
Carbazole	NA	98.7	2.71	ND	ND	ND	ND	ND	ND	4,000	190,000	13	83	140
Chrysene	NA	ND	ND	ND	ND	ND	ND	ND	ND	11,000	190,000	0.19	230	390
Di-n-octylphthalate	NA	11	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	7.78	ND	ND	ND	ND	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	NA	7.8	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	182	5.79	ND	ND	0.866	ND	0.863	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	22.3	ND	ND	ND	ND	ND	ND	ND	110,000	190,000	26	3,200	41,000
Fluorene	NA	ND	ND	ND	ND	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	59.4	1.61	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	ND	ND	ND	ND	ND	ND	ND	ND	110	190,000	0.36	28,000	3.9
Naphthalene	NA	6.63	ND	ND	ND	ND	ND	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	ND	ND	ND	ND	77.2	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	NA	146	3.47	ND	ND	ND	ND	ND	ND	190,000	190,000	110	10,000	NR
Pyrene	NA	169	4.68	ND	ND	0.702	ND	ND	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA TP-1a 1-1.5 12/7/1999	BPA TP-1a 1.5-2 12/7/1999	BPA TP-1b 2-2.5 12/7/1999	BPA TP-1c 12-12.5 12/7/1999	BPA TP-2a 2.5-3 12/7/1999	BPA TP-2b 3-3.5 12/7/1999	BPA TP-2c 11.5-12 12/7/1999			ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	 Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	 Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND			3,300	190,000	7.5	10	120
2,6-Dinitrotoluene	1.53	ND	ND	ND	ND	ND	ND			2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.97	ND	ND	ND	ND	ND	ND			10,000	10,000	200	8,000	4,100
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND			22,000	190,000	6	4.1	NR
Acenaphthene	3.74	ND	ND	ND	ND	ND	ND			170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND			170,000	190,000	610	6,900	NR
Anthracene	7.66	ND	ND	ND	ND	ND	ND			190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	20.7	17.2	ND	ND	ND	ND	ND			110	190,000	0.36	320	3.9
Benzo (a) pyrene	17.5	21.3	ND	ND	ND	ND	ND			11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	24.6	31	ND	ND	ND	ND	ND			110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	7.09	12.5	ND	ND	ND	ND	ND			170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	8.58	27.2	ND	ND	ND	ND	ND			1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	ND	ND	ND			5,700	10,000	0.6	130	200
Carbazole	7.78	ND	ND	ND	ND	ND	ND			4,000	190,000	13	83	140
Chrysene	19.1	18.2	ND	ND	ND	ND	ND			11,000	190,000	0.19	230	390
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND			10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	1.62	ND	ND	ND	ND	ND	ND			11	190,000	0.036	160	0.39
Dibenzofuran	1.61	ND	ND	ND	ND	ND	ND			NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND			NR	NR	NR	NR	10,000,000
Fluoranthene	46.5	42.9	ND	ND	0.515	ND	ND			110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	ND	ND			110,000	190,000	190	3,800	41,000
Hexachlorobenzene	4.36	ND	ND	ND	ND	ND	ND			50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND			2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	13.7	ND	ND	ND	ND	ND			110	190,000	0.36	28,000	3.9
Naphthalene	0.81	ND	ND	ND	ND	ND	ND			56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND			660	190,000	0.1	5	24
Phenanthrene	43.9	27.2	ND	ND	0.469	ND	ND			190,000	190,000	110	10,000	NR
Pyrene	44.6	41.6	ND	ND	0.669	ND	ND			84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	NA	NA	NA	NA	NA			200	10,000	0.72	200	41
Arochlor-1221	NA	NA	NA	NA	NA	NA	NA			160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	NA	NA	NA	NA	NA			160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	NA	NA	NA	NA	NA			160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	NA	NA	NA	NA	NA			44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	NA	NA	NA	NA	NA			44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	NA	NA	NA	NA	NA			130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-01 0-2 2/11/2004	BPA-SB-01 5-7 2/11/2004	BPA-SB-02 0-2 2/11/2004	BPA-SB-02 4-6 2/11/2004	BPA-SB-02 10-12 2/11/2004	BPA-SB-03 0-2 2/11/2004	BPA-SB-03 4-6 2/11/2004	BPA-SB-04 0-2 2/4/2004	BPA-SB-04 2-4 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	0.013 J	ND	ND	ND	ND	0.026 J	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	0.031 J	ND	ND	0.11 J	ND	0.0095 J	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	0.048 J	ND	0.18 J	ND	ND	ND	ND	0.019 J	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.020 J	ND	0.22 J	ND	ND	0.21 J	ND	0.038 J	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.056	ND	1.9	0.011 J	ND	0.60	ND	0.18	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.11	ND	2.9	0.0096 J	ND	0.68	ND	0.20	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.14	ND	2.8	0.0095 J	ND	0.62	ND	0.16	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	0.13 J	ND	0.68	ND	ND	0.4	ND	0.16 J	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.14	ND	3.6	0.012 J	ND	0.69	ND	0.19	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.55	0.12 J	0.22 J	0.31 J	0.13 J	ND	ND	0.097 J	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	0.040 J	ND	ND	0.088 J	ND	0.025 J	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.070 J	ND	1.9	0.019 J	ND	0.74	ND	0.22 J	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	0.35	ND	ND	0.2	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	0.019 J	ND	ND	0.036 J	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.067 J	ND	2.1	0.016 J	ND	1.4	ND	0.33 J	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	0.037 J	ND	ND	0.083 J	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	0.11	ND	0.78	ND	ND	0.39	ND	0.12	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	0.040 J	ND	ND	ND	ND	0.019 J	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.026 J	ND	0.41	0.023 J	ND	0.88	ND	0.17 J	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.082 J	ND	2.5	0.016 J	ND	1.1	ND	0.28 J	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	0.033 J	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-05 0-2 2/11/2004	BPA-SB-05 2-4 2/11/2004	BPA-SB-06 0-2 2/4/2004	BPA-SB-06 2-4 2/4/2004	BPA-SB-07 0-2 2/10/2004	BPA-SB-07 4-6 2/10/2004	BPA-SB-07 12-14 2/10/2004	BPA-SB-08 0-2 2/10/2004	BPA-SB-08 4-6 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	1.4 J	0.13 J	0.23 J	ND	ND	0.058 J	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	0.012 J	ND	2.8 J	0.098 J	0.96	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	0.077 J	ND	7.8	0.70	0.40 J	ND	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.083 J	ND	11	0.59	1.9	ND	ND	0.056 J	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.3	ND	22	1.4	4.2	ND	ND	0.43	0.024 J	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.31	ND	18	1.4	4.2	ND	ND	0.50	0.019 J	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.3	ND	13	1.0	3.4	ND	ND	0.49	0.016 J	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	0.18 J	ND	9.9	0.72	3.3	ND	ND	0.38 J	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.38	ND	18	1.3	4.2	ND	ND	0.47	0.020 J	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.15 J	0.10 J	ND	ND	0.28 J	0.16 J	0.14 J	0.12 J	0.11 J	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	0.024 J	ND	3.0 J	0.29 J	0.91	ND	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.37 J	ND	22	1.5	4.6	ND	ND	0.56	0.030 J	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	0.063	ND	2.3	0.16	1.0	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	0.045 J	ND	2.8 J	0.16 J	0.50	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.44	ND	49	3.2	9.0	ND	ND	0.52	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	0.36 J	0.90	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	0.16	ND	10	0.72	2.8	ND	ND	0.31	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	1.4 J	0.17 J	0.36 J	ND	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	2.8	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.28 J	ND	38	2.6	7.4	ND	ND	0.25 J	0.042 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.39	0.012 J	45	2.9	10	ND	ND	0.65	0.048 J	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	0.040 J	ND	ND	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	BPA-SB-08	BPA-SB-09	BPA-SB-09	BPA-SB-09	BPA-SB-10	BPA-SB-10	BPA-SB-11	BPA-SB-11	BPA-SB-11	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	7-9	0-2	5-7	11-13	0-2	10-12	0-2	2-4	7-9	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	2/10/2004	2/10/2004	2/10/2004	2/10/2004	2/9/2004	2/9/2004	2/10/2004	2/10/2004	2/10/2004					
Parameter/Units										(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	0.10 J	ND	ND	10,000	10,000	200	8,000	4,100
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	ND	0.016 J	0.053	0.047	ND	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	ND	0.013 J	0.044	0.038 J	ND	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	0.014 J	ND	ND	0.012 J	0.037 J	0.054	ND	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	0.024 J	ND	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	ND	0.016 J	0.040 J	ND	ND	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	0.12 J	0.21 J	0.21 J	0.094 J	0.22 J	0.24 J	ND	ND	0.14 J	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,000	190,000	13	83	140
Chrysene	ND	0.030 J	ND	ND	ND	0.055 J	0.092 J	ND	ND	11,000	190,000	0.19	230	390
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	ND	ND	0.033 J	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	0.013 J	ND	ND	ND	0.10 J	0.061 J	ND	ND	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	ND	0.020 J	ND	ND	ND	110	190,000	0.36	28,000	3.9
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	0.016 J	ND	ND	0.022 J	0.071 J	0.12 J	ND	ND	190,000	190,000	110	10,000	NR
Pyrene	ND	0.015 J	ND	ND	0.028 J	0.099 J	0.074 J	ND	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results

ND = Not detected

NA = Not Analyzed

J = Estimated value, below reporting limit

NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-12 0-2 2/10/2004	BPA-SB-12 4-6 2/10/2004	BPA-SB-13 0-2 2/11/2004	BPA-SB-13 2-4 2/11/2004	BPA-SB-13 5-7 2/11/2004	BPA-SB-14 0-2 2/4/2004	BPA-SB-14 2-4 2/4/2004	BPA-SB-15 0-2 2/10/2004	BPA-SB-15 2-3 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	0.037 J	ND	ND	ND	0.13 J	ND	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	ND	ND	ND	0.0079 J	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	0.022 J	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	ND	ND	ND	0.042 J	ND	0.13 J	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.032 J	ND	ND	0.014 J	ND	0.12	ND	0.29	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.044	0.034 J	ND	0.014 J	ND	0.10	ND	0.18	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.034 J	0.039 J	ND	0.0098 J	ND	0.10	ND	0.36	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	0.10 J	ND	0.12 J	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.037 J	0.019 J	ND	0.014 J	ND	0.11	ND	0.26	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.15 J	0.11 J	0.23 J	0.092 J	0.10 J	ND	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	ND	ND	ND	0.026 J	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.041 J	0.059 J	0.012 J	0.024 J	ND	0.16 J	0.011 J	0.40 J	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	0.064	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	ND	0.040 J	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	ND	0.012 J	0.019 J	ND	0.22 J	0.014 J	0.32 J	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	ND	0.090	ND	0.13	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	ND	0.094 J	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.056 J	ND	0.0099 J	0.012 J	ND	0.20 J	0.011 J	0.062 J	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	ND	0.014 J	0.031 J	ND	0.18 J	0.016 J	0.54	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	0.030 J	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-15 5-7 2/10/2004	BPA-SB-16 0-2 2/10/2004	BPA-SB-16 2-4 2/10/2004	BPA-SB-16 10-12 2/10/2004	BPA-SB-17 0-2 2/4/2004	BPA-SB-17 5-7 2/4/2004	BPA-SB-18 0-2 2/4/2004	BPA-SB-18 5-7 2/4/2004	BPA-SB-19 0-2 2/3/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	 Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	0.064 J	ND	0.023 J	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	ND	0.035 J	ND	0.017 J	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	ND	ND	ND	ND	0.057 J	0.044 J	0.026 J	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	0.12	ND	ND	0.64	ND	0.29	ND	0.070	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	ND	0.14	ND	ND	0.60	ND	0.46	ND	0.069	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	ND	0.11	ND	ND	0.46	ND	0.43	ND	0.060	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	0.14 J	ND	ND	0.27 J	ND	0.34 J	ND	0.028 J	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	ND	0.12	ND	ND	0.80	ND	0.55	ND	0.079	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.13 J	ND	ND	ND	ND	ND	0.20 J	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	ND	ND	0.012 J	ND	0.040 J	ND	0.013 J	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	ND	0.15 J	ND	ND	0.71	ND	0.40 J	ND	0.091 J	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	0.12	ND	0.12	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	ND	ND	0.049 J	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	0.17 J	ND	ND	0.73	ND	0.40 J	ND	0.14 J	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	ND	ND	0.010 J	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	0.12	ND	ND	0.25	ND	0.32	ND	0.030 J	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	0.023 J	ND	0.097 J	ND	0.041 J	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	ND	0.16 J	ND	ND	0.12 J	ND	0.29 J	ND	0.11 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	0.23 J	ND	ND	0.74	ND	0.47	ND	0.13 J	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-19 2-4 2/3/2004	BPA-SB-19 5-7 2/3/2004	BPA-SB-20 0-2 2/11/2004	BPA-SB-20 5-7 2/11/2004	BPA-SB-21 0-2 2/9/2004	BPA-SB-21 4-6 2/9/2004	BPA-SB-21 6-8 2/9/2004	BPA-SB-22 0-2 2/9/2004	BPA-SB-22 6-8 2/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	0.022 J	ND	0.058 J	ND	ND	0.031 J	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	0.022 J	ND	0.013 J	ND	ND	0.032 J	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	0.051 J	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	0.066 J	ND	0.068 J	ND	ND	0.080 J	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	ND	0.21	ND	0.20	ND	ND	0.24	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.0093 J	ND	0.24	ND	0.22	0.011 J	ND	0.29	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.0085 J	ND	0.25	ND	0.21	0.013 J	0.0084 J	0.28	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	0.18 J	ND	0.16 J	ND	ND	0.20 J	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.012 J	ND	0.22	ND	0.28	0.013 J	ND	0.32	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	0.085 J	0.22 J	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	0.022 J	ND	0.022 J	ND	ND	0.031 J	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.018 J	ND	0.26 J	ND	0.27 J	ND	0.019 J	0.28 J	0.019 J	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	0.022 J	ND	ND	0.021 J	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.017 J	ND	0.40	ND	0.34 J	0.013 J	0.018 J	0.43	0.016 J	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	0.011 J	ND	ND	0.023 J	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	0.17	ND	0.15	ND	ND	0.18	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	0.046 J	ND	ND	0.032 J	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.013 J	ND	0.27 J	ND	0.17 J	0.013 J	0.014 J	0.25 J	0.011 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.026 J	ND	0.43	ND	0.36 J	0.016 J	0.019 J	0.39 J	0.014 J	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	1.9	ND	ND	0.59	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	0.070 J	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-23 0-2 2/9/2004	BPA-SB-23 4-6 2/9/2004	BPA-SB-23 6-8 2/9/2004	BPA-SB-24 0-2 2/5/2004	BPA-SB-24 2-4 2/5/2004	BPA-SB-24 7-9 2/5/2004	BPA-SB-25 0-2 2/5/2004	BPA-SB-25 7-9 2/5/2004	BPA-SB-26 0-2 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	0.059 J	ND	ND	0.053 J	ND	ND	0.021 J	ND	0.032 J	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	0.060 J	ND	ND	0.055 J	0.015 J	ND	0.021 J	ND	0.013 J	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	0.046 J	ND	ND	0.10 J	0.022 J	ND	0.045 J	ND	0.13 J	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.13 J	ND	ND	0.23 J	0.046 J	ND	0.095 J	ND	0.17 J	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.30	ND	ND	0.43	0.19	ND	0.29	ND	1.2	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.29	ND	ND	0.47	0.22	ND	0.27	ND	1.2	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.27	ND	ND	0.47	0.21	ND	0.27	ND	0.86	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	0.17 J	ND	ND	0.39 J	0.31 J	ND	0.17 J	ND	0.72	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.35	ND	ND	0.61	0.24	ND	0.34	ND	1.6	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.061 J	ND	ND	0.15 J	0.089 J	ND	0.084 J	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	0.052 J	ND	ND	0.091 J	0.045 J	ND	0.038 J	ND	0.018 J	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.36 J	ND	0.026 J	0.57	0.24 J	ND	0.39	ND	1.3	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	0.11	0.064	ND	0.044	ND	0.29	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	0.041 J	ND	ND	0.034 J	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.58	ND	ND	0.81	0.43	ND	0.75	ND	1.9	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	0.048 J	ND	ND	0.051 J	0.014 J	ND	0.017 J	ND	0.011 J	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	0.17	ND	ND	0.340	0.25	ND	0.18	ND	0.71	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	0.059 J	ND	ND	0.044 J	ND	ND	0.017 J	ND	0.028 J	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.46	ND	ND	0.47	0.26 J	ND	0.25 J	ND	0.28 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.57	ND	0.0093 J	0.75	0.36 J	ND	0.74	ND	1.7	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	0.040 J	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	0.53	ND	ND	0.45	0.051 J	ND	1.1	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	0.15	ND	ND	ND	ND	0.039 J	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-26 2-4 2/4/2004	BPA-SB-27 0-2 2/4/2004	BPA-SB-27 2-4 2/4/2004	BPA-SB-28 0-2 2/5/2004	BPA-SB-28 4-6 2/5/2004	BPA-SB-28 6-8 2/5/2004	BPA-SB-29 0-2 2/5/2004	BPA-SB-29 5-7 2/5/2004	BPA-SB-29 8-10 2/5/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	ND	0.051 J	0.28 J	0.020 J	1.7 J	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	0.032 J	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	0.028 J	ND	0.017 J	0.91 J	0.029 J	10	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	0.058 J	ND	0.036 J	0.78 J	0.094 J	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	0.094 J	ND	0.046 J	2.8	0.17 J	14	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	0.34	ND	0.12	8.6	0.26	28	ND	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	ND	0.37	ND	0.12	9.2	0.35	23	ND	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	ND	0.26	ND	0.13	9.3	0.43	21	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	0.27 J	ND	0.061 J	6.3	0.27 J	13	ND	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	ND	0.47	ND	0.16	10	0.48	26	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	0.082 J	0.49 J	0.11 J	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	0.038 J	ND	0.020 J	1.9 J	0.050 J	8.1	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	ND	0.42	0.0095 J	0.16 J	10	0.37 J	31	ND	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	0.087	ND	ND	1.7	0.072	3.1	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	0.84 J	ND	4.7 J	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	0.70	0.014 J	0.23 J	21	0.45	63	ND	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	0.032 J	ND	ND	1.0 J	0.025 J	8.6	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	0.22	ND	0.065	5.7	0.26	12	ND	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	0.017 J	ND	0.036 J	0.49 J	0.018 J	6.4 J	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	0.12 J	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	ND	0.43	ND	0.12 J	14	0.22 J	55	ND	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	0.66	0.013 J	0.23 J	18	0.45	52	ND	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	0.36	ND	ND	0.56	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	ND	ND	ND	0.17	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-30 0-2 2/5/2004	BPA-SB-30 5-7 2/5/2004	BPA-SB-30 10-12 2/5/2004	BPA-SB-31 0-2 2/5/2004	BPA-SB-31 4-6 2/5/2004	BPA-SB-31 6-8 2/5/2004	BPA-SB-32 0-2 2/4/2004	BPA-SB-32 2-4 2/4/2004	BPA-SB-32 6-8 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	0.12 J	ND	ND	ND	ND	0.079 J	0.31 J	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	0.063 J	0.55	ND	ND	ND	ND	0.040 J	NA	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	0.20 J	0.034 J	ND	0.011 J	ND	ND	0.12 J	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	0.12 J	0.039 J	ND	ND	ND	ND	0.049 J	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.56	0.089 J	ND	0.038 J	ND	ND	0.25 J	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	2.0	0.27	ND	0.17	ND	ND	0.74	ND	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	2.2	0.24	ND	0.20	ND	ND	0.80	ND	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	2.2	0.28	ND	0.18	ND	ND	0.67	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	3.2	0.31 J	ND	0.26 J	ND	ND	0.52	ND	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	2.2	0.26	ND	0.20	ND	ND	0.94	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.15 J	0.16 J	ND	ND	ND	ND	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	0.34 J	0.060 J	ND	0.023 J	ND	ND	0.16 J	NA	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	2.4	0.38 J	ND	0.22 J	ND	ND	0.86	ND	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	0.93	0.10	ND	0.079	ND	ND	0.20	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	0.19 J	0.15 J	ND	ND	ND	ND	0.076 J	NA	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	3.6	0.51	ND	0.26 J	ND	ND	1.8	ND	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	0.22 J	0.065 J	ND	ND	ND	ND	0.14 J	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	2.7	0.26	ND	0.22	ND	ND	0.48	ND	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	0.10 J	0.36 J	ND	ND	ND	ND	0.045 J	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	3.0	0.61	ND	0.20 J	ND	ND	1.4	ND	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	4.8	0.64	ND	0.36 J	ND	ND	1.6	ND	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	0.032 J	ND	ND	0.028 J	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-33 0-2 2/2/2004	BPA-SB-33 6-8 2/2/2004	BPA-SB-34 0-2 2/2/2004	BPA-SB-34 4-6 2/2/2004	BPA-SB-34 7-9 2/2/2004	BPA-SB-35 0-2 2/5/2004	BPA-SB-35 4-6 2/5/2004	BPA-SB-35 7-9 2/5/2004	BPA-SB-36 0-2 2/5/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.34 J	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	ND	ND	ND	0.032 J	ND	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	ND	ND	ND	0.080 J	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	0.10 J	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	ND	ND	ND	0.8	ND	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	ND	0.056	ND	ND	2.2	ND	ND	0.1	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.0098 J	ND	0.060	ND	ND	1.8	ND	ND	0.18	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.019 J	ND	0.055	ND	ND	1.4	ND	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	ND	ND	ND	1.6	ND	ND	0.5	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.012 J	ND	0.060	ND	ND	1.9	ND	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	0.14 J	0.11 J	ND	ND	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	ND	ND	ND	0.10 J	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	ND	ND	0.069 J	ND	ND	2.1	ND	ND	0.11 J	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	0.51	ND	ND	0.12	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	ND	0.068 J	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	ND	0.088 J	ND	ND	4.3	ND	ND	0.052 J	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	ND	0.19 J	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	ND	1.5	ND	ND	0.32	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	ND	ND	0.045 J	ND	ND	2.0	ND	ND	0.053 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	ND	0.11 J	ND	ND	4.9	ND	ND	0.070 J	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	0.49	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	0.073 J	ND	ND	ND	ND	0.023 J	ND	ND	0.040 J	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-36 4-6 2/5/2004	BPA-SB-36 6-8 2/5/2004	BPA-SB-37 0-2 2/9/2004	BPA-SB-37 9-11 2/9/2004	BPA-SB-38 0-2 2/9/2004	BPA-SB-38 7-9 2/9/2004	BPA-SB-39 0-2 2/9/2004	BPA-SB-39 2-4 2/9/2004	BPA-SB-39 6-8 2/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	0.029 J	ND	0.071 J	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	0.024 J	ND	0.024 J	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	0.10 J	ND	0.063 J	ND	ND	0.031 J	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	0.28 J	ND	0.10 J	ND	0.023 J	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	ND	1.3	ND	0.30	ND	0.21	0.046	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	ND	ND	1.1	0.011 J	0.31	ND	0.29	0.040	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	ND	ND	0.99	0.012 J	0.36	ND	0.27	0.038 J	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	0.49	ND	0.16 J	ND	0.26 J	0.026 J	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	ND	ND	1.2	0.015 J	0.38	ND	0.30	0.047	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	0.092 J	0.096 J	0.24 J	0.37 J	0.12 J	0.11 J	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	0.022 J	ND	0.038 J	ND	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	ND	ND	1.3	ND	0.38 J	ND	0.25 J	0.053 J	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	0.23	ND	ND	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	0.027 J	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	ND	2.2	0.026 J	0.46	ND	0.24 J	0.094 J	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	0.032 J	ND	0.022 J	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	0.55	ND	0.16	ND	0.22	0.024 J	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	0.030 J	ND	0.057 J	ND	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	ND	ND	0.55	0.013 J	0.24 J	ND	0.097 J	0.054 J	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	ND	2.0	0.025 J	0.50	0.0094 J	0.25 J	0.085 J	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	0.36	ND	1.1	ND	0.068 J	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	ND	2.5	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-40 0-2 2/2/2004	BPA-SB-40 4-6 2/2/2004	BPA-SB-40 7-9 2/2/2004	BPA-SB-41 0-2 2/2/2004	BPA-SB-41 4-6 2/2/2004	BPA-SB-41 7-9 2/2/2004	BPA-SB-42 0-2 2/2/2004	BPA-SB-42 4-6 2/2/2004	BPA-SB-42 7-9 2/2/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	0.019 J	ND	ND	0.026 J	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	0.19 J	ND	ND	0.028 J	ND	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	0.38 J	ND	ND	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.38 J	ND	ND	0.33 J	ND	ND	ND	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.70	ND	ND	1.3	ND	ND	0.046	ND	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.68	ND	ND	1.5	ND	ND	ND	ND	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.62	ND	ND	1.7	ND	ND	0.038 J	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	0.51	ND	ND	1.1	ND	ND	ND	ND	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.64	ND	ND	1.5	ND	ND	0.040	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.086 J	ND	ND	ND	0.13 J	ND	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	0.17 J	ND	ND	0.049 J	ND	ND	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.82	ND	ND	1.6	ND	ND	0.048 J	ND	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	0.18	ND	ND	0.42	ND	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	0.064 J	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	1.6	ND	ND	1.7	ND	ND	0.063 J	ND	ND	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	0.14 J	ND	ND	ND	ND	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	0.47	ND	ND	1.1	ND	ND	ND	ND	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	1.4	ND	ND	0.24 J	ND	ND	0.025 J	ND	ND	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	1.6	ND	ND	2.7	ND	ND	0.072 J	ND	ND	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	0.068 J	ND	ND	0.094	ND	ND	0.04 J	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-43 0-2 2/2/2004	BPA-SB-43 5-7 2/2/2004	BPA-SB-44 0-2 2/2/2004	BPA-SB-44 5-7 2/2/2004	BPA-SB-44 8-10 2/2/2004	BPA-SB-45 0-2 2/3/2004	BPA-SB-45 5-7 2/3/2004	BPA-SB-45 7-9 2/3/2004	BPA-SB-46 0-2 2/3/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	0.035 J	ND	ND	0.030 J	ND	ND	0.036 J	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	0.015 J	ND	ND	0.055 J	ND	ND	0.18 J	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	0.21 J	ND	0.030 J	0.059 J	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	0.039 J	ND	0.044 J	ND	ND	0.21 J	ND	0.019 J	0.26 J	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.17	ND	0.21	ND	ND	0.52	ND	0.055	0.58	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.24	ND	0.25	ND	ND	0.56	ND	0.068	0.57	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.21	ND	0.26	ND	ND	0.46	ND	0.050	0.43	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	0.27 J	ND	0.25 J	ND	ND	0.21 J	ND	0.034 J	0.23 J	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.22	ND	0.23	ND	ND	0.63	ND	0.063	0.55	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	0.20 J	ND	0.14 J	ND	ND	0.090 J	ND	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	0.023 J	ND	ND	ND	ND	0.11 J	ND	ND	0.047 J	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.23 J	ND	0.29 J	ND	ND	0.56	ND	0.094 J	0.67	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	0.095	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	ND	0.037 J	ND	ND	0.043 J	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.32 J	ND	0.38 J	ND	ND	1.0	ND	0.11 J	1.2	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	ND	0.079 J	ND	ND	0.15 J	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	0.22	ND	0.2	ND	ND	0.22	ND	0.029 J	0.22	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	ND	0.029 J	ND	ND	0.029 J	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.20 J	ND	0.19 J	ND	ND	0.79	ND	0.062 J	1.1	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.37 J	ND	0.5	ND	ND	1.1	ND	0.14 J	1.3	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	0.34	ND	ND	0.22	ND	ND	0.38	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	0.054 J	ND	ND	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-46 3-5 2/3/2004	BPA-SB-46 6-8 2/3/2004	BPA-SB-47 0-2 2/11/2004	BPA-SB-47 4-6 2/11/2004	BPA-SB-48 0-2 2/17/2004	BPA-SB-48 5-7 2/17/2004	BPA-SB-49 0-2 2/17/2004	BPA-SB-49 5-7 2/17/2004	BPA-SB-50 0-2 2/17/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	0.023 J	ND	0.054 J	ND	ND	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	0.019 J	ND	0.13	ND	0.20	ND	0.042	ND	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	0.019 J	ND	0.16	ND	0.21	ND	0.043	ND	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	0.016 J	ND	0.15	ND	0.18	ND	0.038 J	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	0.11 J	ND	0.22 J	ND	ND	ND	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	0.018 J	ND	0.15	ND	0.18	ND	0.042	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	0.099 J	ND	0.12 J	ND	ND	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	0.021 J	ND	0.17 J	ND	0.25 J	ND	0.055 J	ND	0.054 J	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	0.098	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	0.045 J	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	0.039 J	ND	0.23 J	ND	0.25 J	ND	0.090 J	ND	0.016 J	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	0.1	ND	0.2	ND	ND	ND	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	0.14 J	ND	ND	ND	ND	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	0.016 J	ND	0.11 J	ND	0.32 J	ND	0.029 J	ND	0.084 J	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	0.037 J	ND	0.22 J	ND	0.46	ND	0.084 J	ND	0.031 J	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	0.022 J	ND	ND	ND	ND	ND	ND	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	0.046 J	ND	ND	ND	ND	ND	ND	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-50 5-7 2/17/2004	BPA-SB-50 12-14 2/17/2004	BPA-SB-51 0-2 2/17/2004	BPA-SB-51 5-7 2/17/2004	BPA-SB-52 0-2 2/17/2004	BPA-SB-52 6-8 2/17/2004	BPA-SB-53 0-2 3/9/2004	BPA-SB-53 7-9 3/9/2004	BPA-SB-54 0-1 3/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	**3,300**	**190,000**	**7.5**	**10**	**120**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NA	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	ND	ND	ND	ND	0.25 J	ND	0.110 J	ND	NA	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	**22,000**	**190,000**	**6**	**4.1**	**NR**
Acenaphthene	ND	ND	ND	ND	1.1	ND	0.091 J	ND	NA	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	ND	ND	ND	ND	0.14 J	ND	0.59	ND	NA	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	ND	ND	ND	ND	1.8	ND	0.48	ND	NA	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	ND	ND	0.031 J	ND	3.1	ND	1.7	ND	NA	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	ND	ND	0.028 J	ND	2.2	ND	1.9	ND	NA	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	ND	ND	0.045	ND	1.9	ND	1.8	ND	NA	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	ND	ND	ND	ND	0.92	ND	0.43	ND	NA	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	ND	ND	0.040 J	ND	2.4	ND	2.2	ND	NA	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	ND	ND	0.10 J	ND	ND	ND	ND	ND	NA	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	ND	ND	ND	ND	1	ND	0.071 J	ND	NA	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	ND	ND	0.066 J	ND	2.9	ND	2.2	ND	NA	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	ND	ND	ND	ND	0.40	ND	ND	ND	NA	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	ND	ND	ND	ND	0.6	ND	0.087 J	ND	NA	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	ND	ND	0.071 J	ND	5	ND	3.2	ND	NA	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	ND	ND	ND	ND	0.95	ND	0.140 J	ND	NA	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NA	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.96	ND	0.54	ND	NA	**110**	**190,000**	**0.36**	**28,000**	**3.9**
Naphthalene	ND	ND	ND	ND	0.74	ND	0.100 J	ND	NA	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	ND	ND	0.080 J	ND	5.80	ND	1.70	ND	NA	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	ND	ND	0.062 J	ND	4.4	ND	3.2	ND	NA	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	NA	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	NA	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	NA	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	NA	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	NA	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	ND	ND	ND	ND	0.054	ND	NA	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	ND	ND	ND	ND	ND	ND	ND	NA	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 2.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-54 8-9 3/12/2004	BPA-SB-55 0-2 3/12/2004	BPA-SB-55 2-4 3/12/2004							ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	ND	NA							3,300	190,000	7.5	10	120
2,6-Dinitrotoluene	NA	ND	NA							2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	ND	NA							10,000	10,000	200	8,000	4,100
4-Nitrophenol	NA	ND	NA							22,000	190,000	6	4.1	NR
Acenaphthene	NA	ND	NA							170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	0.046 J	NA							170,000	190,000	610	6,900	NR
Anthracene	NA	0.07 J	NA							190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	0.40	NA							110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	0.45	NA							11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	0.37	NA							110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	0.23 J	NA							170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	0.45	NA							1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	ND	NA							5,700	10,000	0.6	130	200
Carbazole	NA	ND	NA							4,000	190,000	13	83	140
Chrysene	NA	0.38 J	NA							11,000	190,000	0.19	230	390
Di-n-octylphthalate	NA	ND	NA							10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	ND	NA							11	190,000	0.036	160	0.39
Dibenzofuran	NA	ND	NA							NR	NR	NR	NR	2,000
Dimethylphthalate	NA	ND	NA							NR	NR	NR	NR	10,000,000
Fluoranthene	NA	0.85	NA							110,000	190,000	26	3,200	41,000
Fluorene	NA	ND	NA							110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	ND	NA							50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	ND	NA							2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	0.24	NA							110	190,000	0.36	28,000	3.9
Naphthalene	NA	ND	NA							56,000	190,000	10	25	20,000
Pentachlorophenol	NA	ND	NA							660	190,000	0.1	5	24
Phenanthrene	NA	0.026 J	NA							190,000	190,000	110	10,000	NR
Pyrene	NA	0.89	NA							84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	ND	NA							200	10,000	0.72	200	41
Arochlor-1221	NA	ND	NA							160	10,000	0.52	3	1.4
Arochlor-1232	NA	ND	NA							160	10,000	0.52	2	1.4
Arochlor-1242	NA	ND	NA							160	10,000	0.52	62	1.4
Arochlor-1248	NA	ND	NA							44	10,000	0.14	67	1.4
Arochlor-1254	NA	ND	NA							44	10,000	0.14	280	1.4
Arochlor-1260	NA	ND	NA							130	190,000	0.43	1,900	1.4

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NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 3.
Soil Data Summary - Detections above PRGs
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
A	BPA-SB-03	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.68	Yes	No	No	No
A	BPA-SB-06	Shallow	0 - 2	SVOCs	PAHs	Benzo (a) pyrene, Dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	18, 2.3, 10	Yes	No	Yes	Yes
A	BPA-SB-17	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.6	Yes	No	No	No
A	BPA-SB-21	Shallow	0 - 2	PCBs	Arochlor-1260		1.9	Yes	No	No	No
A	BPA-SB-24	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.47	Yes	No	No	No
A	BPA-SB-26	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	1.2	Yes	No	No	No
A	BPA-SB-29	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, Dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	28, 23, 21, 3.1, 12	Yes	No	Yes	Yes
A	BPA-SB-30	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene, Dibenzo (a,h) anthracene	2.2, 0.93	Yes	No	No	No
A	BPA-SB-32	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.8	Yes	No	No	No
A	BPA-SB-35	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene, Dibenzo (a,h) anthracene	1.8, 0.51	Yes	No	No	No
A	BPA-SB-37	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	1.1	Yes	No	No	No
A	BPA-SB-38	Shallow	0 - 2	PCBs	Arochlor-1260		2.5	Yes	No	No	No
A	BPA-SB-40	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.68	Yes	No	No	No
A	BPA-SB-41	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene, Dibenzo (a,h) anthracene	1.5, 0.42	Yes	No	No	No
A	BPA-SB-45	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.56	Yes	No	No	No
A	BPA-SB-46	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.57	Yes	No	No	No
A	BPA-SB-52	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene, Dibenzo (a,h) anthracene	2.2, 0.4	Yes	No	No	No
A	BPA-SB-53	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	1.9	Yes	No	No	No
A	BPA-SB-55	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.45	Yes	No	No	No
A	BPA-TP-1a	Shallow	1.5 - 2	Metals	Cadmium		50	No	Yes	Yes	Yes
A	BPA-TP-1a	Shallow	1 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, benzo (k) fluoranthene, dibenzo (a,h) anthracene, hexachlorobenzene, indeno(1,2,3-cd) pyrene	1.6 - 27	Yes	Yes	Yes	Yes
A	WPL-SB-49	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.57	Yes	No	No	No
A	BPA-SB-06	Subsurface	2 - 4	SVOCs	PAHs	Benzo (a) pyrene	1.4	Yes	No	No	No
A	BPA-SB-24	Subsurface	2 - 4	VOCs	TCE		8.2	Yes	Yes	Yes	Yes
A	BPA-SB-28	Subsurface	4 - 6	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, Dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	8.6, 9.2, 9.31.7, 5.7	Yes	No	Yes	No

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
B	BPA-SB-01	Shallow	0 - 2	VOCs	PCE, TCE		160, 26	Yes	Yes	Yes	Yes
B	BPA-SB-02	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	2.9	Yes	No	Yes	No
B	BPA-SB-02	Shallow	0 - 2	VOCs	PCE, TCE		1.0, 0.58	No	Yes	Yes	Yes
B	BPA-SB-07	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, Dibenzo (a,h) anthracene	4.2, 4.2, 1	Yes	No	Yes	No
B	BPA-SB-07	Shallow	0 - 2	VOCs	PCE, TCE		1.8, 4.3	No	Yes	Yes	Yes
B	BPA-SB-08	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.5	Yes	No	No	No
B	BPA-SB-08	Shallow	0 - 2	VOCs	PCE, TCE		130, 92	Yes	Yes	Yes	Yes
B	BPA-SB-09	Shallow	0 - 2	VOCs	PCE, TCE		1.5, 5.8	No	Yes	Yes	Yes
B	BPA-SB-11	Shallow	0 - 2	VOCs	PCE, TCE		50, 120	Yes	Yes	Yes	Yes
B	BPA-SB-12	Shallow	0 - 2	VOCs	PCE, TCE		0.88, 0.54	No	Yes	Yes	Yes
B	BPA-SB-15	Shallow	0 - 2	VOCs	PCE		1.7	No	Yes	Yes	Yes
B	BPA-SB-16	Shallow	0 - 2	VOCs	PCE, TCE		4.7, 5.4	No	Yes	Yes	Yes
B	BPA-SB-18	Shallow	0 - 2	SVOCs	PAHs	Benzo(a)pyrene	0.46	Yes	No	No	No
B	BPA-SB-18	Shallow	0 - 2	metals	Cadmium		48.4	No	Yes	Yes	Yes
B	BPA-SB-18	Shallow	0 - 2	VOCs	PCE, TCE		83, 20	Yes	Yes	Yes	Yes
B	BPA-SB-50	Shallow	0 - 2	VOCs	PCE, TCE		210, 14	Yes	Yes	Yes	Yes
B	BPA-SB-51	Shallow	0 - 2	VOCs	PCE, TCE		5.3, 0.63	Yes	Yes	Yes	Yes
B	BPA-SB-54	Shallow	0 - 1	VOCs	PCE, TCE		4.7, 7.8	Yes	Yes	Yes	Yes
B	BPA-SG2a	Shallow	1.5 - 2	Metals	Antimony		141 ?	No	Yes	Yes	Yes
B	BPA-SG2a	Shallow	1.5 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, carbazole, dibenzo(a,h)anthracene, hexachloroethane	8 - 115	Yes	Yes	Yes	Yes
B	BPA-SG74a	Shallow	1.5 - 2	Metals	Nickel		742	No	Yes	Yes	Yes
B	BPA-SG74a	Shallow	1.5 - 2	VOCs	PCE, TCE		3.04, 1.5	No	Yes	Yes	Yes
B	BPA-SG74a	Shallow	1.5 - 2	SVOCs	PCP		77.2	Yes	Yes	Yes	Yes
B	BPA-SG75a	Shallow	1.5 - 2	Metals	Sb, Cd, Pb		42.1, 164, 6230	Yes	Yes	Yes	Yes
B	BPA-SG75a	Shallow	1.5 - 2	VOCs	PCE, TCE		1.08, 1.06	No	Yes	Yes	Yes
B	WPL-SB-51	Shallow	0 -2	VOCs	PCE, TCE		550, 3.3	Yes	Yes	Yes	Yes
B	WPL-SB-51	Shallow	0 -2	PCBs	Arochlor-1254		11	Yes	No	Yes	No
B	BPA-SB-01	Subsurface	5 - 7	VOCs	PCE, TCE		43, 4.9	Yes	Yes	Yes	Yes
B	BPA-SB-08	Subsurface	4 - 6	VOCs	PCE, TCE		1.0, 0.61	No	Yes	Yes	Yes
B	BPA-SB-08	Subsurface	7 - 9	VOCs	PCE, TCE		1.2, 1.9	No	Yes	Yes	Yes
B	BPA-SB-09	Subsurface	5 - 7	VOCs	TCE		0.73	No	Yes	Yes	Yes
B	BPA-SB-09	Subsurface	11 - 13	VOCs	PCE, TCE		0.66, 5.6	No	Yes	Yes	Yes
B	BPA-SB-10	Subsurface	10 - 12	VOCs	TCE		0.81	No	Yes	Yes	Yes
B	BPA-SB-11	Subsurface	2 - 4	VOCs	PCE, TCE		0.58, 1.2	No	Yes	Yes	Yes
B	BPA-SB-11	Subsurface	7 - 9	VOCs	PCE, TCE		31, 26	Yes	Yes	Yes	Yes
B	BPA-SB-15	Subsurface	2 - 3	VOCs	PCE		0.63	No	Yes	Yes	Yes
B	BPA-SB-15	Subsurface	5 - 7	VOCs	PCE		1.1	No	Yes	Yes	Yes
B	BPA-SB-16	Subsurface	2 - 4	VOCs	PCE		1.1	No	Yes	Yes	Yes
B	BPA-SB-16	Subsurface	10 - 12	VOCs	PCE		1.3	No	Yes	Yes	Yes
B	BPA-SB-18	Subsurface	5 - 7	VOCs	PCE		1	No	Yes	Yes	Yes
B	BPA-SB-50	Subsurface	5 - 7	VOCs	PCE, TCE		4100, 110	Yes	Yes	Yes	Yes
B	BPA-SB-51	Subsurface	5 - 7	VOCs	PCE		1.2	No	Yes	Yes	Yes
B	BPA-SB-54	Subsurface	8-9	VOCs	PCE, TCE		0.75, 0.96	No	Yes	Yes	Yes
B	BPA-SG2b	Subsurface	2 - 2.5	SVOCs	PAHs	Hexachloroethane	1.61	No	Yes	Yes	Yes
B	BPA-SG74b	Subsurface	2.5 - 3	VOCs	PCE, TCE		2.81, 1.73	Yes	Yes	Yes	Yes
B	BPA-SG75b	Subsurface	3 - 3.5	VOCs	PCE, TCE		0.638, 0.633	No	Yes	Yes	Yes
B	WPL-SB-51	Subsurface	5-7	VOCs	PCE		12	Yes	Yes	Yes	Yes

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-1-3 4.0-6.0 1991	WPLSS-2-2 2.0-4.0 1991	WPLSS-2-3 1991	WPLSS-22-3 Duplicate 1991	WPLSS-3-4 6.0-8.0 1991	WPLSS-5-2 2.0-4.0 1991	WPLSS-6-2 2.0-4.0 1991	WPLSS-7-4 6.0-8.0 1991	WPLSS-9-2 2.0-4.0 1991	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	ND	4.5	2.7	3.6	4.1	ND	ND	9.9	ND	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	ND	ND	ND	0.6	0.5	0.6	0.6	0.6	0.6	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	8	2	ND	3	ND	1	ND	ND	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	17	140	16	21	42	15	110	23	45	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	**420**	**190,000**	**10**	**190**	**3,100**
Copper	10	990	9	14	78	610	37	14	25	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	0.14	0.048	ND	0.072	0.056	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	ND	0.028	ND	ND	ND	ND	ND	ND	ND	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	ND	320	18	20	170	35	120	23	62	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	ND	0.4	ND	ND	ND	ND	ND	ND	ND	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	14	41	8	11	17	12	13	12	27	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	3	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	24	ND	63	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	36	1,400	53	64	380	88	650	41	76	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**9**	**1.6**	**NR**
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**120**	**0.5**	**0.26**	**22**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	0.320	0.012	0.055	ND	ND	ND	ND	ND	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	ND	0.030	ND	ND	ND	ND	ND	ND	ND	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	WPLSS-10-2	WPLSS-11-1	WPLSS-12-4	WPLSS-13-3	WPLSS-13-4	WPLSS-14-4	WPLSS-15-4	WPLSS-16-4	WPLSS-26-4	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		CONCENTRATIONS
Depth (ft.)	2.0-4.0	0.0-2.0	6.0-8.0		6.0-8.0	6.0-8.0	6.0-7.0	6.0-8.0	Duplicate	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	1991	1991	1991	1991	1991	1991	1991	1991	1991					
Parameter/Units										(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	32	ND	NA	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	ND	42	4.8	NA	ND	ND	7	ND	ND	53	190,000	5	150	1.9
Beryllium	0.5	2	ND	NA	0.6	ND	ND	0.5	ND	5,600	190,000	0.4	320	2,000
Cadmium	ND	5	1	NA	1	1	14	2	ND	210	190,000	0.5	38	510/1,000
Chromium, total	20	2,700	21	NA	26	19	1,100	21	33	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	190,000	10	190	3,100
Copper	9	1,800	12	NA	22	14	340	9	25	100,000	190,000	100	36,000	41,000
Cyanide, total	0.036	0.2	0.88	NA	ND	ND	0.4	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	ND	ND	ND	NA	ND	ND	ND	ND	ND	56,000	190,000	20	200	20,000
Lead	24	100	19	NA	30	20	480	21	37	1,000	190,000	0.5	450	NR
Mercury	ND	0.33	ND	NA	ND	ND	ND	ND	ND	840	190,000	0.2	10	NR
Nickel	10	900	10	NA	12	12	110	9	24	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	NA	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	NA	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	NA	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	29	1,500	35	NA	51	40	1,500	24	66	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	0.14	ND	ND	ND	ND	0.325	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.02	ND	ND	ND	ND	0.05	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.014	ND	3.2	ND	ND	ND	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	0.02	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	NA	1	NA	NA	NA	NA	6	NA	NA	10,000	10,000	1,000	990	200,000

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ND = Not detected
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J = Estimated value, below reporting limit
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Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	WPLSS-17-1	WPLSS-18-3	WPLSS-19-4	WPLSS-20-6	WPLTP-2-1	WPLTP-2-2	WPLTP-2-3	WPLTP-2-4	WPLTP-2-5	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	0.0-2.0	4.0-6.0	6.0-8.0	10.0-12.0	3	2.5	1.5	Drum	Drum	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	1991	1991	1991	1991	1991	1991	1991	1991	1991					
Parameter/Units								(Grease)	(Semi-Solid)	(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	ND	6.4	ND	2.6	8	3.3	ND	ND	2.5	53	190,000	5	150	1.9
Beryllium	0.7	0.7	0.6	ND	2.1	ND	ND	ND	ND	5,600	190,000	0.4	320	2,000
Cadmium	3	ND	ND	ND	13	7	ND	ND	3	210	190,000	0.5	38	510/1,000
Chromium, total	83	21	24	8	210	87	ND	4	83	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	190,000	10	190	3,100
Copper	160	17	19	6	3,900	220	7	77	56	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	0.056	ND	ND	0.3	1	ND	NA	NA	NR	NR	NR	NR	NR
Cyanide, free	ND	ND	ND	ND	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	160	28	24	ND	670	370	ND	33	79	1,000	190,000	0.5	450	NR
Mercury	ND	0.13	ND	ND	0.38	0.58	ND	ND	0.25	840	190,000	0.2	10	NR
Nickel	38	16	16	7	48	57	ND	ND	59	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	62	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	190	59	50	25	8,500	91,082	130	300	570	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	0.025	ND	1.9	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	0.026	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	0.025	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	NA	0.127	NA	0.04	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.75	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	12.5	0.025	0.075	18.75	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	2.175	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	0.25	ND	ND	ND	ND	0.125	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	1.56	ND	0.075	0.325	15.63	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	0.011	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	0.025	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.047	0.111	ND	0.017	0.03	ND	1	0.15	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	0.012	ND	ND	ND	ND	4.95	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLTP-11-1 3.0 1991	WPLTP-11-2 2.0 1991	WPLTP-11-3 Waste 1991 (Lard)	WPLTP-11-4 Bucket 1991 (Sludge)	WPLTP-15-1 Orange Waste 1991 (Semi-Solid)	WPLTP-15-2 Orange Waste 1991 (Semi-Solid)	WPLTP-15-3 Blue Waste 1991 (Semi-Solid)	TP-15-B-1 Bucket 1991 (Sandy Soil)	TP-15-B-3 6.0 1991 (Soil)	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	0.6	ND	1,100	190,000	0.6	27	410
Arsenic	15	13	2.2	26	ND	ND	2.8	6.9	6.1	53	190,000	5	150	1.9
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,600	190,000	0.4	320	2,000
Cadmium	4	2	ND	18	ND	ND	ND	29	11	210	190,000	0.5	38	510/1,000
Chromium, total	15,000	2,500	170	550	31,000	9	25,000	450	8,200	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	190,000	10	190	3,100
Copper	1,700	1,300	86	2,700	16	9	21	170	120	100,000	190,000	100	36,000	41,000
Cyanide, total	0.64	0.1	NA	20	NA	NA	NA	ND	0.68	NR	NR	NR	NR	NR
Cyanide, free	ND	ND	NA	ND	NA	NA	NA	ND	ND	56,000	190,000	20	200	20,000
Lead	320	710	40	450	95,000	88	110,000	1,000	700	1,000	190,000	0.5	450	NR
Mercury	0.63	0.83	ND	0.98	ND	ND	0.33	1.2	0.65	840	190,000	0.2	10	NR
Nickel	890	630	51	360	6	ND	8	26	10	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	31	ND	42	ND	ND	ND	ND	10	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	1,200	120	1,300	ND	24,000	37	10,000	1,300	37,000	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	0.1	0.037	ND	0.02	35.8	ND	ND	0.63	9.4	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	0.02	0.01	ND	0.02	ND	ND	ND	8.13	131.3	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	TP-15-B-4	WPLTP-18-1	WPL-SG-29a	WPL-SG-29b	WPL-SG-32a	WPL-SG-32b	WPL-SG-33a	WPL-SG-33b	WPL-SG-47a	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	3.5	3.0	2-3	18-20	10-11	20.5-21.5	2-4	8-9	8-9	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	1991	1991	12/28/1999	12/28/1999	12/28/1999	12/28/1999	12/29/1999	12/29/1999	12/28/1999					
Parameter/Units	(Sand)									(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	122	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.6	7.8	5.35	2.06	5.45	2.09	221	4.89	6.89	53	190,000	5	150	1.9
Beryllium	ND	ND	0.421	0.191	0.398	0.315	225	0.537	0.426	5,600	190,000	0.4	320	2,000
Cadmium	3	ND	ND	0.179	0.214	0.232	224	ND	2.86	210	190,000	0.5	38	510/1,000
Chromium, total	82	46	16.3	3.32	16.4	6.05	249	16.6	1,230	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	58	400	17.3	9.04	11.4	9.28	258	11.2	354	100,000	190,000	100	36,000	41,000
Cyanide, total	0.048	ND	ND	ND	ND	ND	ND	ND	2.2	NR	NR	NR	NR	NR
Cyanide, free	ND	ND	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	57	47	9.27	4.56	14.1	6.69	233	11.1	113	1,000	190,000	0.5	450	NR
Mercury	0.13	ND	ND	ND	ND	ND	ND	ND	ND	840	190,000	0.2	10	NR
Nickel	26	180	11.1	4.23	9.85	6.06	240	7.16	63.8	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	194	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	225	ND	3.52	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	212	ND	ND	200	190,000	0.2	14	72
Zinc	180	3,500	16	17	27.8	18.8	268	23.4	604	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	NA	NA	0.0162	0.0129	0.0156	0.0165	0.0921	ND	0.0839	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	NA	NA	ND	ND	ND	ND	0.0186	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	3,630	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	NA	0.02	ND	ND	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	NA	NA	NA	NA	NA	NA	NA	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	3.85	0.228	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	0.381	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	0.009	ND	ND	ND	ND	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	NA	NA	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SG-47b 12-13.1 12/28/1999	WPL-SG-64a 9-10 11/29/1999	WPL-SG-64b 16-18 11/29/1999	WPL TP-1a 4-4.5 11/26/1999	WPL TP-1b 6-6.5 11/26/1999	WPL TP-2 6-6.5 11/26/1999	WPL TP-3 4-4.5 11/26/1999	WPL TP-4a 4-4.5 11/26/1999	WPL TP-4b 5-5.5 11/26/1999	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	33	ND	ND	6.58	2.07	ND	1,100	190,000	0.6	27	410
Arsenic	4.95	6.79	2.82	7.95	6.06	17.7	13	2.7	4.93	53	190,000	5	150	1.9
Beryllium	0.338	0.44	0.357	0.619	0.825	0.206	0.374	ND	0.544	5,600	190,000	0.4	320	2,000
Cadmium	0.388	ND	0.834	7.52	ND	7.78	15.7	1.27	ND	210	190,000	0.5	38	510/1,000
Chromium, total	20.9	299	141	77.6	13.7	377	535	27.3	21	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	NA	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	20.8	40.8	18.5	414	13.5	531	417	77.7	20.3	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	0.51	NA	1.04	ND	ND	1.39	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	21.2	46.9	9.11	905	20.2	122	478	137	10.9	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	0.8	ND	6.9	2.29	ND	ND	840	190,000	0.2	10	NR
Nickel	15.8	28.3	7.83	38.8	8.58	205	230	33.2	12.3	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	4.23	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	39.8	40.3	70	983	41.4	555	1,090	662	45	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.0935	0.0518	0.0117	0.238	0.31	0.463	0.0779	0.171	0.252	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	0.0127	ND	0.0697	0.084	0.111	ND	ND	0.0416	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	3,140	ND	ND	ND	ND	0.0572	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	0.144	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	0.0671	ND	ND	ND	ND	0.227	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	0.327	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	0.109	ND	0.999	0.0829	0.207	0.273	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL TP-5 3-3.5 11/26/1999	WPL TP-6 5.5-6 11/26/1999	WPL TP-7a 4-4.5 11/26/1999	WPL TP-7b 4.5-5 11/26/1999	ERB-01 16.0 4/17/2002	ERB-02 6.0 4/15/2002	ERB-03 18.0 4/15/2002	ERB-04 14.0 4/15/2002	ERB-05 10.0 4/16/2002	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	5.82	17.3	39.1	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	15.3	20.1	36.8	7.14	5.7	4.9	ND	5.8	7.5	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.36	0.304	0.276	0.493	ND	ND	ND	ND	ND	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	3.7	26.2	4.99	ND	ND	ND	ND	ND	ND	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	103	3,380	30,200	25.3	18	25	8.4	41	36	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	778	ND	NA	NA	NA	NA	NA	**420**	**190,000**	**10**	**190**	**3,100**
Copper	819	1,880	ND	40.6	14	45	14	38	19	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	0.553	3.66	2.46	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	801	1,180	2,880	17	11	47	15	31	20	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	ND	ND	2.51	ND	ND	ND	0.11	1.1	ND	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	152	347	2,210	16.2	21	15	6.3	20	15	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	4.07	10	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	5.7	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	1,790	1,710	3,540	47.8	86	140	41	80	59	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	0.38	0.813	0.0958	0.2	ND	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	0.0728	ND	ND	ND	ND	ND	ND	0.085	ND	**210**	**240**	**0.5**	**0.13**	**52**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**9**	**1.6**	**NR**
2-Butanone (MEK)	0.0535	0.15	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**120**	**0.5**	**0.26**	**22**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	0.2	ND	ND	ND	ND	ND	1.1	32	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.062	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	0.012 (J)	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	NA	NA	NA	NA	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	0.0699	ND	ND	ND	ND	ND	ND	0.079	0.094	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	0.040 (J)	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	0.14	ND	ND	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	0.0397	ND	ND	ND	0.0082 (J)	ND	ND	0.019 (J)	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	0.032 (J)	ND	ND	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	0.339	0.101	ND	0.181	ND	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	ERB-06 15.0 4/16/2002	ERB-07 12.0 4/17/2002	ERB-08 18.0 4/16/2002	ERB-09 11.0 4/16/2002	ERB-10 12.0 4/16/2002	ERB-11 12.0 4/17/2002	ERB-12 20.0 4/18/2002	ERB-13 14.0 4/18/2002	ERB-20 13.0 4/18/2002	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	<0.93	<1.2	<1.0	<1.2	ND	1,100	190,000	0.6	27	410
Arsenic	5.8	4.4	ND	4.4	12	3.6	6.2	3.6	8.2	53	190,000	5	150	1.9
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	22	15	3	21	29	17	20	14	23	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	NA	NA	NA	NA	NA	NA	NA	NA	420	190,000	10	190	3,100
Copper	9.5	13	3	20	31	16	28	13	17	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	0.29	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	5.8	8.9	2	14	16	11	28	11	14	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	ND	ND	ND	0.058	ND	ND	840	190,000	0.2	10	NR
Nickel	6.7	7.8	ND	19	14	16	37	13	13	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	19	26	12	55	46	45	95	37	47	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.098	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	0.060 (J)	ND	ND	ND	0.037 (J)	0.019 (J)	ND	0.017 (J)	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	0.10	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.0082 (J)	ND	ND	ND	0.0096 (J)	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	0.083	0.019 (J)	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-01 0.5-2 2/10/2004	WPL-SB-01 3-5 2/10/2004	WPL-SB-02 0.5-2 2/10/2004	WPL-SB-02 3-5 2/10/2004	WPL-SB-03 0.5-2 2/10/2004	WPL-SB-03 3-5 2/10/2004	WPL-SB-04 0.5-2 2/10/2004	WPL-SB-04 8-10 2/10/2004	WPL-SB-05 0.5-2 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	5.8	5.4	6.6	7.2	7.1	7.0	1.0	5.0	5.2	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.63	0.80	0.63	0.67	0.69	0.7	0.13 J	0.59	0.72	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	0.06 B	ND	ND	ND	1.2	ND	0.07 B	ND	0.11 B	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	23	19.8	26.2	27.5	63.5	24.7	2.1	14.7	21.8	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	6.7	ND	ND	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	19	13.1	24.8	21.3	59.7	19.3	3.1	13.2	15.8	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	1.3	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	20.9	13.6	25.8	12.6	92.9	11.6	5.9	11.1	21.3	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	0.30	0.02 B	0.36	0.01 B	1.3	0.03 B	0.001 B	0.04 B	0.3	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	13.3	12.1	16.2	15	23.0	14.4	4.4	11.2	12.6	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	1.0 B	ND	ND	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	61.8	44.8	75.7	48.5	126.0	44.4	19.0	33.1	51.8	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	0.11	0.12	0.12	0.13	0.13	0.20	0.03	0.04	0.05	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**9**	**1.6**	**NR**
2-Butanone (MEK)	0.013	0.017	0.018	0.015	0.018	0.023	ND	ND	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**110**	**120**	**0.5**	**0.26**	**22**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	0.0018	0.0012	0.0006 J	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	0.0011 J	0.0017 J	0.0014 J	0.0013 J	0.0014 J	0.0017 J	ND	ND	0.0014 J	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	0.0013	ND	ND	ND	ND	ND	ND	ND	ND	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-05 3-5 2/10/2004	WPL-SB-06 0.5-2 2/10/2004	WPL-SB-06 3-5 2/10/2004	WPL-SB-08 0.5-2 2/10/2004	WPL-SB-08 3-5 2/10/2004	WPL-SB-09 0.5-2 2/11/2004	WPL-SB-09 4-6 2/11/2004	WPL-SB-10 0.5-2 2/11/2004	WPL-SB-10 3-5 2/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	0.91	ND	0.44J	ND	0.75B	ND	1,100	190,000	0.6	27	410
Arsenic	5.6	5.4	4.9	7.5	6.3	6.1	5.4	7	5.2	53	190,000	5	150	1.9
Beryllium	0.64	0.72	0.7	0.54	0.62	0.54	0.61	0.58	0.3	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	0.65	ND	0.73	ND	0.2B	0.3B	210	190,000	0.5	38	510/1,000
Chromium, total	18.9	15.7	16.3	49	20.8	24.1	16.3	48.1	20.5	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	5.1	ND	420	190,000	10	190	3,100
Copper	16.7	11.5	15.2	26.7	16.5	79.2	15	55.4	20.8	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	11.6	16.5	11.1	36	12.2	51.7	13.3	38.9	23.3	1,000	190,000	0.5	450	NR
Mercury	0.04 B	0.04 B	0.01	0.06	0.04	0.09	0.02B	0.29	0.05	840	190,000	0.2	10	NR
Nickel	12.0	9.1	10.9	14.3	11.8	18.8	10.9	17.5	8.5	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	0.21	ND	0.38B	ND	1B	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	38.7	37.3	35.9	89.6	43.2	215.0	38.8	92.8	72.3	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.046	0.072	0.057	0.071	ND	0.092	0.054	0.098	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	0.0006 J	ND	0.0006 J	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	0.0015 J	ND	0.0022J	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	0.0050 J	0.0082	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.0064	ND	0.0024 J	0.066 J	0.016	0.013	0.019	0.27J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	0.0008 J	ND	0.0005 J	ND	0.0019 J	ND	0.0033J	0.064J	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	3.6	ND	0.022	ND	4.2	1,500	3,300	0.5	0.43	5.3
Toluene	0.0017 J	0.0013 J	0.0013 J	0.0011 J	ND	ND	0.0010 J	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	0.0019 J	ND	0.058J	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	0.005	ND	0.0056	0.44	0.0083	0.0032	0.0076	2.2	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	0.0078	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-10 6-8 2/11/2004	WPL-SB-12 0.5-2 2/11/2004	WPL-SB-12 4-6 2/11/2004	WPL-SB-12 8-10 2/11/2004	WPL-SB-14 0-2 2/16/2004	WPL-SB-14 4-6 2/16/2004	WPL-SB-15 0-2 2/12/2004	WPL-SB-15 9-11 2/12/2004	WPL-SB-15 12-14 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	2.7B	11.8	0.5	ND	0.73	ND	ND	ND	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	6.2	4.6B	7.2B	5.6	4.4	6.8	9.2	5.8	4.2	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.73	0.33B	0.45B	0.7	0.50	0.76	0.88	0.64	0.42	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	1.2B	2.9	ND	0.17	ND	0.68	0.89	0.66	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	18.9	53.1	45.9	18.3	17.5	15.9	56.9	165	44.3	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	12.9	7	**420**	**190,000**	**10**	**190**	**3,100**
Copper	15.1	327	354	13.4	9.4	19.0	49.8	19.8	12.2	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	14.3	57.4	378	13.1	21.6	19.3	179	44	11.8	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	ND	0.09	0.1	ND	ND	0.03	0.18	ND	ND	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	11.7	18.6B	37.9	10.9	6.3	12.1	44.4	15	15.2	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	ND	ND	ND	ND	ND	ND	ND	1.1	0.67	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	0.43B	0.55B	ND	ND	ND	0.31B	ND	ND	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	38.5	2490	1560	42.1	25.5	50.8	105	184	72.6	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.042	0.052	0.043	ND	ND	0.47	0.068	0.048	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	0.0013	ND	ND	ND	0.0004 J	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**9**	**1.6**	**NR**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	0.0068	ND	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	0.0014J	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**410**	**350**	**102,200**
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	0.0007J	ND	ND	**110**	**120**	**0.5**	**0.26**	**22**
Chloroform	ND	ND	ND	ND	ND	ND	0.0006J	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	0.084J	0.0068	0.0026J	0.022	ND	ND	ND	0.0004J	0.0005J	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	ND	0.0005J	0.0005J	ND	ND	ND	ND	ND	ND	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	0.0008 JB	0.0005 JB	ND	ND	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	13	ND	ND	0.0016	ND	ND	ND	ND	ND	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	0.0015J	0.0011J	0.0012J	0.0014 JB	0.0016 JB	ND	0.0032J	0.0016J	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	0.16J	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	4.9	0.0014	0.0031	0.0068	0.0007 J	0.0009 J	0.0005J	ND	ND	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	0.038	ND	ND	ND	ND	ND	ND	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**1,000**	**990**	**200,000**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-16 0.5-2 2/12/2004	WPL-TP-16 5 2/27/2004	WPL-TP-16 11 2/27/2004	WPL-SB-17 0.5-2 2/13/2004	WPL-SB-17 2-4 2/13/2004	WPL-SB-17 11-13 2/13/2004	WPL-SB-18 0.5-2 2/13/2004	WPL-SB-18 5-7 2/13/2004	WPL-SB-18 7-9 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	4.8 B	ND	ND	ND	ND	1.6	ND	ND	1,100	190,000	0.6	27	410
Arsenic	6.4	22.1	4.0	12.3	6.3	4.5	5.7	5.1	5.2	53	190,000	5	150	1.9
Beryllium	0.84	1.3	0.5	0.38	0.68	0.37	0.6	0.54	0.53	5,600	190,000	0.4	320	2,000
Cadmium	0.33B	137	0.83	3.4	ND	ND	ND	3.1	ND	210	190,000	0.5	38	510/1,000
Chromium, total	24	1,790	29.7	98.9	25.6	15.1	170	21	14.9	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	2.8	ND	ND	5.6	3.3	ND	420	190,000	10	190	3,100
Copper	21	2,230	13.4	181	21.5	9	193	20	14.8	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	27.7	5,870	10.3	200	11.7	9.1	194	11.2	9.2	1,000	190,000	0.5	450	NR
Mercury	ND	0.53	0.06	0.11	ND	ND	0.08	0.04B	ND	840	190,000	0.2	10	NR
Nickel	18.2	486	7.0	49.6	15.3	11.4	62.2	13.2	10.6	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	ND	0.55	0.78	0.73	ND	14,000	190,000	5	26	5,100
Silver	ND	10.8	ND	1.2	ND	ND	6.6	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	90.4	2,720	45.7	728	48.3	23.6	481	41.9	32.1	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.043	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	0.22	ND	ND	0.0007J	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	0.0004J	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	1.30	13.0	ND	0.018	0.0014J	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.43	ND	0.0006J	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	7.60	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.63	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	0.0006J	ND	ND	0.0011	ND	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	0.21	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	29.0	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-19 0.5-2 2/12/2004	WPL-SB-19 10-12 2/12/2004	WPL-SB-19 17-19 2/12/2004	WPL-SB-20 0-2 2/17/2004	WPL-SB-20 5-7 2/17/2004	WPL-SB-21 0-2 2/16/2004	WPL-SB-21 2-4 2/16/2004	WPL-SB-22 0-2 2/12/2004	WPL-SB-22 3-5 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	11.3	1,100	190,000	0.6	27	410
Arsenic	2.9	5.2	2.8B	6.6	3.4	8.7	6.4	9.7	79.4	53	190,000	5	150	1.9
Beryllium	0.52	0.49	0.49	0.77	0.82	0.57	0.74	0.55	1	5,600	190,000	0.4	320	2,000
Cadmium	0.13B	ND	0.22B	0.22	ND	0.2	0.09	2.4	62.5	210	190,000	0.5	38	510/1,000
Chromium, total	11.2	22	5.4	17.8	18.1	45.6	16.5	58.3	3430	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	4.6	ND	10	ND	420	190,000	10	190	3,100
Copper	8.1	9.6	11.9	16.2	11.2	29.4	16.4	42.9	607	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	14.7	12.6	9.3	17.4	11.7	26.9	14.5	105	889	1,000	190,000	0.5	450	NR
Mercury	0.03B	ND	ND	ND	ND	0.13	0.09	0.17	0.2	840	190,000	0.2	10	NR
Nickel	7.3	9.3	10.6	9.6	13.1	10.6	10.6	13.6	1710	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	0.78	ND	0.74	0.83	1.4	4.2	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	0.4B	24.4	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	33.6	24.5	33.1	39.4	46.2	48.7	44.6	151	3150	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.051	ND	0.044	ND	0.028	ND	ND	0.034	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	0.004	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	57	0.07	ND	0.0010 J	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.001J	ND	ND	ND	ND	ND	ND	0.0061	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	0.63	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	0.0004 JB	0.0003 JB	0.0005 JB	0.0009 JB	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	0.0012J	0.0013 JB	0.0012 JB	0.0015 JB	0.0015 JB	ND	0.28J	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	0.0005 J	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	0.0027	0.0008 J	0.019	0.034	0.01	0.53	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	0.0046J	ND	ND	ND	ND	ND	3.4	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-22 6-8 2/12/2004	WPL-SB-23 0.5-2 2/12/2004	WPL-SB-23 4-6 2/12/2004	WPL-SB-23 10-12 2/12/2004	WPL-SB-24 0.5-2 2/13/2004	WPL-SB-24 5-7 2/13/2004	WPL-SB-24 10-12 2/13/2004	WPL-SB-25 0.5-2 2/13/2004	WPL-SB-25 2-4 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	4.8	0.7B	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	6	4.8	3.9	4.7	10.8	4.0	7.2	5.5	7.0	53	190,000	5	150	1.9
Beryllium	0.69	0.6	0.49	0.42	0.55	0.6	0.53	0.71	0.63	5,600	190,000	0.4	320	2,000
Cadmium	ND	0.13B	ND	ND	9.1	ND	0.31B	15.1	0.12 B	210	190,000	0.5	38	510/1,000
Chromium, total	22	11.6	17.2	20.1	3820	49.9	21.3	55.7	24.4	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	29.1	11.3	ND	ND	ND	420	190,000	10	190	3,100
Copper	22.2	10.4	16.3	10.8	564	32	19.7	76.7	22.7	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	0.81	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	14.0	16.4	10.3	12.1	573	12.9	18	27.2	12.3	1,000	190,000	0.5	450	NR
Mercury	ND	0.05	ND	ND	0.25	0.07	ND	0.11	0.10	840	190,000	0.2	10	NR
Nickel	15.1	8.4	12.7	12.1	95.1	24.1	10.7	18.3	14.6	56,000	190,000	10	650	20,000
Selenium	0.89	ND	0.7	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	7.6	0.19B	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	48.2	41.5	36.7	27.7	6900	89.3	39.3	100	47.4	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.54	0.074	ND	ND	ND	ND	ND	0.033	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	0.002	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	0.001J	ND	ND	ND	ND	0.0019J	0.0014J	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	1.2	ND	ND	ND	ND	1.2	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.0063	ND	ND	0.001J	ND	0.0014J	0.0046J	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	0.0016J	ND	ND	ND	ND	ND	0.0007J	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.0012J	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	0.001JB	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	0.002J	ND	0.0014J	0.0025J	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0016	0.0013	ND	ND	0.0015	ND	0.0014	0.0004J	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	0.005	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-26 0.5-2 2/12/2004	WPL-SB-26 5-7 2/12/2004	WPL-SB-27 0.5-2 2/13/2004	WPL-SB-27 2-4 2/13/2004	WPL-SB-28 0.5-2 2/12/2004	WPL-TP-28 3 3/1/2004	WPL-SB-28 5-7 2/12/2004	WPL-SB-28 12-14 2/12/2004	WPL-SB-29 0.5-2 2/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	31.5	16.5	ND	ND	12.4	**1,100**	**190,000**	**0.6**	**27**	**410**
Arsenic	6.2	4.5	6.6	5.2	13.2	15	2.8B	4.1	6.2	**53**	**190,000**	**5**	**150**	**1.9**
Beryllium	0.59	0.45	0.69	0.54	0.36	0.42	0.58	0.35	1.2	**5,600**	**190,000**	**0.4**	**320**	**2,000**
Cadmium	ND	ND	ND	ND	4.3	10.6	0.79	0.13B	52.7	**210**	**190,000**	**0.5**	**38**	**510/1,000**
Chromium, total	24.1	15.9	25.5	18.2	221	253	36.3	14.7	325	**190,000**	**190,000**	**10**	**190,000**	**1,500,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	5.3	ND	ND	**420**	**190,000**	**10**	**190**	**3,100**
Copper	17.9	16.4	18.7	19.0	1080	6360	33.2	17.8	213	**100,000**	**190,000**	**100**	**36,000**	**41,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Cyanide, free	ND	ND	NA	NA	NA	NA	NA	NA	NA	**56,000**	**190,000**	**20**	**200**	**20,000**
Lead	12.6	10.8	11.2	11.4	521	914	94.3	19.1	575	**1,000**	**190,000**	**0.5**	**450**	**NR**
Mercury	ND	ND	ND	ND	0.08	0.04	ND	ND	0.17	**840**	**190,000**	**0.2**	**10**	**NR**
Nickel	12.6	11.7	13.9	14.3	263	281	50.8	11.8	50.7	**56,000**	**190,000**	**10**	**650**	**20,000**
Selenium	0.92	0.69	0.92	0.86	1.1B	ND	0.69	ND	ND	**14,000**	**190,000**	**5**	**26**	**5,100**
Silver	ND	ND	ND	ND	1.9	6.7	ND	ND	1.4	**14,000**	**190,000**	**10**	**84**	**5,100**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	**200**	**190,000**	**0.2**	**14**	**72**
Zinc	40.3	36.2	43.1	38.3	2120	8840	98.5	61.2	1960	**190,000**	**190,000**	**200**	**12,000**	**310,000**
Detected Volatile Organics (mg/kg)														
Acetone	0.036	0.042	ND	ND	ND	0.20	ND	0.036	0.93	**10,000**	**10,000**	**1,000**	**110**	**920,000**
Benzene	ND	ND	ND	ND	0.79	0.016	ND	ND	ND	**210**	**240**	**0.5**	**0.13**	**52**
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**9**	**1.6**	**NR**
2-Butanone (MEK)	ND	ND	ND	ND	ND	0.046	ND	0.0087	0.009	**10,000**	**10,000**	**580**	**110**	**613,200**
Carbon Disulfide	ND	ND	ND	ND	ND	0.0053 J	ND	ND	0.001J	**10,000**	**10,000**	**410**	**350**	**102,200**
Carbon Tetrachloride	ND	0.0009J	ND	ND	ND	ND	ND	ND	ND	**110**	**120**	**0.5**	**0.26**	**22**
Chloroform	ND	0.0008J	ND	ND	ND	ND	ND	ND	ND	**17**	**19**	**10**	**2.5**	**10,000**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**10**	**6.1**	**20,000**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,000**	**1,200**	**11**	**2.7**	**102,200**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**63**	**73**	**0.5**	**0.1**	**31**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**33**	**38**	**0.7**	**0.19**	**51,000**
cis 1,2-Dichloroethene	0.0065J	0.0012J	ND	ND	8.6	0.0021 J	0.29J	0.041	0.0059J	**1,900**	**2,100**	**7**	**1.6**	**10,000**
trans-1,2-Dichloroethene	0.0006J	ND	ND	ND	ND	0.0021 J	ND	ND	0.0006J	**3,700**	**4,300**	**10**	**2.3**	**20,000**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**210**	**240**	**2.4**	**0.31**	**260**
Ethylbenzene	ND	0.0006J	ND	ND	0.43J	0.0092	0.23J	ND	0.0004J	**10,000**	**10,000**	**70**	**46**	**100,000**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	0.0005JB	ND	**3,500**	**4,000**	**0.5**	**0.076**	**380**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**28**	**33**	**0.03**	**0.0093**	**14**
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,500**	**3,300**	**0.5**	**0.43**	**5.3**
Toluene	ND	ND	ND	ND	0.83	0.018	ND	0.0013J	ND	**10,000**	**10,000**	**100**	**44**	**204,400**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10,000**	**10,000**	**20**	**7.2**	**286,160**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**100**	**120**	**0.5**	**0.15**	**50**
Trichloroethene (TCE)	0.0068	ND	0.0048	ND	22	0.0033	0.49	0.006J	0.0051	**970**	**1,100**	**0.5**	**0.17**	**7.2**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**310,000**
Vinyl Chloride	ND	ND	ND	ND	11	0.069	0.092J	0.0073	ND	**53**	**220**	**0.2**	**0.027**	**4.0**
Xylenes (total)	ND	0.0013J	ND	ND	2.1	0.017	3.5	ND	0.0024J	**10,000**	**10,000**	**1,000**	**990**	**200,000**

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Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-29 5-7 2/11/2004	WPL-SB-30 0.5-2 2/11/2004	WPL-SB-30 5-7 2/11/2004	WPL-SB-30 8-10 2/11/2004	WPL-SB-31 0-2 2/13/2004	WPL-SB-31 2-4 2/13/2004	WPL-SB-32 0-2 2/16/2004	WPL-SB-32 2-4 2/16/2004	WPL-SB-33 0-2 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	1.6	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	5.7	8.4	4.4	5.1	6.5	6.8	6.2	6.1	6.3	53	190,000	5	150	1.9
Beryllium	0.57	0.6	0.42	0.48	367	0.61	0.65	0.57	0.53	5,600	190,000	0.4	320	2,000
Cadmium	ND	2.3	ND	ND	ND	ND	0.20	ND	ND	210	190,000	0.5	38	510/1,000
Chromium, total	36.2	60.9	159	156	21.6	22.2	19.1	22.5	24.9	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	5.4	ND	14.6	17	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	19.4	185	14.6	20.2	16.8	21.2	17.2	20.1	20.4	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	13.7	291	19.5	17.5	15.2	11.4	19.6	11.6	11.4	1,000	190,000	0.5	450	NR
Mercury	ND	6	ND	ND	ND	ND	ND	ND	ND	840	190,000	0.2	10	NR
Nickel	13.4	47.1	10.2	11.7	12.7	13.8	11.0	14.2	13.4	56,000	190,000	10	650	20,000
Selenium	ND	ND	ND	ND	0.63	0.75	0.60	0.95	0.74	14,000	190,000	5	26	5,100
Silver	ND	3.6	ND	ND	ND	ND	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	49.5	305	35	36.70	41.1	44.2	45.0	44.3	41.9	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.08	0.11	ND	0.050	ND	ND	ND	ND	0.036	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	0.0068	0.012	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	0.0035J	ND	0.0017J	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	0.091J	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.011	ND	0.0013J	ND	ND	ND	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	0.0027J	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	0.0005J	0.0005J	0.41J	0.0004J	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	0.0006JB	ND	0.0012JB	ND	ND	0.0003 JB	0.0005 JB	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	0.055J	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	0.0012 JB	0.0014 JB	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.011	0.002	ND	0.0014	0.0028	0.014	0.0006 J	0.0005 JB	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	0.0018J	0.0026J	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	0.0021J	0.0024J	0.67	0.0012J	ND	ND	ND	ND	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	WPL-SB-33	WPL-SB-34	WPL-SB-34	WPL-SB-35	WPL-SB-35	WPL-SB-36	WPL-SB-36	WPL-SB-37	WPL-TP-37	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	3-5	0-2	4-6	0-2	5-7	0-2	2-4	0.5-2	5	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	2/12/2004	2/11/2004	2/11/2004	2/13/2004	2/13/2004	2/16/2004	2/16/2004	2/11/2004	2/26/2004					
Parameter/Units										(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	2.0	ND	9	47.5	1,100	190,000	0.6	27	410
Arsenic	5.8	5.8	4.4	9.3	5.8	22.5	4.4	47.4	12.8	53	190,000	5	150	1.9
Beryllium	0.59	0.58	0.48	0.67	0.62	0.75	0.73	0.48	0.99	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	0.18 B	ND	ND	ND	31.5	4.3	210	190,000	0.5	38	510/1,000
Chromium, total	16.8	21.1	19.1	25.5	24.0	13.3	17.1	738	6,260	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	17.3	17.7	19.1	20.9	20.1	20.0	12.1	3260	3,500	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	11.9	14.1	10.8	35.3	11.3	58.9	12.5	1230	2,760	1,000	190,000	0.5	450	NR
Mercury	ND	0.26	ND	0.08	ND	0.1	0.03	1.1	0.94	840	190,000	0.2	10	NR
Nickel	12.7	13.8	14.9	13.4	14.3	14.4	10.8	355	587	56,000	190,000	10	650	20,000
Selenium	0.73	ND	ND	0.99	ND	0.88	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	13.4	17.1	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	44.1	47.5	46.5	63.4	45.5	60.9	38.4	5130	1,340	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.044	0.037	0.03	ND	ND	0.031	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	0.0004 J	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.84	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.3J	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	0.42J	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	0.0007 JB	0.0008 JB	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	0.0018 JB	0.0029 JB	0.44J	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	0.0007 J	ND	0.0008 J	0.0009 J	3.1	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.11J	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	6.3	ND	10,000	10,000	1,000	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-37 9-11 2/11/2004	WPL-SB-38 0-2 2/12/2004	WPL-SB-38 3-5 2/12/2004	WPL-SB-39 0-2 2/12/2004	WPL-SB-39 3-5 2/12/2004	WPL-SB-40 0-2 2/13/2004	WPL-SB-40 4-6 2/13/2004	WPL-SB-41 0-2 2/16/2004	WPL-SB-41 5-7 2/16/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	7.7	5.1	4.3	6.5	6	5.1	5.9	7.1	4.6	53	190,000	5	150	1.9
Beryllium	0.71	0.59	0.49	0.57	0.61	0.47	0.52	0.61	0.76	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	ND	ND	0.2B	ND	0.15	0.18	210	190,000	0.5	38	510/1,000
Chromium, total	126	13.1	16.1	16.5	15.9	73.8	25	12.0	22.4	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	9.3	ND	ND	ND	ND	4.3	ND	ND	ND	420	190,000	10	190	3,100
Copper	21.4	9.3	9.7	13.4	10.3	298.0	24.4	10.6	13.4	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	0.65	0.98	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	14.8	16.0	11.2	19.5	13.3	31.4	11.8	11.8	11.5	1,000	190,000	0.5	450	NR
Mercury	ND	0.05	ND	0.07	0.04B	0.07	ND	0.02	ND	840	190,000	0.2	10	NR
Nickel	15.6	7.7	11.2	9.3	8.9	48.7	17.6	5.1	12.0	56,000	190,000	10	650	20,000
Selenium	ND	0.63	0.62B	0.81	0.88	ND	ND	1.1	0.64	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	0.29B	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	44.8	29.7	42.6	36.4	28.5	111	55	15.6	41.9	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.56	0.043	0.03	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	0.0019J	0.0006J	0.0006J	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	0.0007J	ND	ND	0.0008J	ND	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	0.0022JB	0.0014JB	ND	ND	ND	0.0007 JB	0.0008 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	0.0026 JB	0.0028 KB	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	0.0007J	0.0039	ND	0.0012J	0.0061	0.0007 J	0.0008 J	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-42 0-2 2/16/2004	WPL-SB-42 5-7 2/16/2004	WPL-SB-43 0-2 2/16/2004	WPL-SB-43 2-4 2/16/2004	WPL-SB-43 6-8 2/16/2004	WPL-SB-44 0-2 2/16/2004	WPL-SB-44 4-6 2/16/2004	WPL-SB-45 0.5-2 2/13/2004	WPL-SB-45 3-5 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	1.6	10.7	1,100	190,000	0.6	27	410
Arsenic	5.3	3.7	5.5	6.5	8.3	6.2	6.2	6	12.4	53	190,000	5	150	1.9
Beryllium	0.23	0.87	0.57	0.62	0.72	0.53	0.56	0.56	0.75	5,600	190,000	0.4	320	2,000
Cadmium	0.14	0.18	0.19	0.12	0.22	0.15	0.13	2.9	17.4	210	190,000	0.5	38	510/1,000
Chromium, total	9.5	13.9	10.3	13.3	33.0	14.7	20.2	69.7	160	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	8.9	ND	420	190,000	10	190	3,100
Copper	9.3	9.7	12.3	8.9	26.8	8.6	18.5	133	872	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	14.4	11.8	9.4	9.9	15.3	9.2	10.5	102	867	1,000	190,000	0.5	450	NR
Mercury	0.04	0.07	0.03	0.02	0.03	0.02	0.03	0.11	0.07	840	190,000	0.2	10	NR
Nickel	4.1	10.1	8.4	5.7	16.8	4.7	13.0	26.9	73.1	56,000	190,000	10	650	20,000
Selenium	0.83	0.62	0.85	0.53	1.1	1.1	0.87	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	0.47B	5.4	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	7.7	36.5	50.7	15.1	56.5	14.2	41.3	420	2160	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.038	0.020	ND	0.034	ND	ND	0.03	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	0.0006J	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	0.0022 J	0.0015 J	ND	ND	ND	0.001J	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.01	0.096J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.0008J	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0006 JB	0.0007 JB	0.0006 JB	0.0007 JB	0.0007 JB	ND	0.0007 JB	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	ND	ND	0.0093	ND	0.0011	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	0.0020 JB	0.0028 JB	0.0018 JB	0.0026 JB	0.0028 JB	0.0018 JB	0.0017 JB	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0006 J	0.0009 J	0.0005 J	0.0009 J	0.0013	0.0006 J	0.0008 J	0.0032	0.27	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.023	0.054J	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
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Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-TP-45 8 2/26/2004	WPL-SB-46 0-2 2/12/2004	WPL-SB-46 2-4 2/12/2004	WPL-SB-47 0-2 2/12/2004	WPL-SB-47 2-4 2/12/2004	WPL-SB-48 0-2 2/12/2004	WPL-SB-48 2-4 2/12/2004	WPL-SB-49 0-2 2/4/2004	WPL-SB-49 2-4 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	19	ND	24.2	ND	ND	ND	1,100	190,000	0.6	27	410
Arsenic	4.0	6.3	7.0	13.1	5.8	10.3	3.9	6	5.7	53	190,000	5	150	1.9
Beryllium	0.64	0.69	0.61	0.52	0.84	0.66	0.79	0.61	0.77	5,600	190,000	0.4	320	2,000
Cadmium	ND	0.1B	ND	16.6	0.29B	7	ND	1.3	0.09B	210	190,000	0.5	38	510/1,000
Chromium, total	23.2	26	27.6	470	18.3	197	16.1	15.2	15.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	24.8	ND	6.7	ND	ND	ND	420	190,000	10	190	3,100
Copper	17.7	23	26	729	16.2	316	11.6	22.2	10.7	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	0.86	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	13.6	17.7	12.3	797	17	306	15.8	39	16.2	1,000	190,000	0.5	450	NR
Mercury	ND	ND	ND	0.88	0.06	0.37	ND	0.14	0.04B	840	190,000	0.2	10	NR
Nickel	13.4	15.4	15.6	140	13.2	57.5	11.2	8.5	10.7	56,000	190,000	10	650	20,000
Selenium	ND	1.5	0.97	ND	ND	ND	ND	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	15.9	ND	3.1	ND	ND	ND	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	51.2	77.7	55.2	2220	64.2	1080	45.3	63.5	41.6	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.037	0.93	0.17	ND	0.59	ND	0.036	0.047	0.026	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	0.012	0.032	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	0.0004J	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0009 J	ND	ND	0.082J	0.0089	6	0.0054J	0.0045J	0.009	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.0004J	0.34J	0.0004J	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	0.0006J	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	0.0039	0.016	0.29	0.023	0.073J	ND	0.15	0.064	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	0.047J	ND	0.08J	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	ND	ND	1	0.022	13	0.0011J	0.14	0.077	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	0.0019 J	ND	ND	ND	ND	ND	ND	ND	0.0024J	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-49 11-13 2/4/2004	WPL-TP-50 5 2/26/2004	WPL-SB-51 0-2 3/9/2004	WPL-SB-51 5-7 3/9/2004	WPL-SB-51 12-14 3/9/2004	WPL-SB-52 0-2 3/9/2004	WPL-SB-52 5-7 3/9/2004	WPL-SB-52 12-14 3/9/2004	WPL-SB-53 0-2 3/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	9.5	ND	NA	NA	ND	NA	NA	6.1	1,100	190,000	0.6	27	410
Arsenic	5.9	16.0	5.3	NA	NA	17	NA	NA	6.5	53	190,000	5	150	1.9
Beryllium	0.48	0.94	0.62	NA	NA	0.64	NA	NA	0.58	5,600	190,000	0.4	320	2,000
Cadmium	0.15B	62.6	ND	NA	NA	92.8	NA	NA	6.1	210	190,000	0.5	38	510/1,000
Chromium, total	15.6	2,940	18.2	NA	NA	11.8	NA	NA	155	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	NA	NA	ND	NA	NA	ND	420	190,000	10	190	3,100
Copper	19.1	871	30.7	NA	NA	19	NA	NA	241`	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	NA	NA	1.7	NA	NA	1.1	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	10.8	1,700	15.3	NA	NA	32.4	NA	NA	395	1,000	190,000	0.5	450	NR
Mercury	ND	0.72	0.05	NA	NA	0.08	NA	NA	0.16	840	190,000	0.2	10	NR
Nickel	13.7	220	10.7	NA	NA	7.1	NA	NA	30.7	56,000	190,000	10	650	20,000
Selenium	ND	ND	0.56 B	NA	NA	1.2	NA	NA	0.89	14,000	190,000	5	26	5,100
Silver	ND	15.3	ND	NA	NA	ND	NA	NA	3.7	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	NA	NA	ND	NA	NA	ND	200	190,000	0.2	14	72
Zinc	42.9	11,100	50.6	NA	NA	87.8	NA	NA	1320	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	ND	0.024	ND	ND	0.038	10,000	10,000	1,000	110	920,000
Benzene	ND	0.21	ND	ND	ND	ND	ND	ND	0.0005 J	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	0.017	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	9.00	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.23 J	ND	ND	ND	ND	ND	0.0047 J	0.096	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.0017 J	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	5.30	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	ND	ND	ND	0.0007 JB	0.0006 JB	0.0008 JB	0.0006 JB	0.0008 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.13	ND	550	12	0.02	0.028	0.059	0.076	0.001 J	1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.41	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.26	0.76	3.3	0.13	0.0021	0.0007 J	0.015	0.039	0.12	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	14.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-53 3-5 3/9/2004	WPL-SB-54 0-2 3/9/2004	WPL-SB-54 2-4 3/9/2004	WPL-SB-55 0-2 3/9/2004	WPL-SB-55 5-7 3/9/2004	WPL-SB-55 13-14 3/9/2004	WPL-SB-56 0-2 3/9/2004	WPL-SB-56 3-5 3/9/2004	WPL-SB-57 0-2 3/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	NA	ND	NA	12.1	ND	NA	11.5	ND	21.6	1,100	190,000	0.6	27	410
Arsenic	NA	6.3	NA	9.2	5.7	NA	11.2	5.7	10.8	53	190,000	5	150	1.9
Beryllium	NA	0.63	NA	0.38	0.52	NA	0.56	0.55	0.53	5,600	190,000	0.4	320	2,000
Cadmium	NA	2	NA	12.6	0.17 B	NA	12.2	ND	11.5	210	190,000	0.5	38	510/1,000
Chromium, total	NA	33	NA	321	32.5	NA	544	20.7	490	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	ND	NA	33.4	ND	NA	512	ND	22.4	420	190,000	10	190	3,100
Copper	NA	28	NA	675	81.2	NA	1750	19.7	800	100,000	190,000	100	36,000	41,000
Cyanide, total	NA	ND	NA	ND	ND	NA	ND	ND	2.1	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	NA	35.4	NA	668	44.0	NA	460	17.9	1300	1,000	190,000	0.5	450	NR
Mercury	NA	0.05	NA	0.52	0.05	NA	0.69	0.03 B	1.2	840	190,000	0.2	10	NR
Nickel	NA	13.4	NA	67.9	15.2	NA	114	13.6	91.1	56,000	190,000	10	650	20,000
Selenium	NA	0.83	NA	2	0.91	NA	1.8	0.51 B	1.7	14,000	190,000	5	26	5,100
Silver	NA	ND	NA	9.1	0.21 B	NA	7.5	ND	14.3	14,000	190,000	10	84	5,100
Thallium	NA	ND	NA	ND	ND	NA	ND	ND	ND	200	190,000	0.2	14	72
Zinc	NA	209	NA	2380	111	NA	2350	39.7	2720	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.028	0.041	ND	ND	ND	0.029	0.024	0.028	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0.0021	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	ND	ND	5.2	40	0.0066	0.014	0.0059 J	0.003 J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	0.15 J	ND	ND	0.0017 J	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	ND	0.0008 JB	0.0008 JB	ND	ND	0.001 JB	0.0008 JB	0.0010 JB	0.0012 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.31	0.021	0.033	ND	14	0.0014	0.0011 J	0.011	0.1	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	0.0016 J	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	0.54 J	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.110 J	0.0064	0.014	2.1	77	0.0096	0.03	0.025	0.03	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	0.088 J	1.40 J	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-57 4 3/10/2004	WPL-SB-58 0-2 3/10/2004	WPL-SB-58 5-7 3/10/2004	WPL-SB-59 2-4 3/10/2004	WPL-SB-59 7-9 3/10/2004	WPL-SB-60 0-2 3/10/2004	WPL-SB-60 2-4 3/10/2004	WPL-SB-61 2-6 3/10/2004	WPL-SB-61 6-8 3/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	NA	3	ND	38.7	ND	ND	ND	33.4	1.7	1,100	190,000	0.6	27	410
Arsenic	NA	6.4	5.6	6.2	4.3	9.7	5.4	9.9	2.3	53	190,000	5	150	1.9
Beryllium	NA	1.1	0.51	0.56	0.46	0.47	0.78	0.42 B	0.53	5,600	190,000	0.4	320	2,000
Cadmium	NA	2.8	ND	1.4	ND	0.62	ND	4.9	ND	210	190,000	0.5	38	510/1,000
Chromium, total	NA	56.6	26.4	233	16.5	55.9	15.9	146	21.8	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	2.6	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	NA	100	32.4	632	16.3	71.4	12.2	2540	33	100,000	190,000	100	36,000	41,000
Cyanide, total	NA	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	NA	265	35.6	2570	9.9	42.7	14.9	760	24.1	1,000	190,000	0.5	450	NR
Mercury	NA	0.32	0.04	0.07	ND	0.03	0.06	0.21	0.03 B	840	190,000	0.2	10	NR
Nickel	NA	16.4	12	876	13.8	17.6	10.7	98.3	14.7	56,000	190,000	10	650	20,000
Selenium	NA	1.3	0.64	ND	ND	0.83	0.57 B	ND	ND	14,000	190,000	5	26	5,100
Silver	NA	3.2	ND	3	ND	ND	ND	15.2	0.39 B	14,000	190,000	10	84	5,100
Thallium	NA	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	NA	390	74.2	815	42.7	171	39.3	2500	78.7	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	0.023	ND	ND	ND	ND	0.027	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	ND	0.77	ND	0.0011 J	ND	ND	ND	0.007	0.0008 J	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.0007 J	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0009 JB	ND	0.0015 JB	0.0009 JB	ND	0.0013 JB	ND	0.0008 JB	0.0010 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.059	4.6	0.0029	ND	ND	ND	ND	ND	0.0004 J	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	0.21 J	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0052	16	0.022	0.0044	ND	ND	ND	0.0029	0.0028	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	0.0047 J	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	WPL-SB-62	WPL-SB-62	WPL-SB-63	WPL-SB-63	WPL-SB-64	WPL-SB-64	WPL-SB-65	WPL-SB-66	WPL-SB-66	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	2-4	6-8	0-2	5-7	1-2	5-7	1-2	2-4	12-13	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	3/10/2004	3/10/2004	3/10/2004	3/10/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004					
Parameter/Units										(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	0.91 B	ND	ND	ND	ND	0.86 B	ND	1.7	NA	1,100	190,000	0.6	27	410
Arsenic	6.2	4.5	5.5	5	5.1	4.8	6.3	5.1	NA	53	190,000	5	150	1.9
Beryllium	0.76	0.49	0.58	0.48	0.55	0.47	0.55	0.61	NA	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	ND	ND	0.21 B	0.33 B	0.08 B	0.89	NA	210	190,000	0.5	38	510/1,000
Chromium, total	19.6	18	13.2	19.2	35.3	458	23	24	NA	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	84.5	ND	ND	NA	420	190,000	10	190	3,100
Copper	8.8	17.6	12.3	19.9	15.3	36.6	20.7	36.4	NA	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	0.72	0.97	ND	NA	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	15.3	10	17.6	9.8	25.3	24.7	11.3	209	NA	1,000	190,000	0.5	450	NR
Mercury	0.05	0.03 B	0.06	0.04 B	0.22	0.03 B	0.03 B	0.05	NA	840	190,000	0.2	10	NR
Nickel	8.6	13.1	7.8	11.6	19.5	19.6	13.7	13.3	NA	56,000	190,000	10	650	20,000
Selenium	ND	ND	0.72	0.64	ND	ND	0.65	ND	NA	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	1.1 B	ND	ND	NA	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	NA	200	190,000	0.2	14	72
Zinc	30.9	43.7	29.1	38	52.2	128	40.7	133	NA	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	0.045	ND	ND	ND	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	0.001 J	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	0.001 J	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0016 J	0.0027 J	0.0006 J	ND	0.0036 J	ND	0.0098	560	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	0.0016 J	2.5	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0008 JB	0.0011 JB	0.0012 JB	ND	0.0007 JB	ND	0.0008 JB	ND	0.001 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	0.0005 J	ND	ND	ND	ND	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	0.0017 J	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0006 J	0.022	0.0014	ND	0.0006 J	0.18	0.003	56	ND	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	0.0012 J	ND	0.0051 J	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	0.016	8.7	ND	16	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-67 0.5-2 3/11/2004	WPL-SB-67 5-7 3/11/2004	WPL-SB-68 0.5-2 3/11/2004	WPL-SB-68 6-8 3/11/2004	WPL-SB-69 5-7 3/11/2004	WPL-SB-70 0-2 3/12/2004	WPL-SB-70 2-4 3/12/2004	WPL-SB-71 0.5-2 3/11/2004	WPL-SB-71 2-4 3/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	ND	ND	ND	ND	ND	ND	ND	1.2	3.2	1,100	190,000	0.6	27	410
Arsenic	4.5	5.3	5.2	5.1	4.6	6.6	6.7	5.6	6.6	53	190,000	5	150	1.9
Beryllium	0.53	0.58	0.57	0.54	0.5	0.61	0.63	0.49	0.51	5,600	190,000	0.4	320	2,000
Cadmium	ND	ND	0.19 B	ND	ND	0.10 B	0.24 B	0.61	2.9	210	190,000	0.5	38	510/1,000
Chromium, total	17.7	15.6	21.8	15	20.6	22.2	23.4	26.9	56.2	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	420	190,000	10	190	3,100
Copper	17.5	15.3	17.5	15	18.1	18	20.7	50.5	484	100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	7.7	11	11.3	9.3	21.4	18.3	12.2	36	224	1,000	190,000	0.5	450	NR
Mercury	0.03 B	0.04 B	0.04	0.03 B	0.03 B	0.05	0.04	0.21	0.08	840	190,000	0.2	10	NR
Nickel	14.2	11.6	13.5	12.1	12.9	13.2	13.6	12.2	16.9	56,000	190,000	10	650	20,000
Selenium	ND	0.54 B	0.7	ND	ND	0.66	0.98	ND	ND	14,000	190,000	5	26	5,100
Silver	ND	ND	ND	ND	ND	ND	ND	1.1	1.0 B	14,000	190,000	10	84	5,100
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	190,000	0.2	14	72
Zinc	41	36.2	40.6	35.9	48.8	48.3	44.2	93.4	1040	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	ND	ND	0.027	ND	0.027	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	0.0005 J	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	0.001 J	ND	ND	ND	ND	0.0008 J	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.024	0.074	0.026	0.58	ND	ND	ND	0.004 J	ND	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	0.0024 J	0.0008 J	ND	ND	ND	ND	0.0007 J	ND	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	0.22 J	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0008 JB	0.0009 JB	0.0009 JB	ND	ND	0.0014 JB	0.0011 JB	ND	ND	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.0004 J	ND	ND	ND	ND	0.0003 J	ND	ND	ND	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0038	0.0028	0.0021	ND	ND	0.0015	0.0016	0.0036	0.36	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	0.0003 J	0.068	0.037	0.22 J	ND	ND	ND	0.0016 J	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	0.23 J	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-71 7-8 3/11/2004	WPL-SB-72 0-2 3/12/2004	WPL-SB-72 6-7 3/12/2004	WPL-SB-73 0-2 3/12/2004	WPL-SB-73 6-7 3/12/2004	WPL-SB-74 0-2 3/12/2004	WPL-SB-74 6-7 3/12/2004	WPL-SB-75 0-2 3/12/2004	WPL-SB-75 '5-6 3/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	NA	0.49 B	NA	ND	NA	ND	NA	3.7	NA	1,100	190,000	0.6	27	410
Arsenic	NA	6.0	NA	6.6	NA	5	NA	7	NA	53	190,000	5	150	1.9
Beryllium	NA	0.66	NA	0.41	NA	0.67	NA	0.65	NA	5,600	190,000	0.4	320	2,000
Cadmium	NA	ND	NA	ND	NA	0.31 B	NA	4.2	NA	210	190,000	0.5	38	510/1,000
Chromium, total	NA	18.2	NA	7.4	NA	18.5	NA	108	NA	190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	NA	ND	NA	ND	NA	ND	NA	ND	NA	420	190,000	10	190	3,100
Copper	NA	24.6	NA	100	NA	15.4	NA	180.0	NA	100,000	190,000	100	36,000	41,000
Cyanide, total	NA	ND	NA	ND	NA	0.79	NA	1	NA	NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	20	200	20,000
Lead	NA	85.9	NA	13.7	NA	12.1	NA	260	NA	1,000	190,000	0.5	450	NR
Mercury	NA	0.04 B	NA	0.07	NA	0.05	NA	0.13	NA	840	190,000	0.2	10	NR
Nickel	NA	11.1	NA	4.4 B	NA	11.6	NA	28.4	NA	56,000	190,000	10	650	20,000
Selenium	NA	ND	NA	0.75	NA	0.62	NA	1.3	NA	14,000	190,000	5	26	5,100
Silver	NA	ND	NA	ND	NA	ND	NA	1.9	NA	14,000	190,000	10	84	5,100
Thallium	NA	ND	NA	ND	NA	ND	NA	ND	NA	200	190,000	0.2	14	72
Zinc	NA	245	NA	31.4	NA	87.9	NA	742	NA	190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	0.046	ND	ND	ND	0.051	ND	ND	ND	10,000	10,000	1,000	110	920,000
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	0.0067	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	0.0025 J	ND	ND	ND	ND	ND	ND	ND	ND	1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	63	73	0.5	0.1	31
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.12 J	ND	33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0036 J	ND	ND	9.2	0.0021 J	ND	ND	2	0.13	1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	0.0021 J	3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	NR
Methylene Chloride	0.0008 JB	0.0014 JB	0.0013 JB	ND	0.0014 JB	0.001 JB	0.0011 JB	ND	0.0015 JB	3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	0.019	0.023	0.018	10	0.012	0.012	0.0085	0.1 J	0.0012	1,500	3,300	0.5	0.43	5.3
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	0.0019 J	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	120	0.5	0.15	50
Trichloroethene (TCE)	0.0026	0.0046	0.017	710	0.046	0.021	0.02	16	0.078	970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	310,000
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	53	220	0.2	0.027	4.0
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 4.
Preliminary* Soil Data Summary - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-76 0.5-2 3/12/2004	WPL-SB-76 3-6 3/12/2004	WPL-SB-76 12-13 3/12/2004	WPL-SB-77 0.5-2 3/12/2004	WPL-SB-77 4-6 3/12/2004					ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Metals/Inorganics (mg/kg)														
Antimony	1.9	7.6	NA	0.63 B	ND					1,100	190,000	0.6	27	410
Arsenic	7.2	7.6	NA	6.9	6.7					53	190,000	5	150	1.9
Beryllium	0.46	0.56	NA	0.64	0.62					5,600	190,000	0.4	320	2,000
Cadmium	2.6	4	NA	0.61	0.25 B					210	190,000	0.5	38	510/1,000
Chromium, total	62.7	58	NA	26.1	31.1					190,000	190,000	10	190,000	1,500,000
Chromium, hexavalent	ND	ND	NA	ND	ND					420	190,000	10	190	3,100
Copper	212	452	NA	33.2	20.2					100,000	190,000	100	36,000	41,000
Cyanide, total	ND	ND	NA	ND	ND					NR	NR	NR	NR	NR
Cyanide, free	NA	NA	NA	NA	NA					56,000	190,000	20	200	20,000
Lead	115	598	NA	42.7	11.6					1,000	190,000	0.5	450	NR
Mercury	0.11	0.22	NA	0.06	0.04 B					840	190,000	0.2	10	NR
Nickel	23.9	46.5	NA	21.1	13.5					56,000	190,000	10	650	20,000
Selenium	ND	1.2	NA	0.49 B	0.79					14,000	190,000	5	26	5,100
Silver	4.6	0.68 B	NA	0.17 B	ND					14,000	190,000	10	84	5,100
Thallium	ND	ND	NA	ND	ND					200	190,000	0.2	14	72
Zinc	357	708	NA	77.4	46.7					190,000	190,000	200	12,000	310,000
Detected Volatile Organics (mg/kg)														
Acetone	ND	ND	ND	0.068	ND					10,000	10,000	1,000	110	920,000
Benzene	ND	0.093 J	ND	ND	ND					210	240	0.5	0.13	52
Bromochloromethane	ND	ND	ND	ND	ND					10,000	10,000	9	1.6	NR
2-Butanone (MEK)	ND	ND	ND	0.013	ND					10,000	10,000	580	110	613,200
Carbon Disulfide	ND	ND	ND	ND	ND					10,000	10,000	410	350	102,200
Carbon Tetrachloride	ND	ND	ND	ND	ND					110	120	0.5	0.26	22
Chloroform	ND	ND	ND	ND	ND					17	19	10	2.5	10,000
Chlorobenzene	ND	ND	ND	ND	ND					10,000	10,000	10	6.1	20,000
1,1-Dichloroethane	ND	ND	ND	ND	ND					1,000	1,200	11	2.7	102,200
1,2-Dichloroethane	ND	ND	ND	ND	ND					63	73	0.5	0.1	31
1,1-Dichloroethene	ND	0.098 J	ND	ND	ND					33	38	0.7	0.19	51,000
cis 1,2-Dichloroethene	0.0012 J	3.8	ND	0.0006 J	ND					1,900	2,100	7	1.6	10,000
trans-1,2-Dichloroethene	ND	1.6	ND	ND	ND					3,700	4,300	10	2.3	20,000
1,4 Dioxane	ND	ND	ND	ND	ND					210	240	2.4	0.31	260
Ethylbenzene	ND	ND	ND	ND	ND					10,000	10,000	70	46	100,000
2-Hexanone	ND	ND	ND	ND	ND					NR	NR	NR	NR	NR
Methylene Chloride	0.0009 JB	ND	0.001 JB	0.0024 JB	0.0011 JB					3,500	4,000	0.5	0.076	380
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND					28	33	0.03	0.0093	14
Tetrachloroethene (PCE)	ND	ND	0.0026	ND	0.01					1,500	3,300	0.5	0.43	5.3
Toluene	ND	0.16 J	ND	ND	ND					10,000	10,000	100	44	204,400
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND					10,000	10,000	20	7.2	286,160
1,1,2-Trichloroethane	ND	ND	ND	ND	ND					100	120	0.5	0.15	50
Trichloroethene (TCE)	ND	14	ND	ND	0.0018					970	1,100	0.5	0.17	7.2
Trichlorofluoromethane	ND	ND	ND	ND	ND					NR	NR	NR	NR	310,000
Vinyl Chloride	0.026	1.5	ND	0.0046 J	ND					53	220	0.2	0.027	4.0
Xylenes (total)	ND	0.40 J	ND	ND	ND					ND	ND	ND	990	200,000

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-1-3 4.0-6.0 1991	WPLSS-2-2 2.0-4.0 1991	WPLSS-2-3 1991	WPLSS-22-3 Duplicate 1991	WPLSS-3-4 6.0-8.0 1991	WPLSS-5-2 2.0-4.0 1991	WPLSS-6-2 2.0-4.0 1991	WPLSS-7-4 6.0-8.0 1991	WPLSS-9-2 2.0-4.0 1991	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	 Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	7	27	10,220
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	610	6,900	NR
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,700	10,000	0.6	130	200
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,000	190,000	13	83	140
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,000	190,000	0.19	230	390
Di-n-butylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.036	160	0.39
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	26	3,200	41,000
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	16,000	190,000	53	83	584
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	660	190,000	0.1	5	24
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	110	10,000	NR
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	ND	ND	NA	NA	NA	NA	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	ND	ND	NA	NA	NA	NA	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	ND	ND	NA	NA	NA	NA	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	ND	ND	NA	NA	NA	NA	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	ND	ND	NA	NA	NA	NA	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	ND	ND	NA	NA	NA	NA	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	ND	ND	NA	NA	NA	NA	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-10-2 2.0-4.0 1991	WPLSS-11-1 0.0-2.0 1991	WPLSS-12-4 6.0-8.0 1991	WPLSS-13-3 1991	WPLSS-13-4 6.0-8.0 1991	WPLSS-14-4 6.0-8.0 1991	WPLSS-15-4 6.0-7.0 1991	WPLSS-16-4 6.0-8.0 1991	WPLSS-26-4 Duplicate 1991	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	7	27	10,220
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	610	6,900	NR
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,700	10,000	0.6	130	200
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,000	190,000	13	83	140
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.036	160	0.39
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	26	3,200	41,000
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	16,000	190,000	53	83	584
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	660	190,000	0.1	5	24
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	110	10,000	NR
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	ND	NA	NA	NA	ND	NA	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	ND	NA	NA	NA	ND	NA	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	ND	NA	NA	NA	ND	NA	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	ND	NA	NA	NA	ND	NA	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	ND	NA	NA	NA	ND	NA	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	ND	NA	NA	NA	ND	NA	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	5.3	NA	NA	NA	ND	NA	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLSS-17-1 0.0-2.0 1991	WPLSS-18-3 4.0-6.0 1991	WPLSS-19-4 6.0-8.0 1991	WPLSS-20-6 10.0-12.0 1991	WPLTP-2-1 3 1991	WPLTP-2-2 2.5 1991	WPLTP-2-3 1.5 1991	WPLTP-2-4 Drum 1991 (Grease)	WPLTP-2-5 Drum 1991 (Semi-Solid)	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	7	27	10,220
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	610	6,900	NR
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,700	10,000	0.6	130	200
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,000	190,000	13	83	140
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.036	160	0.39
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	26	3,200	41,000
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	16,000	190,000	53	83	584
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	660	190,000	0.1	5	24
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	110	10,000	NR
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	NA	NA	ND	ND	ND	NA	ND	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	NA	NA	ND	ND	ND	NA	ND	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	NA	NA	ND	ND	ND	NA	ND	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	NA	NA	ND	ND	ND	NA	ND	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	NA	NA	ND	ND	ND	NA	ND	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	NA	NA	36	ND	ND	NA	2.2	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	NA	NA	ND	ND	ND	NA	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPLTP-11-1 3.0 1991	WPLTP-11-2 2.0 1991	WPLTP-11-3 Waste 1991 (Lard)	WPLTP-11-4 Bucket 1991 (Sludge)	WPLTP-15-1 Orange Waste 1991 (Semi-Solid)	WPLTP-15-2 Orange Waste 1991 (Semi-Solid)	WPLTP-15-3 Blue Waste 1991 (Semi-Solid)	TP-15-B-1 Bucket 1991 (Sandy Soil)	TP-15-B-3 6.0 1991 (Soil)	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	7	27	10,220
Acenaphthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	610	6,900	NR
Anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	NA	NA	NA	NA	NA	NA	NA	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	5,700	10,000	0.6	130	200
Carbazole	NA	NA	NA	NA	NA	NA	NA	NA	NA	4,000	190,000	13	83	140
Chrysene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	190,000	0.036	160	0.39
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	26	3,200	41,000
Fluorene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA	NA	NA	16,000	190,000	53	83	584
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA	NA	NA	660	190,000	0.1	5	24
Phenanthrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	190,000	190,000	110	10,000	NR
Pyrene	NA	NA	NA	NA	NA	NA	NA	NA	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	NA	ND	NA	NA	NA	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	NA	ND	NA	NA	NA	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	NA	ND	NA	NA	NA	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	NA	ND	NA	NA	NA	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	NA	ND	NA	NA	NA	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	1.5	12	NA	14	NA	NA	NA	7.2	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	NA	ND	NA	NA	NA	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID	TP-15-B-4	WPLTP-18-1	WPL-SG-29a	WPL-SG-29b	WPL-SG-32a	WPL-SG-32b	WPL-SG-33a	WPL-SG-33b	WPL-SG-47a	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS				EPA RISK-BASED CONCENTRATIONS
										Direct Contact,	Direct Contact,	SOIL to GW - USED AQUIFER		
Depth (ft.)	3.5	3.0	2-3	18-20	10-11	20.5-21.5	2-4	8-9	8-9	Surface Soil	Subsurface Soil	100 x GW MSC	Generic	Industrial Soil
Sample Date	1991	1991	12/28/1999	12/28/1999	12/28/1999	12/28/1999	12/29/1999	12/29/1999	12/28/1999					
Parameter/Units	(Sand)									(0 - 2 Feet)	(2 - 15 Feet)			[Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	8.82	**3,300**	**190,000**	**7.5**	**10**	**120**
1,2-Dichlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	0.475	**10,000**	**10,000**	**60**	**59**	**91,980**
1,3-Dichlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	1.93	**10,000**	**10,000**	**60**	**61**	**30,660**
2,6-Dinitrotoluene	NA	NA	ND	ND	ND	ND	ND	ND	0.502	**2,800**	**190,000**	**10**	**3**	**1,000**
2-Methylnaphthalene	NA	NA	ND	ND	ND	ND	ND	1.32	0.409	**10,000**	**10,000**	**200**	**8,000**	**4,100**
4-Methylphenol	NA	NA	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**5,110**
4-Nitrophenol	NA	NA	ND	ND	ND	ND	ND	ND	ND	**22,000**	**190,000**	**6**	**4.1**	**NR**
1,2,4-Trichlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	0.707	**10,000**	**10,000**	**7**	**27**	**10,220**
Acenaphthene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**380**	**4,700**	**61,000**
Acenaphthylene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**610**	**6,900**	**NR**
Anthracene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**190,000**	**190,000**	**6.6**	**350**	**310,000**
Benzo (a) anthracene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**110**	**190,000**	**0.36**	**320**	**3.9**
Benzo (a) pyrene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**11**	**190,000**	**0.02**	**46**	**0.39**
Benzo (b) fluoranthene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**110**	**190,000**	**0.12**	**170**	**3.9**
Benzo (g,h,i) perylene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**170,000**	**190,000**	**0.026**	**180**	**NR**
Benzo (k) fluoranthene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**1,100**	**190,000**	**0.055**	**610**	**39**
Bis (2-ethyl hexyl) phthalate	NA	NA	ND	ND	ND	ND	ND	1.91	8.29	**5,700**	**10,000**	**0.6**	**130**	**200**
Carbazole	NA	NA	ND	ND	ND	ND	ND	ND	ND	**4,000**	**190,000**	**13**	**83**	**140**
Chrysene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**11,000**	**190,000**	**0.19**	**230**	**390**
Di-n-butylpthalate	NA	NA	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**102,200**
Di-n-octylphthalate	NA	NA	ND	ND	ND	ND	ND	ND	6.86	**10,000**	**10,000**	**200**	**10,000**	**41,000**
Dibenzo (a,h) anthracene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**11**	**190,000**	**0.036**	**160**	**0.39**
Dibenzofuran	NA	NA	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**2,000**
Dimethylphthalate	NA	NA	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**NR**	**NR**	**10,000,000**
Fluoranthene	NA	NA	ND	ND	ND	ND	ND	ND	0.719	**110,000**	**190,000**	**26**	**3,200**	**41,000**
Fluorene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**110,000**	**190,000**	**190**	**3,800**	**41,000**
Hexachlorobenzene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**50**	**190,000**	**0.1**	**0.96**	**1.8**
Hexachloroethane	NA	NA	ND	ND	ND	ND	ND	ND	ND	**2,800**	**190,000**	**0.1**	**0.56**	**200**
Indeno (1,2,3-cd) pyrene	NA	NA	ND	ND	ND	ND	ND	ND	ND	**110**	**190,000**	**0.36**	**28,000**	**3.9**
N-Nitrosodiphenylamine	NA	NA	ND	ND	ND	ND	ND	ND	ND	**16,000**	**190,000**	**53**	**83**	**584**
Naphthalene	NA	NA	ND	ND	ND	ND	ND	1.23	0.792	**56,000**	**190,000**	**10**	**25**	**20,000**
Pentachlorophenol	NA	NA	ND	ND	ND	ND	ND	ND	ND	**660**	**190,000**	**0.1**	**5**	**24**
Phenanthrene	NA	NA	ND	ND	ND	ND	ND	ND	0.513	**190,000**	**190,000**	**110**	**10,000**	**NR**
Pyrene	NA	NA	ND	ND	ND	ND	ND	ND	0.736	**84,000**	**190,000**	**13**	**2,200**	**31,000**
PCBs (mg/kg)														
Arochlor-1016	ND	ND	NA	NA	NA	NA	NA	NA	NA	**200**	**10,000**	**0.72**	**200**	**41**
Arochlor-1221	ND	ND	NA	NA	NA	NA	NA	NA	NA	**160**	**10,000**	**0.52**	**3**	**1.4**
Arochlor-1232	ND	ND	NA	NA	NA	NA	NA	NA	NA	**160**	**10,000**	**0.52**	**2**	**1.4**
Arochlor-1242	ND	ND	NA	NA	NA	NA	NA	NA	NA	**160**	**10,000**	**0.52**	**62**	**1.4**
Arochlor-1248	ND	ND	NA	NA	NA	NA	NA	NA	NA	**44**	**10,000**	**0.14**	**67**	**1.4**
Arochlor-1254	ND	ND	NA	NA	NA	NA	NA	NA	NA	**44**	**10,000**	**0.14**	**280**	**1.4**
Arochlor-1260	ND	1.6	NA	NA	NA	NA	NA	NA	NA	**130**	**190,000**	**0.43**	**1,900**	**1.4**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SG-47b 12-13.1 12/28/1999	WPL-SG-64a 9-10 11/29/1999	WPL-SG-64b 16-18 11/29/1999	WPL TP-1a 4-4.5 11/26/1999	WPL TP-1b 6-6.5 11/26/1999	WPL TP-2 6-6.5 11/26/1999	WPL TP-3 4-4.5 11/26/1999	WPL TP-4a 4-4.5 11/26/1999	WPL TP-4b 5-5.5 11/26/1999	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	1.42	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	3.97	ND	2.3	ND	4.64	1.12	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	0.898	ND	0.62	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	12.5	ND	1.5	2.4	8.02	0.623	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	1.84	ND	ND	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	16.8	ND	1.6	4.2	8.44	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	19.5	ND	3	5	28.5	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	10.5	ND	1.4	3.1	28.5	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	14	ND	2.9	4.2	39.1	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	11	ND	0.88	1.8	18.8	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	8.91	ND	0.86	1.8	13.9	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	0.55	ND	9.11	ND	6.7	8.4	1.23	1.48	5,700	10,000	0.6	130	200
Carbazole	ND	0.788	ND	4.64	1.1	1.8	ND	6.16	1.47	4,000	190,000	13	83	140
Chrysene	ND	ND	ND	15.8	ND	3.8	5.4	29.5	ND	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	1.9	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	3.08	ND	0.57	ND	5.14	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	4.08	ND	1.3	1.3	1.8	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	0.778	ND	60.9	ND	8.3	15	49.6	2.33	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	14.4	ND	2.4	3.7	8.03	0.876	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	13.1	ND	1.2	2.3	22	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	6.6	ND	2	ND	2.46	0.729	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	0.563	ND	66.2	ND	6.6	13	35.5	3.97	190,000	190,000	110	10,000	NR
Pyrene	ND	0.565	ND	44.8	ND	6.6	12	42.8	1.55	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL TP-5 3-3.5 11/26/1999	WPL TP-6 5.5-6 11/26/1999	WPL TP-7a 4-4.5 11/26/1999	WPL TP-7b 4.5-5 11/26/1999	ERB-01 16.0 4/17/2002	ERB-02 6.0 4/15/2002	ERB-03 18.0 4/15/2002	ERB-04 14.0 4/15/2002	ERB-05 10.0 4/16/2002	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	NA	NA	NA	NA	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	1.2	ND	ND	ND	NA	NA	NA	NA	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	10,000	10,000	7	27	10,220
Acenaphthene	8.2	ND	1.44	ND	NA	NA	NA	NA	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	2.6	ND	ND	ND	NA	NA	NA	NA	NA	170,000	190,000	610	6,900	NR
Anthracene	13	0.674	2.61	ND	NA	NA	NA	NA	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	54	2.99	6.87	ND	NA	NA	NA	NA	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	74	1.59	2.45	ND	NA	NA	NA	NA	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	95	3.07	5.26	ND	NA	NA	NA	NA	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	43	1.21	1.72	ND	NA	NA	NA	NA	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	16	0.877	2.08	ND	NA	NA	NA	NA	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	7.04	2.94	0.61	NA	NA	NA	NA	NA	5,700	10,000	0.6	130	200
Carbazole	9.6	1.4	ND	ND	NA	NA	NA	NA	NA	4,000	190,000	13	83	140
Chrysene	54	3.25	7.64	ND	NA	NA	NA	NA	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	NA	NA	NA	NA	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	NA	NA	NA	NA	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	15	ND	ND	ND	NA	NA	NA	NA	NA	11	190,000	0.036	160	0.39
Dibenzofuran	4.4	ND	1.01	ND	NA	NA	NA	NA	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	NA	NA	NA	NA	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	110	6.45	12.5	ND	NA	NA	NA	NA	NA	110,000	190,000	26	3,200	41,000
Fluorene	12	0.736	2.83	ND	NA	NA	NA	NA	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	NA	NA	NA	NA	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	NA	NA	NA	NA	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	43	1.41	2.33	ND	NA	NA	NA	NA	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	NA	NA	NA	NA	NA	16,000	190,000	53	83	584
Naphthalene	2.1	ND	ND	ND	NA	NA	NA	NA	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	NA	NA	NA	NA	NA	660	190,000	0.1	5	24
Phenanthrene	61	4.95	10.4	0.84	NA	NA	NA	NA	NA	190,000	190,000	110	10,000	NR
Pyrene	120	7.24	10.4	ND	NA	NA	NA	NA	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	NA	NA	NA	NA	NA	NA	NA	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	NA	NA	NA	NA	NA	NA	NA	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	NA	NA	NA	NA	NA	NA	NA	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-01 0.5-2 2/10/2004	WPL-SB-01 3-5 2/10/2004	WPL-SB-02 0.5-2 2/10/2004	WPL-SB-02 3-5 2/10/2004	WPL-SB-03 0.5-2 2/10/2004	WPL-SB-03 3-5 2/10/2004	WPL-SB-04 0.5-2 2/10/2004	WPL-SB-04 8-10 2/10/2004	WPL-SB-05 0.5-2 2/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	0.11 J	ND	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	0.031 J	ND	ND	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	0.018 J	ND	0.055	ND	ND	ND	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	0.021 J	ND	0.062	ND	ND	ND	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	0.022 J	ND	0.05	ND	ND	ND	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	ND	0.12 J	ND	ND	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	0.15 J	0.15 J	0.13 J	0.12 J	0.12 J	ND	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	ND	ND	ND	ND	ND	4,000	190,000	13	83	140
Chrysene	ND	ND	ND	ND	0.067 J	ND	ND	ND	ND	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	ND	ND	0.043 J	ND	ND	ND	ND	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.062	ND	ND	ND	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	ND	ND	ND	0.045 J	ND	ND	ND	ND	190,000	190,000	110	10,000	NR
Pyrene	ND	ND	0.020 J	ND	0.080 J	ND	ND	ND	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	ND	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-05 3-5 2/10/2004	WPL-SB-06 0.5-2 2/10/2004	WPL-SB-06 3-5 2/10/2004	WPL-SB-08 0.5-2 2/10/2004	WPL-SB-08 3-5 2/10/2004	WPL-SB-09 0.5-2 2/11/2004	WPL-SB-09 4-6 2/11/2004	WPL-SB-10 0.5-2 2/11/2004	WPL-SB-10 3-5 2/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	0.046J	ND	0.17J	ND	0.12J	0.12J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	0.021J	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	0.033J	ND	0.5	ND	0.17J	0.18J	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	ND	0.070J	ND	0.023J	0.02J	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	0.071J	ND	1	0.028J	0.37J	0.32J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	0.21	ND	3	0.074	1.10	0.98	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	0.24	ND	3	0.061	1.10	0.96	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	0.2	ND	2.8	0.051	0.97	0.87	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	0.23J	ND	1.8	0.045J	0.62	0.59	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	0.21	ND	2.7	0.074	1.2	1	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	ND	0.16J	0.13J	0.14J	0.089J	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	0.038J	ND	0.43	ND	0.24J	0.21J	4,000	190,000	13	83	140
Chrysene	ND	ND	ND	0.26J	ND	3	0.074J	1.2	1.1	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	0.066	ND	0.66	ND	0.21	0.14	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	ND	0.3J	ND	0.1J	0.1J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	ND	0.38J	ND	3.8	0.16J	2.5	2	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	0.54	ND	0.14J	0.14J	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	0.21	ND	1.7	0.039J	0.58	0.57	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	ND	ND	0.24J	ND	0.1J	0.12J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	ND	ND	0.32J	ND	3.1	0.10J	1.8	1.5	190,000	190,000	110	10,000	NR
Pyrene	ND	ND	ND	0.47	ND	4	0.12J	2.2	1.8	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	0.31	ND	ND	ND	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	0.35	ND	0.28	ND	0.63	0.49	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-10 6-8 2/11/2004	WPL-SB-12 0.5-2 2/11/2004	WPL-SB-12 4-6 2/11/2004	WPL-SB-12 8-10 2/11/2004	WPL-SB-14 0-2 2/16/2004	WPL-SB-14 4-6 2/16/2004	WPL-SB-15 0-2 2/12/2004	WPL-SB-15 9-11 2/12/2004	WPL-SB-15 12-14 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	0.013J	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	0.030J	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.057J	0.029J	0.33J	ND	ND	0.033 J	0.025J	ND	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	0.071J	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	0.034J	0.82	ND	ND	ND	0.036J	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	0.0088J	0.056J	ND	0.023 J	ND	0.26J	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	0.009J	0.061J	1.6	0.051J	0.018 J	ND	0.18J	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	0.029J	0.23	3.8	0.32	0.074	0.036 J	1.3	ND	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	0.032J	0.25	4.6	0.26	0.077	0.024 J	1.4	ND	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	0.032J	0.24	5.6	0.21	0.053	0.030 J	1.2	ND	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	0.02J	0.2J	1.6	0.19J	0.049 J	ND	0.92	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	0.036J	0.27	5.2	0.28	0.079	0.038 J	1.4	ND	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	0.18J	ND	0.18J	ND	0.11 J	0.090 J	0.099J	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	0.032J	0.86	ND	ND	ND	0.041J	ND	ND	4,000	190,000	13	83	140
Chrysene	0.058J	0.28J	4.6	0.32J	0.11 J	0.066 J	1.2	ND	ND	11,000	190,000	0.19	230	390
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	0.067	0.41	0.064	ND	ND	0.3	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	0.018J	0.023J	0.48	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	0.050J	0.5	7.7	0.77	0.11 J	0.058 J	1.8	0.0074J	0.0089J	110,000	190,000	26	3,200	41,000
Fluorene	ND	0.032J	0.9	ND	ND	ND	0.044J	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	0.02J	0.17	1.6	0.17	0.043	ND	0.94	ND	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.033J	0.036J	0.65	ND	ND	0.019 J	0.034J	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.074J	0.28J	6.5	0.18J	0.064 J	0.062 J	0.4J	0.018J	ND	190,000	190,000	110	10,000	NR
Pyrene	0.052J	0.47	8.1	0.6	0.17 J	0.055 J	1.7	ND	0.0093J	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	1.5	ND	ND	0.25	ND	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	1.4	1	ND	ND	ND	0.61	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results

ND = Not detected

NA = Not Analyzed

NR = Not Reported

J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-16 0.5-2 2/12/2004	WPL-TP-16 5 2/27/2004	WPL-TP-16 11 2/27/2004	WPL-SB-17 0.5-2 2/13/2004	WPL-SB-17 2-4 2/13/2004	WPL-SB-17 11-13 2/13/2004	WPL-SB-18 0.5-2 2/13/2004	WPL-SB-18 5-7 2/13/2004	WPL-SB-18 7-9 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	0.82 J	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	0.25 J	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	6.2 J	4.2	0.04J	ND	ND	0.024J	3.2	0.025J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	1.2	ND	0.026J	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	0.074J	8.6 J	0.23 J	0.16J	ND	ND	0.12J	0.12J	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	0.076J	0.66 J	ND	0.12J	ND	ND	0.038J	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	0.13J	11.0	ND	0.31J	ND	ND	0.081J	0.078J	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	0.7	18.0	ND	0.77	ND	ND	0.16	0.054	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	0.66	11.0	ND	0.72	ND	ND	0.13	0.042J	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	0.53	11.0	ND	0.73	ND	ND	0.13	0.05	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	0.34J	6.3 J	ND	0.29J	ND	ND	0.09J	0.033J	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	0.75	16.0	ND	0.88	ND	ND	0.14	0.044	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	21.0	6.5	0.09J	0.12J	ND	0.1J	1.2	ND	5,700	10,000	0.6	130	200
Carbazole	0.039J	4.8 J	ND	0.044J	ND	ND	0.02J	ND	ND	4,000	190,000	13	83	140
Chrysene	0.65	21.0	0.23 J	0.89	ND	ND	0.16J	0.082J	ND	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	30.0	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	3.4	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	0.12	2.4	ND	0.095	ND	ND	0.022J	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	0.034J	5.2 J	0.26 J	0.078J	ND	ND	0.086J	0.25J	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	1.1	57.0	0.48 J	1.5	ND	ND	0.31J	0.14J	ND	110,000	190,000	26	3,200	41,000
Fluorene	0.087J	11.0	0.34 J	0.22J	ND	ND	0.15J	0.2J	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	0.34	6.2	ND	0.29	ND	ND	0.076	0.03J	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.16J	7.9 J	ND	0.088J	ND	ND	0.57J	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.33J	68.0	1.00 J	1.3	ND	ND	0.22J	0.48	ND	190,000	190,000	110	10,000	NR
Pyrene	1.0	48.0	0.33 J	1.6	ND	ND	0.32J	0.15J	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	0.079J	9.4	1.2	ND	ND	ND	0.18	0.1	0.037J	44	10,000	0.14	280	1.4
Arochlor-1260	0.081J	16.0	2.6	6.3	ND	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-19 0.5-2 2/12/2004	WPL-SB-19 10-12 2/12/2004	WPL-SB-19 17-19 2/12/2004	WPL-SB-20 0-2 2/17/2004	WPL-SB-20 5-7 2/17/2004	WPL-SB-21 0-2 2/16/2004	WPL-SB-21 2-4 2/16/2004	WPL-SB-22 0-2 2/12/2004	WPL-SB-22 3-5 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	0.57J	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	0.17J	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	0.2J	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.052J	2.7	0.012J	ND	ND	0.048 J	ND	0.059J	2.7J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	0.68J	0.16J	ND	ND	ND	0.016 J	ND	0.027J	2.9J	170,000	190,000	380	4,700	61,000
Acenaphthylene	0.96	ND	ND	0.12 J	ND	0.14 J	ND	0.038J	0.16J	170,000	190,000	610	6,900	NR
Anthracene	2.8	0.14J	ND	0.10 J	ND	0.11 J	ND	0.1J	4.1J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	8.7	0.14	ND	0.40	ND	0.59	0.017 J	0.25	8.2	110	190,000	0.36	320	3.9
Benzo (a) pyrene	6	0.08	ND	0.36	ND	0.67	ND	0.19	4.7	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	5.2	0.086	ND	0.50	ND	0.48	ND	0.3	6.8	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	2.7	0.049J	ND	0.30 J	ND	0.44	ND	0.14J	4.2J	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	5.8	0.092	ND	0.55	ND	0.77	0.011 J	0.24	6.3	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	0.87	ND	0.11 J	0.70	0.13 J	ND	0.13J	1.4J	5,700	10,000	0.6	130	200
Carbazole	0.076J	ND	ND	ND	ND	0.015 J	ND	0.041J	1.1J	4,000	190,000	13	83	140
Chrysene	7	0.19J	ND	0.50	ND	0.65	0.019 J	0.3J	9	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	2.6J	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	1.2	ND	ND	0.10	ND	0.13	ND	0.037J	1.7	11	190,000	0.036	160	0.39
Dibenzofuran	0.26J	0.19J	ND	ND	ND	0.021 J	ND	0.029J	1.8J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	12	0.4J	ND	0.52	ND	0.97	0.020 J	0.45	20	110,000	190,000	26	3,200	41,000
Fluorene	0.83	0.25J	ND	ND	ND	0.020 J	ND	0.03J	4J	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	0.039J	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	2.8	0.04J	ND	0.29	ND	0.45	ND	0.12	4	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	0.02J	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.076J	ND	ND	ND	ND	0.045 J	ND	0.043J	0.83J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	6.5	0.82	0.014J	0.10 J	ND	0.24 J	0.019 J	0.3J	22	190,000	190,000	110	10,000	NR
Pyrene	12	0.35J	ND	0.61	ND	1.0	0.018 J	0.4J	20	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	0.020 J	ND	480	ND	4.2	1.8	44	10,000	0.14	280	1.4
Arochlor-1260	ND	6	0.062J	ND	ND	ND	ND	ND	4.5	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-22 6-8 2/12/2004	WPL-SB-23 0.5-2 2/12/2004	WPL-SB-23 4-6 2/12/2004	WPL-SB-23 10-12 2/12/2004	WPL-SB-24 0.5-2 2/13/2004	WPL-SB-24 5-7 2/13/2004	WPL-SB-24 10-12 2/13/2004	WPL-SB-25 0.5-2 2/13/2004	WPL-SB-25 2-4 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	0.12J	0.92	0.53	0.045J	ND	ND	0.022J	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	0.03J	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	2.5	0.056J	0.031J	0.04J	ND	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	1J	ND	ND	0.036J	ND	ND	0.017J	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	3.8	0.051J	0.018J	0.13J	ND	ND	0.027J	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	9.4	ND	ND	0.39	ND	ND	0.15	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	9.3	ND	ND	0.39	ND	ND	0.14	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	7.3	ND	ND	0.37	ND	ND	0.22	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	4.9	ND	ND	0.24J	ND	ND	0.18J	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	9.3	ND	ND	0.48	ND	ND	0.26	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	0.16J	0.16J	0.62	0.58	0.27J	0.25J	0.10 J	5,700	10,000	0.6	130	200
Carbazole	ND	0.22J	ND	ND	0.054J	ND	ND	0.0084J	ND	4,000	190,000	13	83	140
Chrysene	ND	8.6	ND	ND	0.48	ND	ND	0.2J	ND	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	0.088J	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	2.4	ND	ND	0.062	ND	ND	0.055	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	1.5J	0.11J	0.048J	0.033J	ND	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	0.015J	18	0.066J	0.036J	0.60	ND	ND	0.2J	ND	110,000	190,000	26	3,200	41,000
Fluorene	ND	2.9	0.11J	0.049J	0.034J	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	5.6	ND	ND	0.24	ND	ND	0.16	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	0.081J	ND	0.053J	ND	ND	0.024J	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.015J	8.3	0.2J	0.13J	0.5	ND	ND	0.069J	ND	190,000	190,000	110	10,000	NR
Pyrene	0.013J	16.00	0.056J	0.028J	0.7	ND	ND	0.28J	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	0.19	0.057J	0.38	0.028J	0.046J	0.027J	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	0.23	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-26 0.5-2 2/12/2004	WPL-SB-26 5-7 2/12/2004	WPL-SB-27 0.5-2 2/13/2004	WPL-SB-27 2-4 2/13/2004	WPL-SB-28 0.5-2 2/12/2004	WPL-TP-28 3 3/1/2004	WPL-SB-28 5-7 2/12/2004	WPL-SB-28 12-14 2/12/2004	WPL-SB-29 0.5-2 2/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	ND	0.9J	5.6 J	2J	0.067J	91J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	1.1J	24	2.1J	0.16J	300	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	0.28J	1.80 J	ND	0.15J	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	2.3	35	1.4J	0.31J	530	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	ND	7.7	60	1.9	0.46	650	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	ND	8.1	50	0.95	0.33	600	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	ND	6.6	48	1.3	0.37	470	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	ND	5.6	28	0.76J	0.23J	390	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	ND	9.1	42	1.4	0.38	640	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	0.17J	0.14J	ND	ND	1.5J	16	3.4J	0.23J	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	0.57J	8.1 J	ND	0.12J	240	4,000	190,000	13	83	140
Chrysene	0.014J	ND	ND	ND	8.6	61	2.1J	0.48	650	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	2	14	0.48	0.079	150	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	0.83J	10	0.79J	0.1J	230	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	0.012J	ND	ND	ND	15	140	7.9	1.2	1600	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	1.5J	24	2.1J	0.22J	350	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	5	25	0.58	0.21	350	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	ND	0.85J	7.6 J	1.7J	0.072J	320	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.017J	ND	ND	ND	9.1	120	10	1.3	1900	190,000	190,000	110	10,000	NR
Pyrene	0.013J	ND	ND	ND	16	110	6.6	1	1900	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	0.031 J	ND	ND	4.0	2.2	0.11	0.25	44	10,000	0.14	280	1.4
Arochlor-1260	ND	0.031J	ND	ND	0.82	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-29 5-7 2/11/2004	WPL-SB-30 0.5-2 2/11/2004	WPL-SB-30 5-7 2/11/2004	WPL-SB-30 8-10 2/11/2004	WPL-SB-31 0-2 2/13/2004	WPL-SB-31 2-4 2/13/2004	WPL-SB-32 0-2 2/16/2004	WPL-SB-32 2-4 2/16/2004	WPL-SB-33 0-2 2/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.22J	ND	4.9	ND	ND	ND	0.028 J	ND	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	1.9	1.2	ND	0.072J	ND	ND	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	0.018 J	ND	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	2.8	0.48J	0.13J	0.12J	0.018 J	ND	ND	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	4.2	0.71	0.15	0.17	0.050	ND	0.025 J	ND	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	4.4	0.56	0.12	0.18	0.038 J	ND	0.019 J	ND	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	3.5	0.61	0.081	0.13	0.063	ND	0.024 J	ND	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	2.7	0.75J	0.13J	0.096J	0.029 J	ND	ND	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	4	0.58	0.1	0.17	0.067	ND	0.030 J	ND	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	0.76	ND	ND	ND	ND	0.12 J	ND	5,700	10,000	0.6	130	200
Carbazole	1.4	0.11J	ND	0.062J	ND	ND	ND	ND	ND	4,000	190,000	13	83	140
Chrysene	4.5	0.94	0.24J	0.19J	0.081 J	ND	0.043 J	ND	ND	11,000	190,000	0.19	230	390
Di-n-butylphthalate	ND	ND	0.3J	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	0.93	0.36	ND	ND	ND	ND	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	0.9	0.66J	ND	0.046J	ND	ND	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	10	1.7	0.34J	0.43	0.074 J	ND	0.036 J	ND	ND	110,000	190,000	26	3,200	41,000
Fluorene	1.5	1.1	0.44	0.077J	ND	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	2.5	0.64	0.11	0.087	0.024 J	ND	ND	ND	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.56	0.91	0.94	ND	ND	ND	0.020 J	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	10	3	1.4	0.49	0.017 J	ND	0.034 J	ND	ND	190,000	190,000	110	10,000	NR
Pyrene	9.1	2.8	0.5	0.34J	0.10 J	ND	0.038 J	ND	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	0.32	0.24	ND	0.069 J	0.013 J	0.099 J	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	0.3	ND	ND	ND	ND	0.12	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-33 3-5 2/12/2004	WPL-SB-34 0-2 2/11/2004	WPL-SB-34 4-6 2/11/2004	WPL-SB-35 0-2 2/13/2004	WPL-SB-35 5-7 2/13/2004	WPL-SB-36 0-2 2/16/2004	WPL-SB-36 2-4 2/16/2004	WPL-SB-37 0.5-2 2/11/2004	WPL-TP-37 5 2/26/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	 Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	0.12 J	ND	0.18 J	ND	0.86J	6.0 J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	ND	0.014 J	ND	4.4	3.3 J	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	0.051 J	ND	0.26 J	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	0.29 J	ND	0.50	ND	9.1	4.9 J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	2.5	ND	0.74	ND	21	9.8	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	1.5	ND	0.58	ND	20	4.4	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	1.8	ND	1.2	ND	18	9.3	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	0.80	ND	0.60	ND	14	4.3 J	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	2.1	ND	1.2	ND	16	13.0	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	0.11 J	0.092 J	0.15 J	0.23 J	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	0.30 J	ND	0.11 J	ND	3.3	ND	4,000	190,000	13	83	140
Chrysene	ND	ND	ND	2.8	ND	1.1	ND	24	15.0 J	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	0.29	ND	0.22	ND	5.8	2.4	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	0.050 J	ND	0.080 J	ND	1.3J	3.7 J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	ND	4.0	ND	1.0	ND	31	47.0	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	0.022 J	ND	3.4	8.4 J	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	0.96	ND	0.60	ND	13	4.3	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	0.090 J	ND	0.14 J	ND	2.1J	11.0 J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	ND	ND	1.7	ND	0.27 J	ND	28	58.0	190,000	190,000	110	10,000	NR
Pyrene	ND	ND	ND	3.5	ND	1.4	ND	39	34.0	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	1.8	ND	0.046 P	ND	7	4.8	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	ND	0.085 J	ND	2.2	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-37 9-11 2/11/2004	WPL-SB-38 0-2 2/12/2004	WPL-SB-38 3-5 2/12/2004	WPL-SB-39 0-2 2/12/2004	WPL-SB-39 3-5 2/12/2004	WPL-SB-40 0-2 2/13/2004	WPL-SB-40 4-6 2/13/2004	WPL-SB-41 0-2 2/16/2004	WPL-SB-41 5-7 2/16/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	0.02J	ND	0.073J	0.035J	0.015J	ND	0.026 J	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	ND	0.0083J	ND	ND	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	0.018J	ND	ND	0.016J	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	ND	0.024J	ND	ND	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	0.014J	ND	0.028J	0.014J	0.095	ND	0.016 J	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	0.014J	0.011J	0.025J	0.016	0.085	ND	0.013 J	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	0.014J	ND	0.024J	0.014J	0.12	ND	0.024 J	ND	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	0.0082J	ND	0.015J	0.0084J	0.15J	ND	ND	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	0.015J	0.01J	0.027J	0.017J	0.13	ND	0.027 J	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	0.12J	0.18J	0.14J	0.88	ND	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	ND	0.013J	ND	ND	ND	4,000	190,000	13	83	140
Chrysene	ND	0.033J	ND	0.038J	0.027J	0.15J	ND	0.036 J	ND	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	1.1	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	0.024J	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	0.018J	0.011J	0.011J	ND	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	0.018J	ND	0.046J	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	ND	ND	0.021J	0.15J	ND	0.028 J	ND	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	0.01J	ND	0.11	ND	ND	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	0.012J	ND	0.052J	0.023J	0.33J	ND	0.021 J	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	0.031J	ND	0.056J	0.052J	0.084J	ND	0.020 J	ND	190,000	190,000	110	10,000	NR
Pyrene	ND	0.02J	ND	0.045J	0.025J	0.16J	ND	0.029 J	ND	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	0.17	ND	0.36	ND	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	0.12	ND	ND	ND	ND	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-42 0-2 2/16/2004	WPL-SB-42 5-7 2/16/2004	WPL-SB-43 0-2 2/16/2004	WPL-SB-43 2-4 2/16/2004	WPL-SB-43 6-8 2/16/2004	WPL-SB-44 0-2 2/16/2004	WPL-SB-44 4-6 2/16/2004	WPL-SB-45 0.5-2 2/13/2004	WPL-SB-45 3-5 2/13/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.15 J	ND	0.085 J	ND	ND	ND	ND	0.026J	0.19J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	ND	ND	ND	0.13J	1.7	170,000	190,000	380	4,700	61,000
Acenaphthylene	0.028 J	ND	ND	0.061 J	ND	ND	ND	0.019J	0.13J	170,000	190,000	610	6,900	NR
Anthracene	0.045 J	ND	ND	0.048 J	ND	ND	ND	0.16J	1	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	0.084	0.023 J	0.034 J	0.31	ND	0.035 J	ND	0.35	1.6	110	190,000	0.36	320	3.9
Benzo (a) pyrene	0.052	0.0096 J	0.027 J	0.27	ND	0.027 J	ND	0.27	1.3	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	0.13	0.0096 J	0.038	0.25	ND	0.034 J	ND	0.25	1.1	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	0.053 J	ND	ND	0.21 J	ND	0.022 J	ND	0.22J	0.88	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	0.14	0.011 J	0.042	0.44	ND	0.045	ND	0.33	1.6	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	0.15 J	0.11 J	ND	0.10 J	ND	0.084 J	0.093 J	0.13J	0.26J	5,700	10,000	0.6	130	200
Carbazole	0.020 J	ND	ND	ND	ND	ND	ND	0.049J	0.1J	4,000	190,000	13	83	140
Chrysene	0.16 J	0.016 J	0.068 J	0.47	ND	0.051 J	ND	0.41	1.8	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	0.066	ND	ND	ND	0.061	0.34	11	190,000	0.036	160	0.39
Dibenzofuran	0.045 J	ND	0.020 J	ND	ND	ND	ND	0.067J	0.46J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	0.14 J	0.022 J	0.051 J	0.81	ND	0.072 J	0.010 J	0.76	3.6	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	ND	ND	ND	0.12J	1.7	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	0.044	ND	ND	0.20	ND	0.020 J	ND	0.18	0.86	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.12 J	ND	0.059 J	ND	ND	ND	ND	0.027J	0.55J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.12 J	0.017 J	0.067 J	0.29 J	ND	0.021 J	ND	0.85	3.3	190,000	190,000	110	10,000	NR
Pyrene	0.13 J	0.026 J	0.057 J	0.74	ND	0.072 J	0.0099 J	0.75	4.6	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	5.1	3.2	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	ND	ND	ND	ND	1	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-TP-45 8 2/26/2004	WPL-SB-46 0-2 2/12/2004	WPL-SB-46 2-4 2/12/2004	WPL-SB-47 0-2 2/12/2004	WPL-SB-47 2-4 2/12/2004	WPL-SB-48 0-2 2/12/2004	WPL-SB-48 2-4 2/12/2004	WPL-SB-49 0-2 2/4/2004	WPL-SB-49 2-4 2/4/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	ND	ND	0.088J	0.4J	0.04J	0.04J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	0.029 J	ND	ND	0.39J	ND	0.12J	ND	0.13J	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	0.03J	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	1J	ND	0.3J	0.18J	0.22J	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	2.1	ND	0.61	0.21	0.61	0.011J	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	2.2	ND	0.72	0.16	0.57	0.01J	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	1.7	ND	0.62	0.14	0.52	0.012J	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	2.7	ND	0.86	0.087J	0.34J	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	2.1	ND	0.66	0.17	0.59	ND	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	ND	0.098J	ND	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	0.39J	ND	0.16J	0.076J	0.1J	ND	4,000	190,000	13	83	140
Chrysene	ND	ND	ND	2.4	0.02J	0.74	0.21J	0.73	0.03J	11,000	190,000	0.19	230	390
Di-n-butylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	0.87	ND	0.29	ND	0.073	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	0.2J	ND	0.1J	ND	0.033J	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	0.036 J	0.01J	ND	3.1	ND	1.2	0.46J	1.3	0.018J	110,000	190,000	26	3,200	41,000
Fluorene	0.023 J	ND	ND	0.33J	ND	0.082J	0.1J	0.11J	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	1.9	ND	0.73	0.086	0.33	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	0.047	ND	ND	ND	ND	ND	ND	0.029J	0.023J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	0.029 J	0.017J	ND	3.3	ND	1.1	0.56J	0.95	0.042J	190,000	190,000	110	10,000	NR
Pyrene	0.025 J	0.012J	ND	4.4	ND	1.2	0.39J	1.2	0.019J	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	14	ND	23	0.06J	ND	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	0.55	ND	ND	ND	ND	0.022J	0.059J	ND	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-49 11-13 2/4/2004	WPL-TP-50 5 2/26/2004	WPL-SB-51 0-2 3/9/2004	WPL-SB-51 5-7 3/9/2004	WPL-SB-51 12-14 3/9/2004	WPL-SB-52 0-2 3/9/2004	WPL-SB-52 5-7 3/9/2004	WPL-SB-52 12-14 3/9/2004	WPL-SB-53 0-2 3/9/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	NA	NA	ND	NA	NA	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	NA	NA	ND	NA	NA	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	NA	NA	ND	NA	NA	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	NA	NA	ND	NA	NA	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	7.1 J	ND	NA	NA	0.020 J	NA	NA	0.280 J	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	NA	NA	ND	NA	NA	0.130 J	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	NA	NA	ND	NA	NA	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	NA	NA	ND	NA	NA	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	6.7 J	ND	NA	NA	ND	NA	NA	0.180 J	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	0.67 J	ND	NA	NA	0.021 J	NA	NA	0.110 J	170,000	190,000	610	6,900	NR
Anthracene	ND	10.0	ND	NA	NA	0.028 J	NA	NA	0.430 J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	9.7	ND	NA	NA	0.083	NA	NA	1.0	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	6.6	ND	NA	NA	0.1	NA	NA	1.0	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	6.6	ND	NA	NA	0.086	NA	NA	1.1	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	3.8 J	ND	NA	NA	0.053 J	NA	NA	0.61 J	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	8.9	ND	NA	NA	0.1	NA	NA	1.1	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	110.0	ND	NA	NA	0.100 J	NA	NA	ND	5,700	10,000	0.6	130	200
Carbazole	ND	8.0 J	ND	NA	NA	0.010 J	NA	NA	0.091 J	4,000	190,000	13	83	140
Chrysene	ND	11.0	ND	NA	NA	0.130 J	NA	NA	1.5	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	2.1 J	ND	NA	NA	ND	NA	NA	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	NA	NA	ND	NA	NA	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	1.4	ND	NA	NA	ND	NA	NA	0.22	11	190,000	0.036	160	0.39
Dibenzofuran	ND	6.5 J	ND	NA	NA	ND	NA	NA	0.240 J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	NA	NA	ND	NA	NA	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	30.0	ND	NA	NA	0.170 J	NA	NA	2.8	110,000	190,000	26	3,200	41,000
Fluorene	ND	13.0	ND	NA	NA	ND	NA	NA	0.260 J	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	NA	NA	ND	NA	NA	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	NA	NA	ND	NA	NA	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	3.6	ND	NA	NA	0.055	NA	NA	0.56	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	NA	NA	ND	NA	NA	ND	16,000	190,000	53	83	584
Naphthalene	ND	14.0	ND	NA	NA	ND	NA	NA	0.280 J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	NA	NA	ND	NA	NA	ND	660	190,000	0.1	5	24
Phenanthrene	ND	50.0	0.048 J	NA	NA	0.091 J	NA	NA	1.6	190,000	190,000	110	10,000	NR
Pyrene	ND	26.0	ND	NA	NA	0.150 J	NA	NA	2.5	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	NA	NA	ND	NA	NA	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	NA	NA	ND	NA	NA	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	NA	NA	ND	NA	NA	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	NA	NA	ND	NA	NA	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	NA	NA	ND	NA	NA	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	6.2	11	NA	NA	ND	NA	NA	2.5	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	NA	NA	ND	NA	NA	0.96	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-53 3-5 3/9/2004	WPL-SB-54 0-2 3/9/2004	WPL-SB-54 2-4 3/9/2004	WPL-SB-55 0-2 3/9/2004	WPL-SB-55 5-7 3/9/2004	WPL-SB-55 13-14 3/9/2004	WPL-SB-56 0-2 3/9/2004	WPL-SB-56 3-5 3/9/2004	WPL-SB-57 0-2 3/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	ND	NA	ND	ND	NA	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	ND	NA	ND	ND	NA	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	ND	NA	ND	ND	NA	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	ND	NA	ND	ND	NA	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	0.024 J	NA	0.110 J	3.6	NA	0.190 J	ND	0.026 J	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	ND	NA	0.067 J	ND	NA	0.220 J	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	ND	NA	ND	ND	NA	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	ND	NA	ND	ND	NA	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	NA	ND	NA	0.057 J	ND	NA	0.410 J	ND	0.0093 J	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	ND	NA	0.098 J	ND	NA	ND	ND	0.075 J	170,000	190,000	610	6,900	NR
Anthracene	NA	0.0096 J	NA	0.250 J	ND	NA	0.45 J	0.0096 J	0.083 J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	0.018 J	NA	0.89	ND	NA	0.97	0.019 J	0.26	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	0.031 J	NA	1.6	ND	NA	0.96	ND	0.39	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	0.023 J	NA	1.5	ND	NA	1.0	ND	0.56	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	ND	NA	0.71	ND	NA	0.43 J	ND	0.190 J	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	0.023 J	NA	1.7	ND	NA	1.2	ND	0.49	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	ND	NA	ND	ND	NA	ND	0.400 J	0.120 J	5,700	10,000	0.6	130	200
Carbazole	NA	ND	NA	0.100 J	ND	NA	0.190 J	ND	0.028 J	4,000	190,000	13	83	140
Chrysene	NA	0.052 J	NA	1.4	0.47 J	NA	1.60 J	0.016 J	0.44	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	ND	NA	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	ND	NA	ND	ND	NA	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	ND	NA	0.26	ND	NA	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	NA	ND	NA	0.097 J	ND	NA	0.190 J	ND	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	ND	NA	ND	ND	NA	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	0.035 J	NA	1.8	0.62 J	NA	2.2	0.041 J	0.43	110,000	190,000	26	3,200	41,000
Fluorene	NA	ND	NA	0.061 J	0.58	NA	0.170 J	ND	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	ND	NA	ND	ND	NA	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	ND	NA	ND	ND	NA	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	ND	NA	0.68	ND	NA	0.58	ND	0.2	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	ND	NA	ND	ND	NA	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	NA	ND	NA	0.220 J	1.90 J	NA	0.310 J	ND	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	0.083 J	NA	ND	ND	NA	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	NA	0.068 J	NA	0.94	2.8	NA	1.90 J	0.041 J	0.160 J	190,000	190,000	110	10,000	NR
Pyrene	NA	0.035 J	NA	1.4	0.40 J	NA	1.90 J	0.034 J	0.39 J	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	NA	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	NA	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	NA	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	NA	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	NA	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	0.020 J	0.9	0.34	6	1.9	NA	61	0.022 J	20	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	ND	NA	ND	ND	5.8	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-57 4 3/10/2004	WPL-SB-58 0-2 3/10/2004	WPL-SB-58 5-7 3/10/2004	WPL-SB-59 2-4 3/10/2004	WPL-SB-59 7-9 3/10/2004	WPL-SB-60 0-2 3/10/2004	WPL-SB-60 2-4 3/10/2004	WPL-SB-61 2-6 3/10/2004	WPL-SB-61 6-8 3/10/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	ND	ND	ND	ND	ND	ND	0.079 J	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	0.14 J	ND	0.040 J	ND	0.018 J	0.0089 J	0.63	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	NA	0.58	0.011 J	0.048 J	ND	ND	ND	0.77	ND	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	0.23 J	ND	0.39	ND	ND	ND	0.36 J	ND	170,000	190,000	610	6,900	NR
Anthracene	NA	1.4	0.025 J	0.30 J	ND	ND	ND	1.2	ND	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	3.7	0.052	0.72	ND	0.036 J	ND	1.8	ND	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	4.1	ND	0.88	ND	ND	ND	1.6	ND	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	4.6	ND	0.85	ND	ND	ND	1.4	0.028 J	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	0.87	ND	0.43	ND	ND	ND	0.64	ND	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	5.2	ND	0.95	ND	ND	ND	2	0.035 J	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	ND	ND	0.26 J	ND	0.088 J	ND	1.2	0.098 J	5,700	10,000	0.6	130	200
Carbazole	NA	0.68	ND	ND	ND	ND	ND	0.20 J	ND	4,000	190,000	13	83	140
Chrysene	NA	4.8	0.058 J	0.93	ND	0.070 J	ND	2.6	0.052 J	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	0.39	ND	0.18	ND	ND	ND	0.29	ND	11	190,000	0.036	160	0.39
Dibenzofuran	NA	0.30 J	ND	0.051 J	ND	ND	ND	0.32 J	ND	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	7.6	0.11 J	1.2	ND	0.064 J	ND	6.7	0.093 J	110,000	190,000	26	3,200	41,000
Fluorene	NA	0.48	ND	0.038 J	ND	ND	ND	0.92	ND	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	1.1	ND	0.5	ND	ND	ND	0.64	ND	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	NA	0.24 J	ND	0.062 J	ND	ND	ND	1.3	ND	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	NA	4.7	0.090 J	0.29 J	ND	0.042 J	0.015 J	6.2	0.087 J	190,000	190,000	110	10,000	NR
Pyrene	NA	8.3	0.10 J	1.2	ND	0.083 J	0.018 J	4.8	0.12 J	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	NA	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	NA	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	NA	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	NA	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	NA	1.4	0.25	0.85	ND	0.063 J	ND	2.6	0.44	44	10,000	0.14	280	1.4
Arochlor-1260	NA	ND	ND	0.33	ND	0.13	ND	0.7	0.13	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-62 2-4 3/10/2004	WPL-SB-62 6-8 3/10/2004	WPL-SB-63 0-2 3/10/2004	WPL-SB-63 5-7 3/10/2004	WPL-SB-64 1-2 3/11/2004	WPL-SB-64 5-7 3/11/2004	WPL-SB-65 1-2 3/11/2004	WPL-SB-66 2-4 3/11/2004	WPL-SB-66 12-13 3/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	0.57 J	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	2.8 J	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	0.021 J	ND	0.77	13	ND	2.4 J	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	0.26 J	ND	ND	ND	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	0.78	1.5 J	ND	0.47 J	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	0.023 J	ND	ND	ND	NA	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	0.22 J	1.3 J	ND	0.38 J	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	0.018 J	ND	0.23	1.3	ND	0.74	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	ND	ND	0.24	1.1	ND	0.79	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	ND	0.21	1.1	ND	0.77	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	ND	0.14 J	0.59	ND	ND	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	ND	0.25	1.3	ND	0.83	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	0.55	2.4 J	ND	ND	NA	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	0.53	1.0 J	ND	ND	NA	4,000	190,000	13	83	140
Chrysene	ND	ND	0.033 J	ND	0.32 J	1.7 J	ND	1.3 J	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	0.041	ND	ND	ND	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	NA	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	0.69	1.5 J	ND	0.25 J	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	0.025 J	ND	0.73	3.5 J	ND	2.0 J	NA	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	0.75	2.4 J	ND	0.60 J	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.13	0.58	ND	ND	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	NA	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	ND	3.4	4.4	ND	3.5 J	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	NA	660	190,000	0.1	5	24
Phenanthrene	ND	ND	0.029 J	ND	1.4	7.6	ND	2.9 J	NA	190,000	190,000	110	10,000	NR
Pyrene	ND	ND	0.056 J	ND	0.55	2.7 J	ND	1.3 J	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	NA	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	NA	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	NA	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	NA	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	NA	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	ND	0.056 J	1.5	ND	1.7	NA	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	0.048 J	0.64	ND	0.56	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-67 0.5-2 3/11/2004	WPL-SB-67 5-7 3/11/2004	WPL-SB-68 0.5-2 3/11/2004	WPL-SB-68 6-8 3/11/2004	WPL-SB-69 5-7 3/11/2004	WPL-SB-70 0-2 3/12/2004	WPL-SB-70 2-4 3/12/2004	WPL-SB-71 0.5-2 3/11/2004	WPL-SB-71 2-4 3/11/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	ND	ND	0.21 J	ND	ND	ND	ND	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	10	3	1,000
2-Methylnaphthalene	ND	ND	ND	ND	4.5	ND	ND	0.10 J	ND	10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	7	27	10,220
Acenaphthene	ND	ND	ND	ND	0.53 J	ND	ND	0.082 J	0.091 J	170,000	190,000	380	4,700	61,000
Acenaphthylene	ND	ND	ND	ND	ND	0.022 J	ND	ND	ND	170,000	190,000	610	6,900	NR
Anthracene	ND	ND	ND	ND	0.58 J	0.017 J	ND	0.10 J	0.12 J	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	ND	ND	ND	ND	0.65	0.034 J	0.020 J	0.27	0.2	110	190,000	0.36	320	3.9
Benzo (a) pyrene	ND	ND	0.009 J	ND	0.51	0.029 J	0.016 J	0.29	0.2	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	ND	ND	ND	ND	0.45	0.036 J	0.020 J	0.26	0.15	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	ND	ND	ND	ND	0.14 J	0.019 J	0.014 J	0.24 J	0.11 J	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	ND	ND	ND	ND	0.64	0.05	0.024 J	0.3	0.19	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	ND	ND	0.67 J	ND	ND	ND	ND	5,700	10,000	0.6	130	200
Carbazole	ND	ND	ND	ND	ND	ND	ND	0.046 J	0.054 J	4,000	190,000	13	83	140
Chrysene	ND	ND	0.0087 J	ND	1	0.044 J	0.044 J	0.4	0.26 J	11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	ND	ND	0.29 J	ND	ND	ND	ND	NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	ND	ND	ND	ND	ND	ND	ND	ND	ND	11	190,000	0.036	160	0.39
Dibenzofuran	ND	ND	ND	ND	0.32 J	ND	ND	0.062 J	0.044 J	NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR	NR	NR	10,000,000
Fluoranthene	ND	ND	0.010 J	ND	2.8	0.054 J	0.045 J	0.67	0.4	110,000	190,000	26	3,200	41,000
Fluorene	ND	ND	ND	ND	0.72 J	ND	ND	0.064 J	0.079 J	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	ND	ND	ND	ND	0.16	0.020 J	0.014 J	0.2	0.1	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	ND	ND	ND	ND	ND	ND	ND	16,000	190,000	53	83	584
Naphthalene	ND	ND	ND	ND	3.3	ND	0.011 J	0.082 J	0.047 J	56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	660	190,000	0.1	5	24
Phenanthrene	ND	ND	ND	ND	4.1	0.018 J	0.034 J	0.49	0.42	190,000	190,000	110	10,000	NR
Pyrene	ND	ND	0.011 J	ND	1.5	0.048 J	0.037 J	0.65	0.41	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	10,000	0.72	200	41
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	44	10,000	0.14	67	1.4
Arochlor-1254	ND	ND	ND	ND	1.1	ND	ND	0.27	ND	44	10,000	0.14	280	1.4
Arochlor-1260	ND	ND	ND	ND	0.34	ND	ND	0.44	0.33	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.
NR = Not Reported

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-71 7-8 3/11/2004	WPL-SB-72 0-2 3/12/2004	WPL-SB-72 6-7 3/12/2004	WPL-SB-73 0-2 3/12/2004	WPL-SB-73 6-7 3/12/2004	WPL-SB-74 0-2 3/12/2004	WPL-SB-74 6-7 3/12/2004	WPL-SB-75 0-2 3/12/2004	WPL-SB-75 '5-6 3/12/2004	ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	SOIL to GW - USED AQUIFER Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	NA	ND	NA	ND	NA	ND	NA	ND	NA	2,800	190,000	10	3	1,000
2-Methylnaphthalene	NA	ND	NA	0.49	NA	ND	NA	0.030 J	NA	10,000	10,000	200	8,000	4,100
4-Methylphenol	NA	ND	NA	ND	NA	ND	NA	ND	NA	NR	NR	NR	NR	5,110
4-Nitrophenol	NA	ND	NA	ND	NA	ND	NA	ND	NA	22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	10,000	10,000	7	27	10,220
Acenaphthene	NA	ND	NA	ND	NA	ND	NA	0.046 J	NA	170,000	190,000	380	4,700	61,000
Acenaphthylene	NA	0.02 J	NA	ND	NA	0.026 J	NA	0.26 J	NA	170,000	190,000	610	6,900	NR
Anthracene	NA	ND	NA	0.019 J	NA	0.01 J	NA	0.14 J	NA	190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	NA	ND	NA	0.059	NA	0.02 J	NA	0.37	NA	110	190,000	0.36	320	3.9
Benzo (a) pyrene	NA	ND	NA	0.043	NA	0.021 J	NA	0.48	NA	11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	NA	ND	NA	0.057	NA	0.027 J	NA	0.36	NA	110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	NA	ND	NA	0.027 J	NA	0.020 J	NA	0.39 J	NA	170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	NA	ND	NA	0.035 J	NA	0.026 J	NA	0.43	NA	1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	NA	0.11 J	NA	ND	NA	ND	NA	ND	NA	5,700	10,000	0.6	130	200
Carbazole	NA	ND	NA	0.014 J	NA	ND	NA	0.086 J	NA	4,000	190,000	13	83	140
Chrysene	NA	ND	NA	0.17 J	NA	0.07 J	NA	0.41 J	NA	11,000	190,000	0.19	230	390
Di-n-butylpthalate	NA	ND	NA	ND	NA	0.17 J	NA	ND	NA	NR	NR	NR	NR	102,200
Di-n-octylphthalate	NA	ND	NA	ND	NA	ND	NA	ND	NA	10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	NA	ND	NA	0.021 J	NA	ND	NA	0.088	NA	11	190,000	0.036	160	0.39
Dibenzofuran	NA	ND	NA	0.12 J	NA	ND	NA	ND	NA	NR	NR	NR	NR	2,000
Dimethylphthalate	NA	ND	NA	ND	NA	ND	NA	ND	NA	NR	NR	NR	NR	10,000,000
Fluoranthene	NA	ND	NA	0.067 J	NA	0.054 J	NA	0.79	NA	110,000	190,000	26	3,200	41,000
Fluorene	NA	ND	NA	0.022 J	NA	ND	NA	0.038 J	NA	110,000	190,000	190	3,800	41,000
Hexachlorobenzene	NA	ND	NA	ND	NA	ND	NA	ND	NA	50	190,000	0.1	0.96	1.8
Hexachloroethane	NA	ND	NA	ND	NA	ND	NA	ND	NA	2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	NA	ND	NA	0.02 J	NA	0.015 J	NA	0.34	NA	110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	NA	ND	NA	ND	NA	ND	NA	ND	NA	16,000	190,000	53	83	584
Naphthalene	NA	ND	NA	0.27 J	NA	0.18 J	NA	0.025 J	NA	56,000	190,000	10	25	20,000
Pentachlorophenol	NA	ND	NA	ND	NA	0.097 J	NA	ND	NA	660	190,000	0.1	5	24
Phenanthrene	NA	ND	NA	0.34 J	NA	0.14 J	NA	0.49	NA	190,000	190,000	110	10,000	NR
Pyrene	NA	ND	NA	0.087 J	NA	0.042 J	NA	0.74	NA	84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	NA	ND	NA	ND	NA	ND	NA	ND	NA	200	10,000	0.72	200	41
Arochlor-1221	NA	ND	NA	ND	NA	ND	NA	ND	NA	160	10,000	0.52	3	1.4
Arochlor-1232	NA	ND	NA	ND	NA	ND	NA	ND	NA	160	10,000	0.52	2	1.4
Arochlor-1242	NA	ND	NA	ND	NA	ND	NA	ND	NA	160	10,000	0.52	62	1.4
Arochlor-1248	NA	ND	NA	ND	NA	ND	NA	ND	NA	44	10,000	0.14	67	1.4
Arochlor-1254	NA	ND	NA	7	NA	ND	NA	4.5	NA	44	10,000	0.14	280	1.4
Arochlor-1260	NA	ND	NA	ND	NA	ND	NA	1.7	NA	130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 5.
Preliminary* Soil Data Summary - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	WPL-SB-76 0.5-2 3/12/2004	WPL-SB-76 3-6 3/12/2004	WPL-SB-76 12-13 3/12/2004	WPL-SB-77 0.5-2 3/12/2004	WPL-SB-77 4-6 3/12/2004					ACT 2 NON-RESIDENTIAL MEDIUM-SPECIFIC CONCENTRATIONS Direct Contact, Surface Soil (0 - 2 Feet)	Direct Contact, Subsurface Soil (2 - 15 Feet)	SOIL to GW - USED AQUIFER 100 x GW MSC	 Generic	EPA RISK-BASED CONCENTRATIONS Industrial Soil [Ingestion]
Detected Semi-Volatile Organics (mg/kg)														
1,4-Dichlorobenzene	ND	ND	NA	ND	ND					3,300	190,000	7.5	10	120
1,2-Dichlorobenzene	ND	ND	NA	ND	ND					10,000	10,000	60	59	91,980
1,3-Dichlorobenzene	ND	ND	NA	ND	ND					10,000	10,000	60	61	30,660
2,6-Dinitrotoluene	ND	ND	NA	ND	ND					2,800	190,000	10	3	1,000
2-Methylnaphthalene	0.12 J	0.19 J	NA	0.17 J	ND					10,000	10,000	200	8,000	4,100
4-Methylphenol	ND	ND	NA	ND	ND					NR	NR	NR	NR	5,110
4-Nitrophenol	ND	ND	NA	ND	ND					22,000	190,000	6	4.1	NR
1,2,4-Trichlorobenzene	0.054	ND	NA	ND	ND					10,000	10,000	7	27	10,220
Acenaphthene	0.43	1.1	NA	0.46	ND					170,000	190,000	380	4,700	61,000
Acenaphthylene	0.10 J	0.053 J	NA	0.081 J	ND					170,000	190,000	610	6,900	NR
Anthracene	0.68	1.4	NA	0.89	ND					190,000	190,000	6.6	350	310,000
Benzo (a) anthracene	1.9	3.4	NA	2	ND					110	190,000	0.36	320	3.9
Benzo (a) pyrene	2	3	NA	2	ND					11	190,000	0.02	46	0.39
Benzo (b) fluoranthene	2	2.7	NA	1.8	ND					110	190,000	0.12	170	3.9
Benzo (g,h,i) perylene	1	1.5	NA	0.94	ND					170,000	190,000	0.026	180	NR
Benzo (k) fluoranthene	2.2	3.8	NA	2.1	ND					1,100	190,000	0.055	610	39
Bis (2-ethyl hexyl) phthalate	ND	ND	NA	ND	ND					5,700	10,000	0.6	130	200
Carbazole	0.30 J	1	NA	0.24 J	ND					4,000	190,000	13	83	140
Chrysene	2.3	3.7	NA	2.2	ND					11,000	190,000	0.19	230	390
Di-n-butylpthalate	ND	ND	NA	ND	ND					NR	NR	NR	NR	102,200
Di-n-octylphthalate	ND	ND	NA	ND	ND					10,000	10,000	200	10,000	41,000
Dibenzo (a,h) anthracene	0.31	0.56	NA	0.34	ND					11	190,000	0.036	160	0.39
Dibenzofuran	0.24 J	0.40 J	NA	0.23 J	ND					NR	NR	NR	NR	2,000
Dimethylphthalate	ND	ND	NA	ND	ND					NR	NR	NR	NR	10,000,000
Fluoranthene	3.7	9.2	NA	4	ND					110,000	190,000	26	3,200	41,000
Fluorene	0.36 J	0.8	NA	ND	ND					110,000	190,000	190	3,800	41,000
Hexachlorobenzene	ND	ND	NA	ND	ND					50	190,000	0.1	0.96	1.8
Hexachloroethane	ND	ND	NA	ND	ND					2,800	190,000	0.1	0.56	200
Indeno (1,2,3-cd) pyrene	0.98	1.4	NA	0.97	ND					110	190,000	0.36	28,000	3.9
N-Nitrosodiphenylamine	ND	ND	NA	ND	ND					16,000	190,000	53	83	584
Naphthalene	0.22 J	0.42 J	NA	0.13 J	ND					56,000	190,000	10	25	20,000
Pentachlorophenol	ND	ND	NA	ND	ND					660	190,000	0.1	5	24
Phenanthrene	2.2	6.6	NA	2.3	ND					190,000	190,000	110	10,000	NR
Pyrene	3.6	6.7	NA	3.8	ND					84,000	190,000	13	2,200	31,000
PCBs (mg/kg)														
Arochlor-1016	ND	ND	NA	ND	ND					200	10,000	0.72	200	41
Arochlor-1221	ND	ND	NA	ND	ND					160	10,000	0.52	3	1.4
Arochlor-1232	ND	ND	NA	ND	ND					160	10,000	0.52	2	1.4
Arochlor-1242	ND	ND	NA	ND	ND					160	10,000	0.52	62	1.4
Arochlor-1248	ND	ND	NA	ND	ND					44	10,000	0.14	67	1.4
Arochlor-1254	1.0	1.2	NA	ND	0.28					44	10,000	0.14	280	1.4
Arochlor-1260	1.4	0.88	NA	ND	0.15					130	190,000	0.43	1,900	1.4

* Unvalidated results
ND = Not detected
NA = Not Analyzed
NR = Not Reported
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 6.
Soil Data Summary - Detections above PRGs
Expedited Soil Investigation - Eden Road Relocation (West Parking Lot [WPL] Area)
Harley-Davidson Motor Company Operations, Inc. - York, PA

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
C	WPL-SB-48	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	0.72	Yes	No	No	No
C	WPL-SB-48	Shallow	0 -2	PCBs	Arochlor-1254		23	Yes	No	Yes	No
C	WPL-SB-48	Shallow	0 -2	VOCs	TCE		13	Yes	Yes	Yes	Yes
C	WPL-SB-52	Shallow	0 -2	Metals	Cadmium		92.8	No	Yes	Yes	Yes
C	WPL-SB-53	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	1	Yes	No	No	No
C	WPL-SB-53	Shallow	0 -2	PCBs	Arochlor-1254		2.5	Yes	No	No	No
C	WPL-SB-56	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	0.96	Yes	No	No	No
C	WPL-SB-56	Shallow	0 -2	Metals	Lead, hex. Chrome		460, 512	Yes	Yes	Yes	Yes
C	WPL-SB-56	Shallow	0 -2	PCBs	Arochlor-1254		61	Yes	No	Yes	Yes
C	WPL-SB-73	Shallow	0 -2	VOCs	TCE, PCE, DCE		710, 10, 9.2	Yes	Yes	Yes	Yes
C	WPL-SB-73	Shallow	0 -2	PCBs	Arochlor-1254		7	Yes	No	Yes	No
C	WPL-SB-75	Shallow	0 -2	VOCs	TCE		16	Yes	Yes	Yes	Yes
C	WPL-SB-75	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	0.48	Yes	No	No	No
C	WPL-SB-75	Shallow	0 -2	PCBs	Arochlor-1254, -1260		4.5, 1.7	Yes	No	Yes	No
D	WPL-SB-55	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	1.6	Yes	No	No	No
D	WPL-SB-55	Shallow	0 -2	Metals	Lead		668	No	Yes	Yes	Yes
D	WPL-SB-55	Shallow	0 -2	VOCs	TCE		2.1	No	Yes	Yes	Yes
D	WPL-SB-55	Shallow	0 -2	PCBs	Arochlor-1254		6	Yes	No	Yes	No
D	WPL-SB-55	Subsurface	5-7	VOCs	PCE, TCE, DCE, 112TCA		14, 77, 40, 0.54	Yes	Yes	Yes	Yes
D	WPL-SB-55	Subsurface	5-7	PCBs	Arochlor-1254		1.9	Yes	No	No	No
E	WPL-SB-47	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene, dibenzo (a,h) anthracene	2.2, 0.87	Yes	No	No	No
E	WPL-SB-47	Shallow	0 -2	PCBs	Arochlor-1254		14	Yes	No	Yes	No
E	WPL-SB-47	Shallow	0 -2	Metals	Lead		797	No	Yes	Yes	Yes
E	WPL-SB-47	Shallow	0 -2	VOCs	TCE		1	No	Yes	Yes	Yes
E	WPL-SB-57	Shallow	0 -2	SVOCs	PAHs	Benzo(a) pyrene	0.39	Yes	No	No	No
E	WPL-SB-57	Shallow	0 -2	Metals	Lead		1300	Yes	Yes	Yes	Yes
E	WPL-SB-57	Shallow	0 -2	PCBs	Arochlor-1254, -1260		20, 5.8	Yes	No	Yes	No
E	WPL-SB-58	Shallow	0 -2	VOCs	TCE, PCE		16, 4.6	Yes	Yes	Yes	Yes
E	WPL-SB-58	Shallow	0 -2	SVOCs	PAHs	Benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene	4.1, 4.6, 0.39	Yes	No	Yes	No
E	WPL-SB-58	Shallow	0 -2	PCBs	Arochlor-1254		1.4	Yes	No	No	No
E	WPL-TP-2-3	Shallow	1.5	VOCs	TCE, vinyl chloride		1, 4.95	No	Yes	Yes	Yes
E	WPL-TP-2-1	Subsurface	3	Metals	Lead		670	No	Yes	Yes	Yes
E	WPL-TP-2-1	Subsurface	3	PCBs	Arochlor-1254		36	Yes	No	Yes	No
E	WPL-TP-2-2	Subsurface	2.5	Metals	Zinc		91,082	No	Yes	Yes	Yes
E	WPL-TP-2-2	Subsurface	waste (drum)	VOCs	Benzene		1.9	No	Yes	Yes	Yes
E	WPL-TP-2-2	Subsurface	waste (drum)	PCBs	Arochlor-1254		2.2	Yes	No	No	No
F	WPL-SB-45	Shallow	0.5 - 2	PCBs	Arochlor-1254		5.1	Yes	No	Yes	No
F	WPL-SB-45	Subsurface	3 - 5	SVOCs	PAHs	Benzo(a) pyrene	1.3	Yes	No	No	No
F	WPL-SB-45	Subsurface	3 - 5	PCBs	Arochlor-1254		3.2	Yes	No	No	No
F	WPL-SB-45	Subsurface	3 - 5	Metals	Lead		867	No	Yes	Yes	Yes

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
F	WPL-SB-59	Subsurface	2-4	SVOCs	PAHs	Benzo (a) pyrene	0.88	Yes	No	No	No
F	WPL-SB-59	Subsurface	2-4	Metals	Antimony, Lead, Nickel		38.7, 2570, 876	No	Yes	Yes	Yes
F	WPL-SB-61	Subsurface	2-6	SVOCs	PAHs	Benzo (a) pyrene	1.6	Yes	No	No	No
F	WPL-SB-61	Subsurface	2-6	PCBs	Arochlor-1254		2.6	Yes	No	No	No
F	WPL-SB-61	Subsurface	2-6	Metals	Antimony, Lead		33.4, 760	No	Yes	Yes	Yes
G	WPL-SB-35	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	1.5	Yes	No	No	No
G	WPL-SB-35	Shallow	0 - 2	PCBs	Arochlor-1254		1.8	Yes	No	No	No
G	WPL-SB-36	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.58	Yes	No	No	No
H	WPL-SB-29	Shallow	0.5 - 2	SVOCs	PAHs	Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (k) fluoranthene, Carbazole, Crysene, Benzo (g,h,i) perylene, Dibenzo (a,h) anthracene, Indeno (1,2,3, cd) pyrene	150 - 650	Yes	Yes	Yes	Yes
H	WPL-SB-29	Shallow	0.5 - 2	Metals	Lead, Cadmium		575, 52.7	No	Yes	Yes	Yes
H	WPL-SB-30	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.56	Yes	No	No	No
H	WPL-SB-29	Subsurface	5 - 7	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene	4.2, 4.4, 3.5, 0.93	Yes	No	Yes	No
H	WPL-SB-64	Subsurface	5-7	SVOCs	PAHs	Benzo (a) pyrene	1.1	Yes	No	No	No
H	WPL-SB-64	Subsurface	5-7	PCBs	Arochlor-1254		1.5	Yes	No	No	No
H	WPL-TP-5	Subsurface	3 - 3.5	Metals	Lead		801	No	Yes	Yes	Yes
H	WPL-TP-5	Subsurface	3 - 3.5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	54, 74, 95, 15, 43	Yes	No	Yes	Yes
I	WPL-SB-28	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	7.7, 8.1, 6.6, 2, 5	Yes	No	Yes	No
I	WPL-SB-28	Shallow	0.5 - 2	Metals	Antimony, Lead		31.5, 521	No	Yes	Yes	Yes
I	WPL-SB-28	Shallow	0.5 - 2	VOCs	TCE, Benzene, cis 1,2-DCE, vinyl chloride		22, 0.79, 8.6, 11	Yes	Yes	Yes	Yes
I	WPL-SB-28	Subsurface	5 - 7	SVOCs	PAHs	Benzo (a) pyrene, dibenzo (a,h) anthracene	0.95, 0.48	Yes	No	No	No
I	WPL-SB-28	Subsurface	5 - 7	PCBs	Arochlor-1254		2.2	Yes	No	No	No
I	WPL-SB-66	Subsurface	2-4	SVOCs	PAHs	Benzo (a) pyrene	0.79	Yes	No	No	No
I	WPL-SB-66	Subsurface	2-4	VOCs	TCE, 12-DCE		56, 560	Yes	Yes	Yes	Yes
I	WPL-SB-66	Subsurface	2-4	PCBs	Arochlor-1254		1.7	Yes	No	No	No
I	WPL-SB-68	Subsurface	6-8	VOCs	vinyl chloride		0.22	No	Yes	Yes	Yes

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
I	WPL-SB-69	Subsurface	5 - 7	SVOCs	PAHs	Benzo (a) pyrene	0.51	Yes	No	No	No
I	WPL-SS-12-4	Subsurface	6 - 8	VOCs	TCE		3.2	No	Yes	Yes	Yes
I	WPL-TP-28	Subsurface	3	Metals	Lead		914	No	Yes	Yes	Yes
I	WPL-TP-28	Subsurface	3	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, benzo k fluoranthene, Dibenzo (a,h) anthracene, Indeno (123-cd) pyrene	60, 50, 48, 42, 14, 25	Yes	Yes	Yes	Yes
I	WPL-TP-28	Subsurface	3	PCBs	Arochlor-1254		4	Yes	No	No	No
I	WPL-TP-4a	Subsurface	4 - 4.5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	28.5, 28.5, 39.1, 5.14, 22	Yes	No	Yes	Yes
J	WPL-SB-21	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.67	Yes	No	No	No
J	WPL-SB-21	Shallow	0 - 2	PCBs	Arochlor-1254		480	Yes	Yes	Yes	Yes
K	WPL-SB-15	Shallow	0 - 2	SVOCs	PAHs	Benzo(a) pyrene	1.4	Yes	No	No	No
K	WPL-SB-16	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.66	Yes	No	No	No
K	WPL-SB-17	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.72	Yes	No	No	No
K	WPL-SB-17	Shallow	0.5 - 2	PCBs	Arochlor-1260		6.3	Yes	No	No	No
K	WPL-SB-19	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene	8.7, 6, 5.2, 1.2	Yes	No	Yes	No
K	WPL-SB-22	Shallow	0 - 2	PCBs	Arochlor-1254		4.2	Yes	No	No	No
K	WPL-SB-23	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	9.4, 9.3, 7.3, 2.4, 5.6	Yes	No	Yes	No
K	WPL-SB-24	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene	0.39	Yes	No	No	No
K	WPL-SB-24	Shallow	0.5 - 2	Metals	Lead		573	No	Yes	Yes	Yes
K	ERB-05	Subsurface	10	VOCs	Chlorobenzene		32	No	Yes	Yes	Yes
K	WPL-SB-19	Subsurface	10 - 12	VOCs	Chlorobenzene		57	No	Yes	Yes	Yes
K	WPL-SB-19	Subsurface	10 - 12	PCBs	Arochlor-1260		6	Yes	No	No	No
K	WPL-SB-22	Subsurface	3 - 5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	8.2, 4.7, 6.8, 1.7, 4	Yes	No	Yes	No
K	WPL-SB-22	Subsurface	3 - 5	PCBs	Arochlor-1254, -1260		1.8, 4.5	Yes	No	No	No
K	WPL-SB-22	Subsurface	3 - 5	Metals	Arsenic, Cadmium, Lead, Nickel		79.4, 62.5, 89, 1710	Yes	Yes	Yes	Yes
K	WPL-SB-22	Subsurface	3 - 5	VOCs	TCE		0.53	No	Yes	Yes	Yes
K	WPL-SG-33a	Subsurface	2 - 4	Metals	Sb, As, Cd, Se, Ag, Th		122 - 225	Yes	Yes	Yes	Yes

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
K	WPL-SG-47a	Subsurface	8 - 9	VOCs	Chlorobenzene		3630	No	Yes	Yes	Yes
K	WPL-SG-47b	Subsurface	12 - 13	VOCs	Chlorobenzene		3140	No	Yes	Yes	Yes
K	WPL-SS-15-4	Subsurface	6 - 7	Metals	Lead		480	No	Yes	Yes	Yes
K	WPL-TP-15, -15b	Subsurface	waste	Metals	Lead, Zinc		110,000, 37,000	No	Yes	Yes	Yes
K	WPL-TP-15b	Subsurface	waste	VOCs	Toluene		131	No	Yes	Yes	Yes
K	WPL-TP-15b	Subsurface	waste	PCBs	Arochlor-1254		7.2	Yes	No	Yes	No
K	WPL-TP-16	Subsurface	5	VOCs	vinyl chloride		0.21	No	Yes	Yes	Yes
K	WPL-TP-16	Subsurface	5	Metals	Cadmium, Lead		137, 5870	No	Yes	Yes	Yes
K	WPL-TP-16	Subsurface	5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	18. 11, 11, 2.4, 6.2	Yes	No	Yes	Yes
K	WPL-TP-16	Subsurface	5	PCBs	Arochlor-1254, -1260		9.4, 16	Yes	No	Yes	No
K	WPL-TP-16	Subsurface	11	VOCs	Chlorobenzene		13	No	Yes	Yes	Yes
K	WPL-TP-16	Subsurface	11	PCBs	Arochlor-1260		2.6	Yes	No	No	No
K	WPL-TP-2	Subsurface	6 - 6.5	SVOCs	PAHs	Benzo (a) pyrene, dibenzo (a,h) anthracene	1.4, 0.57	Yes	No	No	No
K	WPL-TP-3	Subsurface	4 - 4.5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene	5, 3.1, 4.2	Yes	No	Yes	No
K	WPL-TP-3	Subsurface	4 - 4.5	Metals	Lead		478	No	Yes	Yes	Yes
K	WPL-TP-50	Subsurface	5	VOCs	TCE		0.76	No	Yes	Yes	Yes
K	WPL-TP-50	Subsurface	5	Metals	Cadmium, Lead		62.6, 1700	No	Yes	Yes	Yes
K	WPL-TP-50	Subsurface	5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene	9.7, 6.6, 6.6, 1.4	Yes	No	Yes	No
K	WPL-TP-50	Subsurface	5	PCBs	Arochlor-1254		6.2	Yes	No	Yes	No
L	WPL-SB-12	Shallow	0.5 - 2	PCBs	Arochlor-1260		1.4	Yes	No	No	No
L	WPL-SB-76	Shallow	0.5 -2	SVOCs	PAHs	Benzo(a) pyrene	2	Yes	No	No	No
L	WPL-SB-76	Shallow	0.5 -2	PCBs	Arochlor-1260		1.4	Yes	No	No	No
L	WPL-SB-12	Subsurface	4 - 6	SVOCs	PAHs	Benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene	4.6, 5.6, 0.41	Yes	No	Yes	No
L	WPL-SB-12	Subsurface	4 - 6	PCBs	Arochlor-1254		1.5	Yes	No	No	No
L	WPL-SB-76	Subsurface	3-6	Metals	Lead		598	No	Yes	Yes	Yes
L	WPL-SB-76	Subsurface	3-6	VOCs	TCE, vinyl chloride		14, 1.5	Yes	Yes	Yes	Yes
L	WPL-SB-76	Subsurface	3-6	SVOCs	PAHs	Benzo(a) pyrene, dibenzo (a,h) anthracene	3, 0.56	Yes	No	Yes	No
L	WPL-TP-1a	Subsurface	4 - 4.5	Metals	Antimony, Lead		33, 905	No	Yes	Yes	Yes
L	WPL-TP-1a	Subsurface	4 - 4.5	VOCs	vinyl chloride		0.327	No	Yes	Yes	Yes
L	WPL-TP-1a	Subsurface	4 - 4.5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, indeno (1,2,3-cd) pyrene	19.5, 10.5, 14, 3.08, 13.1	Yes	No	Yes	No

AOC ID	Sample ID	Depth Class	Depth (ft.)	Parameter	Compound		Concentration (mg/kg)	> Contact	> Soil-to-GW	> Clean Fill	> Regulated Fill
M	WPL-SB-09	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene, Dibenzo (a,h) anthracene	3, 0.66	Yes	No	Yes	No
M	WPL-SB-77	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene	2	Yes	No	No	No
M	WPL-SB-08	Subsurface	3 - 5	VOCs	PCE		3.6	No	Yes	Yes	Yes
N	WPL-SB-10	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) pyrene	1.1	Yes	No	No	No
N	WPL-SB-10	Subsurface	3 - 5	VOCs	PCE, TCE		4.2, 2.2	No	Yes	Yes	Yes
N	WPL-SB-10	Subsurface	3 - 5	SVOCs	PAHs	Benzo(a) pyrene	0.96	Yes	No	No	No
N	WPL-SB-10	Subsurface	6 - 8	VOCs	PCE, TCE		13, 4.9	No	Yes	Yes	Yes
N	WPL-TP-18	Subsurface	3	PCBs	Arochlor-1260		1.6	Yes	No	No	No
	WPL-SB-37	Shallow	0.5 - 2	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	21, 20, 18,5.8, 13	Yes	No	Yes	Yes
	WPL-SB-37	Shallow	0.5 - 2	PCBs	Arochlor-1254, -1260		7, 2.2	Yes	No	Yes	No
	WPL-SB-37	Shallow	0.5 - 2	Metals	Lead		1230	Yes	Yes	Yes	Yes
	WPL-SB-37	Shallow	0.5 - 2	VOCs	TCE		3.1	No	Yes	Yes	Yes
	WPL-SS-11-1	Shallow	0 - 2	Metals	Nickel, Antimony		900, 32	No	Yes	Yes	Yes
	WPL-SS-6-2	Subsurface	2 - 4	Metals	Thallium		24	No	Yes	Yes	Yes
	WPL-SS-9-2	Subsurface	2 - 4	Metals	Thallium		63	No	Yes	Yes	Yes
	WPL-TP-11	Subsurface	2 - 3	Metals	Lead, Nickel		710, 890	No	Yes	Yes	Yes
	WPL-TP-11	Subsurface	2 - 3 (waste)	PCBs	Arochlor-1254		1.5 - 14	Yes	No	Yes	No
	WPL-TP-37	Subsurface	5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene, dibenzo (a,h) anthracene, Indeno (1,2,3-cd) pyrene	9.8, 4.4, 9.3, 2.4, 4.3	Yes	No	Yes	No
	WPL-TP-37	Subsurface	5	Metals	Antimony, Lead		47.5, 2760	No	Yes	Yes	Yes
	WPL-TP-37	Subsurface	5	PCBs	Arochlor-1254		4.8	Yes	No	Yes	No
	WPL-TP-6	Subsurface	5.5 - 6	SVOCs	PAHs	Benzo(a) pyrene	1.59	Yes	No	No	No
	WPL-TP-6	Subsurface	5.5 - 6	Metals	Lead		1180	No	Yes	Yes	Yes
	WPL-TP-7a	Subsurface	4 - 4.5	SVOCs	PAHs	Benzo(a) anthracene, benzo (a) pyrene, benzo (b) fluoranthene	6.87, 2.45, 5.26	Yes	No	No	No
	WPL-TP-7a	Subsurface	4 - 4.5	Metals	Sb, Cr, Pb, Ni		39, 778, 2880, 2210	No	Yes	Yes	Yes

Table 7.

SPLP Correlation Data - metals						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
Z804	509218	WPL-SB-52-02	Antimony	< 0.47	< 0.0045	0.006
Y127	501746	WPL-SB-24-02	Antimony	4.8	< 0.0058	0.006
Y991	505745	WPL-TP-016-05	Antimony	4.8	< 0.0045	0.006
Z995	510238	WPL-SB-76-06	Antimony	7.6	0.01	0.006
Y029	501246	WPL-SB-037-02	Antimony	9	< 0.0058	0.006
Y991	505743	WPL-TP-050-05	Antimony	9.5	0.01	0.006
Y127	501751	WPL-SB-45-05	Antimony	10.7	< 0.0058	0.006
Y029	501255	WPL-SB-022-04	Antimony	11.3	< 0.0058	0.006
Z804	509225	WPL-SB-56-02	Antimony	11.5	0.009	0.006
Z804	509227	WPL-SB-55-02	Antimony	12.1	0.01	0.006
Z100	506325	WPL-TP-028-03	Antimony	16.5	0.07	0.006
Z804	509231	WPL-SB-57-02	Antimony	21.6	0.007	0.006
Z905	509718	WPL-SB-61-06	Antimony	33.4	0.04	0.006
Z905	509720	WPL-SB-59-04	Antimony	38.7	< 0.0045	0.006
Y991	505741	WPL-TP-037-05	Antimony	47.5	0.03	0.006
Z905	509720	WPL-SB-59-04	Arsenic	6.2	< 0.0036	0.005
Z995	510238	WPL-SB-76-06	Arsenic	7.6	< 0.0036	0.005
Z804	509227	WPL-SB-55-02	Arsenic	9.2	< 0.0036	0.005
Z905	509718	WPL-SB-61-06	Arsenic	9.9	< 0.0036	0.005
Y127	501746	WPL-SB-24-02	Arsenic	10.8	< 0.0032	0.005
Z804	509231	WPL-SB-57-02	Arsenic	10.8	< 0.0036	0.005
Z804	509225	WPL-SB-56-02	Arsenic	11.2	< 0.0036	0.005
Y127	501751	WPL-SB-45-05	Arsenic	12.4	< 0.0032	0.005
Y991	505741	WPL-TP-037-05	Arsenic	12.8	0.004	0.005
Z100	506325	WPL-TP-028-03	Arsenic	14.8	< 0.0036	0.005
Y991	505743	WPL-TP-050-05	Arsenic	16	< 0.0036	0.005
Z804	509218	WPL-SB-52-02	Arsenic	17	< 0.0036	0.005
Y991	505745	WPL-TP-016-05	Arsenic	22.1	0.005	0.005
Y029	501246	WPL-SB-037-02	Arsenic	47.4	< 0.0032	0.005
Y029	501255	WPL-SB-022-04	Arsenic	79.4	0.01	0.005
Z905	509720	WPL-SB-59-04	Cadmium	1.4	< 0.0004	0.005
Z995	510238	WPL-SB-76-06	Cadmium	4	< 0.0004	0.005
Y991	505741	WPL-TP-037-05	Cadmium	4.3	< 0.0004	0.005
Z905	509718	WPL-SB-61-06	Cadmium	4.9	< 0.0004	0.005
Y127	501746	WPL-SB-24-02	Cadmium	9.1	< 0.0004	0.005
Z100	506325	WPL-TP-028-03	Cadmium	10.6	< 0.0004	0.005
Z804	509231	WPL-SB-57-02	Cadmium	11.5	< 0.0004	0.005
Z804	509225	WPL-SB-56-02	Cadmium	12.2	< 0.0004	0.005
Z804	509227	WPL-SB-55-02	Cadmium	12.6	< 0.0004	0.005
Y127	501751	WPL-SB-45-05	Cadmium	17.4	< 0.0004	0.005
Y029	501246	WPL-SB-037-02	Cadmium	31.5	< 0.0004	0.005
Y029	501255	WPL-SB-022-04	Cadmium	62.5	0.0005	0.005
Y991	505743	WPL-TP-050-05	Cadmium	62.6	< 0.0004	0.005
Z804	509218	WPL-SB-52-02	Cadmium	92.8	0.0006	0.005
Y991	505745	WPL-TP-016-05	Cadmium	137	< 0.0004	0.005
Z804	509218	WPL-SB-52-02	Chromium	11.8	0.002	0.1
Z995	510238	WPL-SB-76-06	Chromium	58.1	0.003	0.1
Z905	509718	WPL-SB-61-06	Chromium	146	0.03	0.1
Y127	501751	WPL-SB-45-05	Chromium	160	0.004	0.1
Z905	509720	WPL-SB-59-04	Chromium	233	0.03	0.1

Table 7.

SPLP Correlation Data - metals						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
Z100	506325	WPL-TP-028-03	Chromium	253	0.008	0.1
Z804	509227	WPL-SB-55-02	Chromium	321	0.09	0.1
Z804	509231	WPL-SB-57-02	Chromium	490	0.02	0.1
Z804	509225	WPL-SB-56-02	Chromium	544	0.02	0.1
Y029	501246	WPL-SB-037-02	Chromium	738	0.002	0.1
Y991	505745	WPL-TP-016-05	Chromium	1790	0.003	0.1
Y991	505743	WPL-TP-050-05	Chromium	2940	0.003	0.1
Y029	501255	WPL-SB-022-04	Chromium	3430	0.004	0.1
Y127	501746	WPL-SB-24-02	Chromium	3820	0.02	0.1
Y991	505741	WPL-TP-037-05	Chromium	6260	< 0.0011	0.1
Z804	509225	WPL-SB-56-02	Hexavalent Chromiu	512	266	
Z804	509218	WPL-SB-52-02	Lead	32.4	0.003	0.005
Z804	509225	WPL-SB-56-02	Lead	460	0.005	0.005
Y127	501746	WPL-SB-24-02	Lead	573	0.008	0.005
Z995	510238	WPL-SB-76-06	Lead	598	0.009	0.005
Z804	509227	WPL-SB-55-02	Lead	668	0.02	0.005
Z905	509718	WPL-SB-61-06	Lead	760	0.02	0.005
Y127	501751	WPL-SB-45-05	Lead	867	0.02	0.005
Y029	501255	WPL-SB-022-04	Lead	889	0.005	0.005
Z100	506325	WPL-TP-028-03	Lead	914	0.05	0.005
Y029	501246	WPL-SB-037-02	Lead	1230	0.003	0.005
Z804	509231	WPL-SB-57-02	Lead	1300	0.006	0.005
Y991	505743	WPL-TP-050-05	Lead	1700	< 0.0021	0.005
Z905	509720	WPL-SB-59-04	Lead	2570	0.002	0.005
Y991	505741	WPL-TP-037-05	Lead	2760	< 0.0021	0.005
Y991	505745	WPL-TP-016-05	Lead	5870	0.003	0.005
Z100	506325	WPL-TP-028-03	Mercury	0.04	< 0.0001	0.002
Y127	501751	WPL-SB-45-05	Mercury	0.07	< 0.0001	0.002
Z905	509720	WPL-SB-59-04	Mercury	0.07	< 0.0001	0.002
Z804	509218	WPL-SB-52-02	Mercury	0.08	< 0.0001	0.002
Y029	501255	WPL-SB-022-04	Mercury	0.2	< 0.0001	0.002
Z905	509718	WPL-SB-61-06	Mercury	0.21	< 0.0001	0.002
Z995	510238	WPL-SB-76-06	Mercury	0.22	< 0.0001	0.002
Y127	501746	WPL-SB-24-02	Mercury	0.25	< 0.0001	0.002
Z804	509227	WPL-SB-55-02	Mercury	0.52	< 0.0001	0.002
Y991	505745	WPL-TP-016-05	Mercury	0.53	< 0.0001	0.002
Z804	509225	WPL-SB-56-02	Mercury	0.69	< 0.0001	0.002
Y991	505743	WPL-TP-050-05	Mercury	0.72	< 0.0001	0.002
Y991	505741	WPL-TP-037-05	Mercury	0.94	< 0.0001	0.002
Y029	501246	WPL-SB-037-02	Mercury	1.1	< 0.0001	0.002
Z804	509231	WPL-SB-57-02	Mercury	1.2	< 0.0001	0.002
Z804	509218	WPL-SB-52-02	Nickel	7.1	< 0.0014	0.1
Z995	510238	WPL-SB-76-06	Nickel	46.5	< 0.0014	0.1
Z804	509227	WPL-SB-55-02	Nickel	67.9	0.004	0.1
Y127	501751	WPL-SB-45-05	Nickel	73.1	0.003	0.1
Z804	509231	WPL-SB-57-02	Nickel	91.1	0.003	0.1
Y127	501746	WPL-SB-24-02	Nickel	95.1	0.004	0.1
Z905	509718	WPL-SB-61-06	Nickel	98.3	0.004	0.1
Z804	509225	WPL-SB-56-02	Nickel	114	< 0.0014	0.1
Y991	505743	WPL-TP-050-05	Nickel	220	0.02	0.1

Table 7.

SPLP Correlation Data - metals						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
Z100	506325	WPL-TP-028-03	Nickel	281	0.01	0.1
Y029	501246	WPL-SB-037-02	Nickel	355	< 0.0016	0.1
Y991	505745	WPL-TP-016-05	Nickel	486	0.03	0.1
Y991	505741	WPL-TP-037-05	Nickel	587	0.01	0.1
Z905	509720	WPL-SB-59-04	Nickel	876	0.003	0.1
Y029	501255	WPL-SB-022-04	Nickel	1710	0.008	0.1
Z804	509218	WPL-SB-52-02	Selenium	< 0.084	< 0.0045	0.05
Z905	509720	WPL-SB-59-04	Selenium	< 0.48	< 0.0045	0.05
Z100	506325	WPL-TP-028-03	Selenium	< 0.55	< 0.0045	0.05
Y029	501246	WPL-SB-037-02	Selenium	< 1.2	< 0.0042	0.05
Y127	501746	WPL-SB-24-02	Selenium	< 1.2	< 0.0042	0.05
Y127	501751	WPL-SB-45-05	Selenium	< 1.2	< 0.0042	0.05
Y991	505743	WPL-TP-050-05	Selenium	< 1.5	< 0.0042	0.05
Z905	509718	WPL-SB-61-06	Selenium	< 1.5	< 0.0045	0.05
Y991	505741	WPL-TP-037-05	Selenium	< 1.7	< 0.0042	0.05
Y991	505745	WPL-TP-016-05	Selenium	< 2.3	< 0.0042	0.05
Z995	510238	WPL-SB-76-06	Selenium	1.2	< 0.0045	0.05
Z804	509231	WPL-SB-57-02	Selenium	1.7	< 0.0045	0.05
Z804	509225	WPL-SB-56-02	Selenium	1.8	< 0.0045	0.05
Z804	509227	WPL-SB-55-02	Selenium	2	< 0.0045	0.05
Y029	501255	WPL-SB-022-04	Selenium	4.2	< 0.0042	0.05
Z804	509218	WPL-SB-52-02	Silver	< 0.53	0.001	0.1
Z995	510238	WPL-SB-76-06	Silver	0.68	0.002	0.1
Z905	509720	WPL-SB-59-04	Silver	3	< 0.0011	0.1
Y127	501751	WPL-SB-45-05	Silver	5.4	< 0.0014	0.1
Z100	506325	WPL-TP-028-03	Silver	6.7	< 0.0011	0.1
Z804	509225	WPL-SB-56-02	Silver	7.5	< 0.0011	0.1
Y127	501746	WPL-SB-24-02	Silver	7.6	< 0.0014	0.1
Z804	509227	WPL-SB-55-02	Silver	9.1	< 0.0011	0.1
Y991	505745	WPL-TP-016-05	Silver	10.8	< 0.0014	0.1
Y029	501246	WPL-SB-037-02	Silver	13.4	< 0.0014	0.1
Z804	509231	WPL-SB-57-02	Silver	14.3	< 0.0011	0.1
Z905	509718	WPL-SB-61-06	Silver	15.2	< 0.0011	0.1
Y991	505743	WPL-TP-050-05	Silver	15.3	< 0.0014	0.1
Y991	505741	WPL-TP-037-05	Silver	17.1	< 0.0014	0.1
Y029	501255	WPL-SB-022-04	Silver	24.4	< 0.0014	0.1
	Shaded result indicates exceeds Act 2 soil-to-groundwater MSC (total) or MCL (SPLP)					

Table 8.

SPLP Correlation Data - VOCs
Expedited Soil Investigation, Eden Road Relocation
Harley-Davidson Motor Company Operations, Inc., York, PA

SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
X857	500545	BPA-SB-010-12	PCE	0.055	0.0019	0.005
X857	500545	BPA-SB-010-12	TCE	0.81	0.022	0.005
X857	500545	BPA-SB-010-12	Vinyl chloride	< 0.56	< 0.005	0.002
X857	500545	BPA-SB-010-12	Benzene	< 0.11	< 0.001	0.005
X857	500545	BPA-SB-010-12	Chlorobenzene	< 0.56	< 0.005	0.1
X857	500548	BPA-SB-009-02	PCE	1.5	0.0022	0.005
X857	500548	BPA-SB-009-02	TCE	5.8	0.0093	0.005
X857	500548	BPA-SB-009-02	Vinyl chloride	< 0.55	< 0.005	0.002
X857	500548	BPA-SB-009-02	Benzene	< 0.11	< 0.001	0.005
X857	500548	BPA-SB-009-02	Chlorobenzene	< 0.55	< 0.005	0.1
X857	500549	BPA-SB-009-07	PCE	0.23	0.00071	0.005
X857	500549	BPA-SB-009-07	TCE	0.73	< 0.001	0.005
X857	500549	BPA-SB-009-07	Vinyl chloride	< 0.54	< 0.005	0.002
X857	500549	BPA-SB-009-07	Benzene	< 0.11	< 0.001	0.005
X857	500549	BPA-SB-009-07	Chlorobenzene	< 0.54	< 0.005	0.1
X857	500550	BPA-SB-009-13	PCE	0.66	< 0.001	0.005
X857	500550	BPA-SB-009-13	TCE	5.6	< 0.001	0.005
X857	500550	BPA-SB-009-13	Vinyl chloride	< 0.54	< 0.005	0.002
X857	500550	BPA-SB-009-13	Benzene	< 0.11	< 0.001	0.005
X857	500550	BPA-SB-009-13	Chlorobenzene	< 0.54	< 0.005	0.1
X857	500551	BPA-SB-008-02	PCE	130	0.019	0.005
X857	500551	BPA-SB-008-02	TCE	92	0.039	0.005
X857	500551	BPA-SB-008-02	Vinyl chloride	< 12	< 0.005	0.002
X857	500551	BPA-SB-008-02	Benzene	< 2.4	< 0.001	0.005
X857	500551	BPA-SB-008-02	Chlorobenzene	< 12	< 0.005	0.1
X857	500552	BPA-SB-008-06	PCE	1.0	0.003	0.005
X857	500552	BPA-SB-008-06	TCE	0.61	0.0047	0.005
X857	500552	BPA-SB-008-06	Vinyl chloride	< 0.56	< 0.005	0.002
X857	500552	BPA-SB-008-06	Benzene	< 0.11	< 0.001	0.005
X857	500552	BPA-SB-008-06	Chlorobenzene	< 0.56	< 0.005	0.1
X857	500553	BPA-SB-008-09	PCE	1.2	< 0.001	0.005
X857	500553	BPA-SB-008-09	TCE	1.9	< 0.001	0.005
X857	500553	BPA-SB-008-09	Vinyl chloride	< 0.53	< 0.005	0.002
X857	500553	BPA-SB-008-09	Benzene	< 0.11	< 0.001	0.005
X857	500553	BPA-SB-008-09	Chlorobenzene	< 0.53	< 0.005	0.1
X857	500554	BPA-SB-007-02	PCE	1.8	0.0084	0.005
X857	500554	BPA-SB-007-02	TCE	4.3	0.037	0.005
X857	500554	BPA-SB-007-02	Vinyl chloride	< 0.54	< 0.005	0.002
X857	500554	BPA-SB-007-02	Benzene	< 0.11	< 0.001	0.005
X857	500554	BPA-SB-007-02	Chlorobenzene	< 0.54	< 0.005	0.1
X930	500819	BPA-SB-012-02	PCE	0.88	0.0051	0.005
X930	500819	BPA-SB-012-02	TCE	0.54	0.0035	0.005
X930	500819	BPA-SB-012-02	Vinyl chloride	< 0.59	< 0.005	0.002
X930	500819	BPA-SB-012-02	Benzene	< 0.098	< 0.001	0.005
X930	500819	BPA-SB-012-02	Chlorobenzene	< 0.49	< 0.005	0.1
X930	500821	BPA-SB-011-02	PCE	50	0.013	0.005
X930	500821	BPA-SB-011-02	TCE	120	0.064	0.005
X930	500821	BPA-SB-011-02	Vinyl chloride	< 5.7	< 0.005	0.002

Table 8.

SPLP Correlation Data - VOCs						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
X930	500821	BPA-SB-011-02	Benzene	< 1.1	< 0.001	0.005
X930	500821	BPA-SB-011-02	Chlorobenzene	< 5.7	< 0.005	0.1
X930	500822	BPA-SB-011-04	PCE	0.58	0.0037	0.005
X930	500822	BPA-SB-011-04	TCE	1.2	0.016	0.005
X930	500822	BPA-SB-011-04	Vinyl chloride	< 0.51	< 0.005	0.002
X930	500822	BPA-SB-011-04	Benzene	< 0.1	< 0.001	0.005
X930	500822	BPA-SB-011-04	Chlorobenzene	< 0.51	< 0.005	0.1
X930	500823	BPA-SB-011-09	PCE	31	0.0008	0.005
X930	500823	BPA-SB-011-09	TCE	26	< 0.001	0.005
X930	500823	BPA-SB-011-09	Vinyl chloride	< 2.2	< 0.005	0.002
X930	500823	BPA-SB-011-09	Benzene	< 0.45	< 0.001	0.005
X930	500823	BPA-SB-011-09	Chlorobenzene	< 2.2	< 0.005	0.1
X930	500825	BPA-SB-016-02	PCE	4.7	0.0029	0.005
X930	500825	BPA-SB-016-02	TCE	5.4	0.0056	0.005
X930	500825	BPA-SB-016-02	Vinyl chloride	< 0.55	< 0.005	0.002
X930	500825	BPA-SB-016-02	Benzene	< 0.11	< 0.001	0.005
X930	500825	BPA-SB-016-02	Chlorobenzene	< 0.55	< 0.005	0.1
X930	500826	BPA-SB-016-04	PCE	1.1	0.0046	0.005
X930	500826	BPA-SB-016-04	TCE	0.18	0.0055	0.005
X930	500826	BPA-SB-016-04	Vinyl chloride	< 0.53	< 0.005	0.002
X930	500826	BPA-SB-016-04	Benzene	< 0.10	< 0.001	0.005
X930	500826	BPA-SB-016-04	Chlorobenzene	< 0.53	< 0.005	0.1
X930	500827	BPA-SB-016-12	PCE	1.3	< 0.001	0.005
X930	500827	BPA-SB-016-12	TCE	0.28	< 0.001	0.005
X930	500827	BPA-SB-016-12	Vinyl chloride	< 0.53	< 0.005	0.002
X930	500827	BPA-SB-016-12	Benzene	< 0.11	< 0.001	0.005
X930	500827	BPA-SB-016-12	Chlorobenzene	< 0.53	< 0.005	0.1
X930	500828	BPA-SB-015-02	PCE	1.7	0.0028	0.005
X930	500828	BPA-SB-015-02	TCE	0.48	0.0023	0.005
X930	500828	BPA-SB-015-02	Vinyl chloride	< 0.58	< 0.005	0.002
X930	500828	BPA-SB-015-02	Benzene	< 0.12	< 0.001	0.005
X930	500828	BPA-SB-015-02	Chlorobenzene	< 0.58	< 0.005	0.1
X930	500829	BPA-SB-015-03	PCE	0.63	0.0041	0.005
X930	500829	BPA-SB-015-03	TCE	< 0.10	< 0.001	0.005
X930	500829	BPA-SB-015-03	Vinyl chloride	< 0.51	< 0.005	0.002
X930	500829	BPA-SB-015-03	Benzene	< 0.10	< 0.001	0.005
X930	500829	BPA-SB-015-03	Chlorobenzene	< 0.51	< 0.005	0.1
X930	500830	BPA-SB-015-07	PCE	1.1	0.59	0.005
X930	500830	BPA-SB-015-07	TCE	0.18	0.0069	0.005
X930	500830	BPA-SB-015-07	Vinyl chloride	< 0.58	< 0.025	0.002
X930	500830	BPA-SB-015-07	Benzene	< 0.12	< 0.005	0.005
X930	500830	BPA-SB-015-07	Chlorobenzene	< 0.58	< 0.025	0.1
X930	500854	BPA-SB-002-02	PCE	1.0	0.0034	0.005
X930	500854	BPA-SB-002-02	TCE	0.58	0.0022	0.005
X930	500854	BPA-SB-002-02	Vinyl chloride	< 0.51	< 0.005	0.002
X930	500854	BPA-SB-002-02	Benzene	< 0.10	< 0.001	0.005
X930	500854	BPA-SB-002-02	Chlorobenzene	< 0.51	< 0.005	0.1
X930	500857	BPA-SB-001-02	PCE	160	0.18	0.005

Table 8.

SPLP Correlation Data - VOCs						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
X930	500857	BPA-SB-001-02	TCE	26	0.062	0.005
X930	500857	BPA-SB-001-02	Vinyl chloride	< 5.7	< 0.01	0.002
X930	500857	BPA-SB-001-02	Benzene	< 1.1	< 0.002	0.005
X930	500857	BPA-SB-001-02	Chlorobenzene	< 5.7	< 0.01	0.1
X930	500858	BPA-SB-001-07	PCE	43	0.018	0.005
X930	500858	BPA-SB-001-07	TCE	4.9	0.0017	0.005
X930	500858	BPA-SB-001-07	Vinyl chloride	< 1.2	< 0.005	0.002
X930	500858	BPA-SB-001-07	Benzene	< 0.23	< 0.001	0.005
X930	500858	BPA-SB-001-07	Chlorobenzene	< 1.2	< 0.005	0.1
Y029	501246	WPL-SB-037-02	PCE	< 0.16	< 0.001	0.005
Y029	501246	WPL-SB-037-02	TCE	3.1	< 0.001	0.005
Y029	501246	WPL-SB-037-02	Vinyl chloride	0.11	< 0.005	0.002
Y029	501246	WPL-SB-037-02	Benzene	< 0.16	< 0.001	0.005
Y029	501246	WPL-SB-037-02	Chlorobenzene	< 0.81	< 0.005	0.1
Y029	501255	WPL-SB-022-04	PCE	< 0.13	< 0.001	0.005
Y029	501255	WPL-SB-022-04	TCE	0.53	0.001	0.005
Y029	501255	WPL-SB-022-04	Vinyl chloride	< 0.64	< 0.005	0.002
Y029	501255	WPL-SB-022-04	Benzene	< 0.13	< 0.001	0.005
Y029	501255	WPL-SB-022-04	Chlorobenzene	< 0.64	< 0.005	0.1
Y268	502276	BPA-SB-050-02	PCE	210	0.12	0.005
Y268	502276	BPA-SB-050-02	TCE	14	0.013	0.005
Y268	502276	BPA-SB-050-02	Vinyl chloride	< 11	< 0.005	0.002
Y268	502276	BPA-SB-050-02	Benzene	< 2.3	< 0.001	0.005
Y268	502276	BPA-SB-050-02	Chlorobenzene	< 11	< 0.005	0.1
Y268	502277	BPA-SB-050-07	PCE	4100	8.5	0.005
Y268	502277	BPA-SB-050-07	TCE	110	0.091	0.005
Y268	502277	BPA-SB-050-07	Vinyl chloride	< 110	< 0.25	0.002
Y268	502277	BPA-SB-050-07	Benzene	< 22	< 0.05	0.005
Y268	502277	BPA-SB-050-07	Chlorobenzene	< 110	< 0.25	0.1
Y268	502279	BPA-SB-051-02	PCE	5.3	0.055	0.005
Y268	502279	BPA-SB-051-02	TCE	0.63	0.021	0.005
Y268	502279	BPA-SB-051-02	Vinyl chloride	< 0.56	< 0.005	0.002
Y268	502279	BPA-SB-051-02	Benzene	< 0.11	< 0.001	0.005
Y268	502279	BPA-SB-051-02	Chlorobenzene	< 0.56	< 0.005	0.1
Y268	502280	BPA-SB-051-07	PCE	1.2	0.0062	0.005
Y268	502280	BPA-SB-051-07	TCE	0.25	0.0012	0.005
Y268	502280	BPA-SB-051-07	Vinyl chloride	< 0.58	< 0.005	0.002
Y268	502280	BPA-SB-051-07	Benzene	< 0.12	< 0.001	0.005
Y268	502280	BPA-SB-051-07	Chlorobenzene	< 0.58	< 0.005	0.1
Y991	505743	WPL-TP-050-05	PCE	< 0.16	< 0.001	0.005
Y991	505743	WPL-TP-050-05	TCE	0.76	0.0016	0.005
Y991	505743	WPL-TP-050-05	Vinyl chloride	< 0.78	< 0.005	0.002
Y991	505743	WPL-TP-050-05	Benzene	0.21	0.0015	0.005
Y991	505743	WPL-TP-050-05	Chlorobenzene	9.00	0.09	0.1
Y991	505745	WPL-TP-016-05	PCE	< 0.15	< 0.001	0.005
Y991	505745	WPL-TP-016-05	TCE	< 0.15	< 0.001	0.005
Y991	505745	WPL-TP-016-05	Vinyl chloride	0.21	< 0.005	0.002
Y991	505745	WPL-TP-016-05	Benzene	0.22	0.0014	0.005

Table 8.

SPLP Correlation Data - VOCs						
Expedited Soil Investigation, Eden Road Relocation						
Harley-Davidson Motor Company Operations, Inc., York, PA						
SDG No.	Lab Sample No.	Sample ID	Cmpds > PRG	Total conc.	SPLP conc.	MCL conc.
				mg/kg	mg/L	mg/L
Y991	505745	WPL-TP-016-05	Chlorobenzene	1.30	0.0058	0.1
Y991	505746	WPL-TP-016-11	PCE	< 0.19	< 0.002	0.005
Y991	505746	WPL-TP-016-11	TCE	< 0.19	< 0.002	0.005
Y991	505746	WPL-TP-016-11	Vinyl chloride	< 0.95	< 0.01	0.002
Y991	505746	WPL-TP-016-11	Benzene	< 0.19	< 0.002	0.005
Y991	505746	WPL-TP-016-11	Chlorobenzene	13.00	0.3	0.1
Z804	509227	WPL-SB-55-02	PCE	< 0.11	< 0.001	0.005
Z804	509227	WPL-SB-55-02	TCE	2.1	0.02	0.005
Z804	509227	WPL-SB-55-02	Vinyl chloride	< 0.56	< 0.005	0.002
Z804	509227	WPL-SB-55-02	Benzene	< 0.11	< 0.001	0.005
Z804	509227	WPL-SB-55-02	Chlorobenzene	< 0.56	< 0.005	0.1
Z804	509228	WPL-SB-55-07	PCE	14	0.02	0.005
Z804	509228	WPL-SB-55-07	TCE	77	0.03	0.005
Z804	509228	WPL-SB-55-07	Vinyl chloride	< 2.8	< 0.005	0.002
Z804	509228	WPL-SB-55-07	Benzene	< 0.56	< 0.001	0.005
Z804	509228	WPL-SB-55-07	Chlorobenzene	< 2.8	< 0.005	0.1
Z804	509234	WPL-SB-58-02	PCE	4.6	0.0017	0.005
Z804	509234	WPL-SB-58-02	TCE	16	0.01	0.005
Z804	509234	WPL-SB-58-02	Vinyl chloride	< 0.55	< 0.005	0.002
Z804	509234	WPL-SB-58-02	Benzene	< 0.11	< 0.001	0.005
Z804	509234	WPL-SB-58-02	Chlorobenzene	< 0.55	< 0.005	0.1
	Shaded result indicates exceeds Act 2 soil-to-groundwater MSC (total) or MCL (SPLP)					

Table 9. Waste Characterization Testing Analytical Results
Expedited Soil Investigation, Eden Road Relocation
Harley-Davidson Motor Company Operations, Inc., York, PA

Location								
Sample ID		BPA-SB-018-02	WPL-SB-029-02	WPL-SB-048-02	WPL-SB-047-02	WPL-SB-028-02		
Lab ID		498541	504353	504355	504356	504358		
Date Collected		2/4/2004	2/11/2004	2/12/2004	2/12/2004	2/12/2004		
	Regulatory Level*							
TCLP Volatile Organics (mg/L)								
Benzene	0.5	ND	NA	ND	ND	ND		
2-Butanone (MEK)	200.0	ND	NA	ND	ND	ND		
Carbon Tetrachloride	0.5	ND	NA	ND	ND	ND		
Chlorobenzene	100.0	ND	NA	ND	ND	ND		
Chloroform	6.0	ND	NA	ND	ND	ND		
1,2-Dichloroethane	0.5	ND	NA	ND	ND	ND		
1,1-Dichloroethene	0.7	ND	NA	ND	ND	ND		
Tetrachloroethene	0.7	0.03	NA	ND	0.0017	ND		
Trichloroethene	0.5	0.01	NA	0.0087	0.0083	0.001		
Vinyl Chloride	0.2	ND	NA	ND	ND	0.009		
TCLP Metals (mg/L)								
Arsenic	5.0	NA	ND	NA	ND	ND		
Barium	100.0	NA	0.48 B	NA	2.5	1.9		
Cadmium	1.0	NA	0.16	NA	0.08	0.02 B		
Chromium	5.0	NA	0.009 B	NA	0.006 B	ND		
Lead	5.0	NA	0.05 B	NA	0.6	0.06 B		
Mercury	0.2	NA	ND	NA	ND	ND		
Selenium	1.0	NA	ND	NA	ND	0.03 B		
Silver	5.0	NA	ND	NA	ND	0.01 B		
PCBs, Total (mg/kg)								
Aroclor-1016	50 mg/kg **	ND	ND	ND	ND	ND		
Aroclor-1221	50 mg/kg **	ND	ND	ND	ND	ND		
Aroclor-1232	50 mg/kg **	ND	ND	ND	ND	ND		
Aroclor-1242	50 mg/kg **	ND	ND	ND	ND	ND		
Aroclor-1248	50 mg/kg **	ND	ND	ND	ND	ND		
Aroclor-1254	50 mg/kg **	ND	0.25	23	14	ND		
Aroclor-1260	50 mg/kg **	ND	ND	ND	ND	0.82		
Ignitability	40 CFR 261.21	NA	NA	NA	NA	NA		
Corrosivity	40 CFR 261.22	NA	NA	NA	NA	NA		
Reactive Cyanide (mg/kg)	40 CFR 261.23	NA	NA	NA	NA	NA		
Reactive Sulfide (mg/kg)	40 CFR 261.23	NA	NA	NA	NA	NA		
Petroleum Hydrocarbons, Total (mg/kg)		NA	NA	NA	NA	NA		

*EPA Regulatory Levels per 40 CFR 261.24
**TSCA and State Regulatory Levels
All units in mg/L except where noted
Bold indicates in excees of regulatory limit
ND - Not detected above the reporting limit
NA - Not analyzed for
B - Reported value is less than the Reporting Limit but greater than the Instrument Detection Limit.

Table 10.
Clean Fill Evaluation - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-03 0-2 2/11/2004	BPA-SB-04 0-2 2/4/2004	BPA-SB-05 0-2 2/11/2004	BPA-SB-06 0-2 2/4/2004	BPA-SB-13 0-2 2/11/2004	BPA-SB-14 0-2 2/4/2004	BPA-SB-17 0-2 2/4/2004	BPA-SB-19 0-2 2/3/2004	BPA-SB-20 0-2 2/11/2004	BPA-SB-21 0-2 2/9/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Metals/Inorganics (mg/kg)												
Antimony	ND	ND	ND	ND	ND	0.46 B	ND	ND	ND	ND	**27**	**27**
Arsenic	6.0	4.1	4.9	5.0	5.3	5.9	5.1 B	4.4	5.4	4.8	**12/20**	**53**
Beryllium	0.6	0.54	0.58	0.51	0.38	0.45	0.50 B	0.53	0.57	0.54	**320**	**320**
Cadmium	0.6	1.5	1.4	0.26 B	0.96	1.5	1.6	0.55 B	0.20 B	0.39 B	**38**	**38**
Chromium, total	25.9	16.7	23	17.2	13.8	23.2	20.7	11.9	14.4	21.1	**190,000**	**190,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**94**	**190**
Copper	24.3	21.0	42.5	13.8	45.8	38.0	39.4	13.2	74.2	25.9	**8,200**	**36,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	**200**
Lead	55.3	37.5	48.1	32.8	41	80.6	52.2	19.5	35.4	37.5	**450**	**450**
Mercury	0.06	0.02 B	0.03 B	0.05	0.19	0.07	0.04 B	0.05	0.07	0.10	**10**	**10**
Nickel	8.5	8.5	11.3	6.0	8.8	11.5	10.1 B	6.8	10.5	10.2	**650**	**650**
Selenium	ND	ND	ND	ND	ND	ND	0.23 B	0.46 B	ND	ND	**26**	**26**
Silver	ND	ND	0.24 B	ND	0.09 B	0.13 B	ND	ND	ND	ND	**84**	**84**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14**	**14**
Zinc	74.2	68.6	142	46.9	76.7	95.0	116.0	38.8	70.2	95.6	**12,000**	**12,000**
Detected Volatile Organics (mg/kg)												
Acetone	0.057	0.053	0.046	ND	0.056	ND	0.14	0.053	0.049	0.060	**41**	**110**
Benzene	ND	ND	ND	ND	ND	ND	0.0015 J	ND	ND	0.0014	**0.13**	**0.13**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	0.0049	ND	ND	**54**	**110**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**350**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.5**	**2.5**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.1**	**6.1**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.65**	**2.7**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.1**	**0.1**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.19**	**0.19**
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	0.0031 J	ND	ND	**1.6**	**1.6**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.3**	**2.3**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.073**	**0.31**
Ethylbenzene	ND	0.0005 J	ND	0.0006 J	ND	0.0005 J	ND	ND	ND	ND	**46**	**46**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.076**	**0.076**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0093**	**0.0093**
Tetrachloroethene (PCE)	0.0	ND	0.0007 J	0.0062	0.014	0.0014	0.014	0.0005 J	ND	ND	**0.43**	**0.43**
Toluene	ND	ND	0.0020 J	ND	ND	ND	0.0015 J	ND	ND	0.0017 J	**44**	**44**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	0.0018 J	ND	ND	ND	**7.2**	**7.2**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.15**	**0.15**
Trichloroethene (TCE)	0.034	0.0007 J	0.0	0.0054	0.0021	0.0032	0.012	0.0056	0.0	0.011	**0.17**	**0.17**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.03**	**0.027**
Xylenes (total)	ND	0.0014 J	ND	0.0022 J	ND	0.0022 J	ND	ND	ND	ND	**990**	**990**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 10.
Clean Fill Evaluation - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-23 0-2 2/9/2004	BPA-SB-25 0-2 2/5/2004	BPA-SB-26 0-2 2/4/2004	BPA-SB-27 0-2 2/4/2004	BPA-SB-28 0-2 2/5/2004	BPA-SB-29 0-2 2/5/2004	BPA-SB-30 0-2 2/5/2004	BPA-SB-31 0-2 2/5/2004	BPA-SB-32 0-2 2/4/2004	BPA-SB-33 0-2 2/2/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Metals/Inorganics (mg/kg)												
Antimony	ND	0.53 B	ND	ND	0.50 B	ND	ND	ND	ND	ND	**27**	**27**
Arsenic	4.2	4.8	8.5	5.8 B	5.7	5.5	4.5	4.5	5.4 B	4.9	**12/20**	**53**
Beryllium	0.62	0.49	0.65	0.58	0.55	0.56	0.47	0.51	0.49 B	0.45	**320**	**320**
Cadmium	0.30 B	0.78	0.36 B	0.29 B	0.50 B	0.77	1.0	1.6	0.35 B	3.1	**38**	**38**
Chromium, total	21.1	23.0	21.8	49.5	20.4	26.7	30.1	29.1	20.7	23.5	**190,000**	**190,000**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	**94**	**190**
Copper	20.0	30.0	421	92.4	20.3	65.5	62.8	33.2	38.6	20.7	**8,200**	**36,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	**200**
Lead	28.9	39.7	50.0	37.1	27.4	44.8	35.7	40.6	85.0	48.8	**450**	**450**
Mercury	ND	0.06	0.06	0.15	0.03 B	0.05	0.05	0.06	0.04 B	0.08	**10**	**10**
Nickel	9.4	9.2	23.8	55.7	10.5	17.0	15.6	9.0	12.4	6.1	**650**	**650**
Selenium	ND	ND	ND	1.2 B	ND	ND	ND	ND	ND	ND	**26**	**26**
Silver	ND	0.27 B	0.39 B	ND	ND	0.35 B	0.81 B	ND	ND	0.13 B	**84**	**84**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14**	**14**
Zinc	85.9	98.2	135	76.7	85.20	121	83.4	68.0	68.2	106	**12,000**	**12,000**
Detected Volatile Organics (mg/kg)												
Acetone	0.040	0.074	0.029	0.039	0.040	0.082	0.085	0.040	0.037	ND	**41**	**110**
Benzene	ND	0.0009 J	ND	ND	ND	ND	0.0017	0.0004 J	0.0008 J	ND	**0.13**	**0.13**
2-Butanone (MEK)	0.0049	ND	ND	ND	ND	ND	0.0056	ND	ND	ND	**54**	**110**
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**160**	**350**
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.5**	**2.5**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.1**	**6.1**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.65**	**2.7**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.1**	**0.1**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.19**	**0.19**
cis 1,2-Dichloroethene	ND	ND	ND	0.0019 J	ND	0.0004 J	0.0009 J	0.0007 J	0.0004 J	ND	**1.6**	**1.6**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.3**	**2.3**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.073**	**0.31**
Ethylbenzene	ND	0.0007 J	ND	ND	ND	ND	0.0003 J	ND	ND	ND	**46**	**46**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Methylene Chloride	ND	ND	0.0003 JB	0.0005 JB	ND	ND	0.0005 JB	ND	ND	ND	**0.076**	**0.076**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0093**	**0.0093**
Tetrachloroethene (PCE)	ND	ND	0.0004 J	0.0040	ND	0.0017	0.0014	0.0005 J	0.0012	ND	**0.43**	**0.43**
Toluene	0.0026 J	0.0006 J	ND	ND	ND	ND	0.0013 J	0.0020 J	0.0007 J	ND	**44**	**44**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	0.0004 J	ND	**7.2**	**7.2**
1,1,2-Trichloroethane	ND	ND	ND	0.0004 J	ND	ND	ND	ND	ND	ND	**0.15**	**0.15**
Trichloroethene (TCE)	0.0055	0.035	0.012	0.078	0.0012	0.0072	0.013	0.0072	0.014	ND	**0.17**	**0.17**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.03**	**0.027**
Xylenes (total)	ND	0.0024 J	ND	ND	ND	ND	0.0018 J	0.0008 J	ND	ND	**990**	**990**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 10.
Clean Fill Evaluation - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-34 0-2 2/2/2004	BPA-SB-35 0-2 2/5/2004	BPA-SB-36 0-2 2/5/2004	BPA-SB-37 0-2 2/9/2004	BPA-SB-38 0-2 2/9/2004	BPA-SB-39 0-2 2/9/2004	BPA-SB-40 0-2 2/2/2004	BPA-SB-41 0-2 2/2/2004	BPA-SB-42 0-2 2/2/2004	BPA-SB-43 0-2 2/2/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Metals/Inorganics (mg/kg)												
Antimony	ND	ND	1.9 B	ND	0.94 B	ND	ND	ND	ND	ND	**27**	**27**
Arsenic	4.9	4.4	9.2	5.0	5.0	4.5	4.6	5.2	5.2	5.1	**12/20**	**53**
Beryllium	0.58	0.54	0.82	0.48	0.55	0.31	0.54	0.6	0.61	0.47	**320**	**320**
Cadmium	1.6	0.15 B	8.0	ND	0.49 B	0.87	0.22 B	0.76	ND	0.05 B	**38**	**38**
Chromium, total	27.8	9.6	152	20.2	29.9	30.2	13.2	16.4	12.6	11.4	**190,000**	**190,000**
Chromium, hexavalent	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	**94**	**190**
Copper	82.8	11.9	655	16.2	31.5	29.4	37.5	30.9	13.9	10.2	**8,200**	**36,000**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200**	**200**
Lead	54.6	18.7	303	17.7	51.5	33.9	32.2	36.4	18.2	31.6	**450**	**450**
Mercury	0.08	0.06	0.02 B	0.05	0.07	0.06	0.05	0.05	0.05	0.05	**10**	**10**
Nickel	15.9	4.9	122	9.7	11.4	10.0	7.3	8.3	5.9	4.4 B	**650**	**650**
Selenium	ND	ND	ND	ND	0.87 B	ND	ND	ND	ND	ND	**26**	**26**
Silver	13.2	ND	ND	ND	ND	ND	1.1	0.20 B	ND	ND	**84**	**84**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**14**	**14**
Zinc	151	27.0	1110	50.0	107	67.8	75.6	72.9	35.4	29.9	**12,000**	**12,000**
Detected Volatile Organics (mg/kg)												
Acetone	ND	ND	ND	0.057	0.030	0.068	0.036	0.029	0.033	0.024	**41**	**110**
Benzene	ND	ND	ND	0.0008 J	ND	ND	ND	ND	ND	ND	**0.13**	**0.13**
2-Butanone (MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**54**	**110**
Carbon Disulfide	ND	ND	ND	0.0007 J	0.0003 J	ND	ND	ND	ND	ND	**160**	**350**
Chloroform	ND	ND	ND	ND	ND	ND	0.0009 J	ND	ND	ND	**2.5**	**2.5**
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**6.1**	**6.1**
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.65**	**2.7**
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.1**	**0.1**
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.19**	**0.19**
cis 1,2-Dichloroethene	ND	ND	ND	ND	0.0003 J	ND	ND	ND	ND	ND	**1.6**	**1.6**
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.3**	**2.3**
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.073**	**0.31**
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**46**	**46**
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.076**	**0.076**
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0093**	**0.0093**
Tetrachloroethene (PCE)	ND	0.0007 J	ND	ND	ND	ND	ND	ND	ND	ND	**0.43**	**0.43**
Toluene	ND	0.0009 J	ND	0.0014 J	ND	0.0013 J	ND	ND	ND	ND	**44**	**44**
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**7.2**	**7.2**
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.15**	**0.15**
Trichloroethene (TCE)	0.0058	0.016	0.016	0.0022	0.0023	0.0037	0.0079	ND	ND	ND	**0.17**	**0.17**
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.03**	**0.027**
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**990**	**990**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 10.
Clean Fill Evaluation - Inorganics and Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-44 0-2 2/2/2004	BPA-SB-45 0-2 2/3/2004	BPA-SB-46 0-2 2/3/2004	BPA-SB-47 0-2 2/11/2004	BPA-SB-49 0-2 2/17/2004	BPA-SB-52 0-2 2/17/2004	WPL-SB-49 0-2 2/4/2004	BPA TP-1a 1-1.5 12/7/1999	BPA TP-1a 1.5-2 12/7/1999	DEP Clean Fill Limits	DEP Regulated Fill Limits
Metals/Inorganics (mg/kg)											
Antimony	ND	ND	ND	ND	ND	0.99 B	ND	ND	ND	27	27
Arsenic	5.6	5.1	5.2	4.4	4.7	2.6 B	6	11.5	13.2	12/20	53
Beryllium	0.56	0.55	0.49	0.47	0.48	0.29	0.61	0.595	0.478	320	320
Cadmium	0.75	0.40 B	0.64	0.10 B	0.21 B	0.09 B	1.3	25.2	50	38	38
Chromium, total	25.0	24.5	26.5	21.4	10.7	9.4	15.2	205	235	190,000	190,000
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	ND	ND	ND	94	190
Copper	25.8	17.1	23.7	28.8	8.8	99.6	22.2	957	511	8,200	36,000
Cyanide, total	ND	ND	ND	ND	ND	ND	0.86	ND	0.727	NR	NR
Cyanide, free	NA	NA	NA	NA	NA	NA	NA	NA	NA	200	200
Lead	46.7	25.9	38.9	18.3	13.5	27.1	39	307	317	450	450
Mercury	0.07	0.05	ND	0.06	ND	NA	0.14	0.293	0.153	10	10
Nickel	11.3	8.9	8.8	17.9	4.5 B	6.5	8.5	49.2	57.9	650	650
Selenium	ND	ND	0.55 B	ND	ND	ND	ND	ND	ND	26	26
Silver	ND	ND	0.09 B	ND	ND	1.1 B	ND	ND	ND	84	84
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	14	14
Zinc	100	57.5	92.0	32.3	22.6	167	63.5	834	732	12,000	12,000
Detected Volatile Organics (mg/kg)											
Acetone	0.051	0.093	0.049	0.046	ND	0.031	0.047	0.0154	0.0169	41	110
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.13	0.13
2-Butanone (MEK)	ND	0.0091	ND	ND	ND	ND	ND	ND	ND	54	110
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	160	350
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5	2.5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.1	6.1
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.65	2.7
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	0.1
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.0009 J	ND	ND	ND	0.19	0.19
cis 1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	0.0045J	ND	ND	1.6	1.6
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	2.3
1,4 Dioxane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.073	0.31
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	46	46
2-Hexanone	ND	0.0039 J	ND	ND	ND	ND	ND	ND	ND	NR	NR
Methylene Chloride	ND	ND	ND	ND	ND	0.0017 JB	ND	ND	ND	0.076	0.076
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0093	0.0093
Tetrachloroethene (PCE)	ND	ND	ND	0.0006 J	ND	0.15	0.15	0.0248	0.0393	0.43	0.43
Toluene	ND	ND	ND	ND	0.0008 JB	ND	ND	ND	ND	44	44
1,1,1-Trichloroethane (TCA)	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.2	7.2
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.15	0.15
Trichloroethene (TCE)	0.0020	0.0059	ND	0.0015	0.0006 J	0.13	0.14	0.131	0.179	0.17	0.17
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	NR	NR
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.03	0.027
Xylenes (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	990	990

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit; B = The analyte was also found in the laboratory blank.

Table 11.
Clean Fill Evaluation - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-03 0-2 2/11/2004	BPA-SB-04 0-2 2/4/2004	BPA-SB-05 0-2 2/11/2004	BPA-SB-06 0-2 2/4/2004	BPA-SB-13 0-2 2/11/2004	BPA-SB-14 0-2 2/4/2004	BPA-SB-17 0-2 2/4/2004	BPA-SB-19 0-2 2/3/2004	BPA-SB-20 0-2 2/11/2004	BPA-SB-21 0-2 2/9/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Detected Semi-Volatile Organics (mg/kg)												
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**	**10**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**	**3**
2-Methylnaphthalene	ND	0.026 J	ND	1.4 J	ND	0.13 J	ND	0.023 J	0.022 J	0.058 J	**2,900**	**8,000**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4.1**	**4.1**
Acenaphthene	0.11 J	0.0095 J	0.012 J	2.8 J	ND	0.0079 J	ND	ND	0.022 J	0.013 J	**2,700**	**4,700**
Acenaphthylene	ND	0.019 J	0.077 J	7.8	ND	0.022 J	ND	0.017 J	ND	ND	**2,500**	**6,900**
Anthracene	0.21 J	0.038 J	0.083 J	11	ND	0.042 J	ND	0.026 J	0.066 J	0.068 J	**350**	**350**
Benzo (a) anthracene	0.60	0.18	0.3	22	ND	0.12	0.64	0.070	0.21	0.20	**25**	**110**
Benzo (a) pyrene	0.68	0.20	0.31	18	ND	0.10	0.60	0.069	0.24	0.22	**2.5**	**11**
Benzo (b) fluoranthene	0.62	0.16	0.3	13	ND	0.10	0.46	0.060	0.25	0.21	**25**	**110**
Benzo (g,h,i) perylene	0.4	0.16 J	0.18 J	9.9	ND	0.10 J	0.27 J	0.028 J	0.18 J	0.16 J	**180**	**180**
Benzo (k) fluoranthene	0.69	0.19	0.38	18	ND	0.11	0.80	0.079	0.22	0.28	**250**	**610**
Bis (2-ethyl hexyl) phthalate	ND	0.097 J	0.15 J	ND	0.23 J	ND	ND	ND	ND	0.085 J	**130**	**130**
Carbazole	0.088 J	0.025 J	0.024 J	3.0 J	ND	0.026 J	0.012 J	0.013 J	0.022 J	0.022 J	**21**	**83**
Chrysene	0.74	0.22 J	0.37 J	22	0.012 J	0.16 J	0.71	0.091 J	0.26 J	0.27 J	**230**	**230**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Dibenzo (a,h) anthracene	0.2	ND	0.063	2.3	ND	ND	0.12	ND	ND	ND	**2.5**	**11**
Dibenzofuran	0.036 J	ND	0.045 J	2.8 J	ND	0.040 J	ND	ND	ND	0.022 J	**NR**	**NR**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Fluoranthene	1.4	0.33 J	0.44	49	0.012 J	0.22 J	0.73	0.14 J	0.40	0.34 J	**3,200**	**3,200**
Fluorene	0.083 J	ND	ND	ND	ND	ND	ND	ND	ND	0.011 J	**3,000**	**3,800**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.96**	**0.96**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.56**	**0.56**
Indeno (1,2,3-cd) pyrene	0.39	0.12	0.16	10	ND	0.090	0.25	0.030 J	0.17	0.15	**25**	**110**
Naphthalene	ND	0.019 J	ND	1.4 J	ND	0.094 J	0.023 J	0.041 J	ND	0.046 J	**25**	**25**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**	**5**
Phenanthrene	0.88	0.17 J	0.28 J	38	0.0099 J	0.20 J	0.12 J	0.11 J	0.27 J	0.17 J	**10,000**	**10,000**
Pyrene	1.1	0.28 J	0.39	45	0.014 J	0.18 J	0.74	0.13 J	0.43	0.36 J	**2,200**	**2,200**
PCBs (mg/kg)												
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**15**	**200**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.63**	**2.5**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.5**	**2**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16**	**62**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.9**	**44**
Arochlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	**4.4**	**44**
Arochlor-1260	ND	ND	0.040 J	ND	0.030 J	ND	ND	ND	0.070 J	ND	**30**	**130**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit

Table 11.
Clean Fill Evaluation - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-23 0-2 2/9/2004	BPA-SB-25 0-2 2/5/2004	BPA-SB-26 0-2 2/4/2004	BPA-SB-27 0-2 2/4/2004	BPA-SB-28 0-2 2/5/2004	BPA-SB-29 0-2 2/5/2004	BPA-SB-30 0-2 2/5/2004	BPA-SB-31 0-2 2/5/2004	BPA-SB-32 0-2 2/4/2004	BPA-SB-33 0-2 2/2/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Detected Semi-Volatile Organics (mg/kg)												
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	0.12 J	ND	0.31 J	ND	**10**	**10**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**	**3**
2-Methylnaphthalene	0.059 J	0.021 J	0.032 J	ND	0.051 J	1.7 J	0.063 J	ND	0.040 J	ND	**2,900**	**8,000**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4.1**	**4.1**
Acenaphthene	0.060 J	0.021 J	0.013 J	0.028 J	0.017 J	10	0.20 J	0.011 J	0.12 J	ND	**2,700**	**4,700**
Acenaphthylene	0.046 J	0.045 J	0.13 J	0.058 J	0.036 J	ND	0.12 J	ND	0.049 J	ND	**2,500**	**6,900**
Anthracene	0.13 J	0.095 J	0.17 J	0.094 J	0.046 J	14	0.56	0.038 J	0.25 J	ND	**350**	**350**
Benzo (a) anthracene	0.30	0.29	1.2	0.34	0.12	28	2.0	0.17	0.74	ND	**25**	**110**
Benzo (a) pyrene	0.29	0.27	1.2	0.37	0.12	23	2.2	0.20	0.80	0.0098 J	**2.5**	**11**
Benzo (b) fluoranthene	0.27	0.27	0.86	0.26	0.13	21	2.2	0.18	0.67	0.019 J	**25**	**110**
Benzo (g,h,i) perylene	0.17 J	0.17 J	0.72	0.27 J	0.061 J	13	3.2	0.26 J	0.52	ND	**180**	**180**
Benzo (k) fluoranthene	0.35	0.34	1.6	0.47	0.16	26	2.2	0.20	0.94	0.012 J	**250**	**610**
Bis (2-ethyl hexyl) phthalate	0.061 J	0.084 J	ND	ND	0.082 J	ND	0.15 J	ND	ND	ND	**130**	**130**
Carbazole	0.052 J	0.038 J	0.018 J	0.038 J	0.020 J	8.1	0.34 J	0.023 J	0.16 J	ND	**21**	**83**
Chrysene	0.36 J	0.39	1.3	0.42	0.16 J	31	2.4	0.22 J	0.86	ND	**230**	**230**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Dibenzo (a,h) anthracene	ND	0.044	0.29	0.087	ND	3.1	0.93	0.079	0.20	ND	**2.5**	**11**
Dibenzofuran	0.041 J	ND	ND	ND	ND	4.7 J	0.19 J	ND	0.076 J	ND	**NR**	**NR**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Fluoranthene	0.58	0.75	1.9	0.70	0.23 J	63	3.6	0.26 J	1.8	ND	**3,200**	**3,200**
Fluorene	0.048 J	0.017 J	0.011 J	0.032 J	ND	8.6	0.22 J	ND	0.14 J	ND	**3,000**	**3,800**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.96**	**0.96**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.56**	**0.56**
Indeno (1,2,3-cd) pyrene	0.17	0.18	0.71	0.22	0.065	12	2.7	0.22	0.48	ND	**25**	**110**
Naphthalene	0.059 J	0.017 J	0.028 J	0.017 J	0.036 J	6.4 J	0.10 J	ND	0.045 J	ND	**25**	**25**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**	**5**
Phenanthrene	0.46	0.25 J	0.28 J	0.43	0.12 J	55	3.0	0.20 J	1.4	ND	**10,000**	**10,000**
Pyrene	0.57	0.74	1.7	0.66	0.23 J	52	4.8	0.36 J	1.6	ND	**2,200**	**2,200**
PCBs (mg/kg)												
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**15**	**200**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.63**	**2.5**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.5**	**2**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16**	**62**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.9**	**44**
Arochlor-1254	0.53	1.1	ND	ND	0.36	0.56	ND	ND	ND	ND	**4.4**	**44**
Arochlor-1260	ND	ND	0.039 J	ND	ND	0.17	ND	0.032 J	0.028 J	0.073 J	**30**	**130**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit

Table 11.
Clean Fill Evaluation - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-34 0-2 2/2/2004	BPA-SB-35 0-2 2/5/2004	BPA-SB-36 0-2 2/5/2004	BPA-SB-37 0-2 2/9/2004	BPA-SB-38 0-2 2/9/2004	BPA-SB-39 0-2 2/9/2004	BPA-SB-40 0-2 2/2/2004	BPA-SB-41 0-2 2/2/2004	BPA-SB-42 0-2 2/2/2004	BPA-SB-43 0-2 2/2/2004	DEP Clean Fill Limits	DEP Regulated Fill Limits
Detected Semi-Volatile Organics (mg/kg)												
1,4-Dichlorobenzene	ND	0.34 J	ND	ND	ND	ND	ND	ND	ND	ND	**10**	**10**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.1**	**3**
2-Methylnaphthalene	ND	0.032 J	ND	0.029 J	0.071 J	ND	0.019 J	0.026 J	ND	ND	**2,900**	**8,000**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4.1**	**4.1**
Acenaphthene	ND	0.080 J	ND	0.024 J	0.024 J	ND	0.19 J	0.028 J	ND	ND	**2,700**	**4,700**
Acenaphthylene	ND	0.10 J	ND	0.10 J	0.063 J	ND	ND	0.38 J	ND	ND	**2,500**	**6,900**
Anthracene	ND	0.8	ND	0.28 J	0.10 J	0.023 J	0.38 J	0.33 J	ND	0.039 J	**350**	**350**
Benzo (a) anthracene	0.056	2.2	0.1	1.3	0.30	0.21	0.70	1.3	0.046	0.17	**25**	**110**
Benzo (a) pyrene	0.060	1.8	0.18	1.1	0.31	0.29	0.68	1.5	ND	0.24	**2.5**	**11**
Benzo (b) fluoranthene	0.055	1.4	ND	0.99	0.36	0.27	0.62	1.7	0.038 J	0.21	**25**	**110**
Benzo (g,h,i) perylene	ND	1.6	0.5	0.49	0.16 J	0.26 J	0.51	1.1	ND	0.27 J	**180**	**180**
Benzo (k) fluoranthene	0.060	1.9	ND	1.2	0.38	0.30	0.64	1.5	0.040	0.22	**250**	**610**
Bis (2-ethyl hexyl) phthalate	0.14 J	ND	ND	0.092 J	0.24 J	0.12 J	0.086 J	ND	ND	0.20 J	**130**	**130**
Carbazole	ND	0.10 J	ND	0.022 J	0.038 J	ND	0.17 J	0.049 J	ND	0.023 J	**21**	**83**
Chrysene	0.069 J	2.1	0.11 J	1.3	0.38 J	0.25 J	0.82	1.6	0.048 J	0.23 J	**230**	**230**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Dibenzo (a,h) anthracene	ND	0.51	0.12	0.23	ND	ND	0.18	0.42	ND	ND	**2.5**	**11**
Dibenzofuran	ND	0.068 J	ND	ND	0.027 J	ND	0.064 J	ND	ND	ND	**NR**	**NR**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Fluoranthene	0.088 J	4.3	0.052 J	2.2	0.46	0.24 J	1.6	1.7	0.063 J	0.32 J	**3,200**	**3,200**
Fluorene	ND	0.19 J	ND	0.032 J	0.022 J	ND	0.14 J	ND	ND	ND	**3,000**	**3,800**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.96**	**0.96**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.56**	**0.56**
Indeno (1,2,3-cd) pyrene	ND	1.5	0.32	0.55	0.16	0.22	0.47	1.1	ND	0.22	**25**	**110**
Naphthalene	ND	ND	ND	0.030 J	0.057 J	ND	ND	ND	ND	ND	**25**	**25**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**	**5**
Phenanthrene	0.045 J	2.0	0.053 J	0.55	0.24 J	0.097 J	1.4	0.24 J	0.025 J	0.20 J	**10,000**	**10,000**
Pyrene	0.11 J	4.9	0.070 J	2.0	0.50	0.25 J	1.6	2.7	0.072 J	0.37 J	**2,200**	**2,200**
PCBs (mg/kg)												
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**15**	**200**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.63**	**2.5**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.5**	**2**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**16**	**62**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.9**	**44**
Arochlor-1254	0.49	ND	ND	0.36	1.1	0.068 J	ND	ND	ND	ND	**4.4**	**44**
Arochlor-1260	ND	0.023 J	0.040 J	ND	2.5	ND	0.068 J	0.094	0.04 J	0.054 J	**30**	**130**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit

Table 11.
Clean Fill Evaluation - Semi-Volatile Organic Compounds
Expedited Soil Investigation - Eden Road Relocation (Burn Pile Area, Sub Area A Shallow Soil)
Harley-Davidson Motor Company Operations, Inc. - York, PA

Location/ID Depth (ft.) Sample Date Parameter/Units	BPA-SB-44 0-2 2/2/2004	BPA-SB-45 0-2 2/3/2004	BPA-SB-46 0-2 2/3/2004	BPA-SB-47 0-2 2/11/2004	BPA-SB-49 0-2 2/17/2004	BPA-SB-52 0-2 2/17/2004	WPL-SB-49 0-2 2/4/2004	BPA TP-1a 1-1.5 12/7/1999	BPA TP-1a 1.5-2 12/7/1999	DEP Clean Fill Limits	DEP Regulated Fill Limits
Detected Semi-Volatile Organics (mg/kg)											
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10**	**10**
2,6-Dinitrotoluene	ND	ND	ND	ND	ND	ND	ND	1.53	ND	**1.1**	**3**
2-Methylnaphthalene	0.035 J	0.030 J	0.036 J	ND	ND	0.25 J	0.04J	0.97	ND	**2,900**	**8,000**
4-Nitrophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**4.1**	**4.1**
Acenaphthene	0.015 J	0.055 J	0.18 J	ND	ND	1.1	0.13J	3.74	ND	**2,700**	**4,700**
Acenaphthylene	ND	0.21 J	0.059 J	ND	ND	0.14 J	0.03J	ND	ND	**2,500**	**6,900**
Anthracene	0.044 J	0.21 J	0.26 J	0.023 J	ND	1.8	0.22J	7.66	ND	**350**	**350**
Benzo (a) anthracene	0.21	0.52	0.58	0.13	0.042	3.1	0.61	20.7	17.2	**25**	**110**
Benzo (a) pyrene	0.25	0.56	0.57	0.16	0.043	2.2	0.57	17.5	21.3	**2.5**	**11**
Benzo (b) fluoranthene	0.26	0.46	0.43	0.15	0.038 J	1.9	0.52	24.6	31	**25**	**110**
Benzo (g,h,i) perylene	0.25 J	0.21 J	0.23 J	0.11 J	ND	0.92	0.34J	7.09	12.5	**180**	**180**
Benzo (k) fluoranthene	0.23	0.63	0.55	0.15	0.042	2.4	0.59	8.58	27.2	**250**	**610**
Bis (2-ethyl hexyl) phthalate	0.14 J	0.090 J	ND	ND	0.12 J	ND	ND	ND	ND	**130**	**130**
Carbazole	ND	0.11 J	0.047 J	ND	ND	1	0.1J	7.78	ND	**21**	**83**
Chrysene	0.29 J	0.56	0.67	0.17 J	0.055 J	2.9	0.73	19.1	18.2	**230**	**230**
Di-n-octylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Dibenzo (a,h) anthracene	ND	ND	0.095	ND	ND	0.40	0.073	1.62	ND	**2.5**	**11**
Dibenzofuran	ND	0.037 J	0.043 J	ND	ND	0.6	0.033J	1.61	ND	**NR**	**NR**
Dimethylphthalate	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**
Fluoranthene	0.38 J	1.0	1.2	0.23 J	0.090 J	5	1.3	46.5	42.9	**3,200**	**3,200**
Fluorene	ND	0.079 J	0.15 J	ND	ND	0.95	0.11J	ND	ND	**3,000**	**3,800**
Hexachlorobenzene	ND	ND	ND	ND	ND	ND	ND	4.36	ND	**0.96**	**0.96**
Hexachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.56**	**0.56**
Indeno (1,2,3-cd) pyrene	0.2	0.22	0.22	0.1	ND	0.96	0.33	ND	13.7	**25**	**110**
Naphthalene	ND	0.029 J	0.029 J	ND	ND	0.74	0.029J	0.81	ND	**25**	**25**
Pentachlorophenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	**5**	**5**
Phenanthrene	0.19 J	0.79	1.1	0.11 J	0.029 J	5.80	0.95	43.9	27.2	**10,000**	**10,000**
Pyrene	0.5	1.1	1.3	0.22 J	0.084 J	4.4	1.2	44.6	41.6	**2,200**	**2,200**
PCBs (mg/kg)											
Arochlor-1016	ND	ND	ND	ND	ND	ND	ND	NA	NA	**15**	**200**
Arochlor-1221	ND	ND	ND	ND	ND	ND	ND	NA	NA	**0.63**	**2.5**
Arochlor-1232	ND	ND	ND	ND	ND	ND	ND	NA	NA	**0.5**	**2**
Arochlor-1242	ND	ND	ND	ND	ND	ND	ND	NA	NA	**16**	**62**
Arochlor-1248	ND	ND	ND	ND	ND	ND	ND	NA	NA	**9.9**	**44**
Arochlor-1254	0.34	0.22	0.38	0.022 J	ND	ND	ND	NA	NA	**4.4**	**44**
Arochlor-1260	ND	ND	ND	0.046 J	ND	ND	0.059J	NA	NA	**30**	**130**

* Unvalidated results
ND = Not detected
NA = Not Analyzed
J = Estimated value, below reporting limit

Table 12
Groundwater Sampling Data Summary - West Parking Lot Expedited Investigation
Inorganics and Volatile Organic Compounds
Harley-Davidson Motor Company Operations, Inc. - York, PA

Well I.D. Sample Date Laboratory ID Parameter/Units	MW-37S 4/14/2004 520068	MW-37D 4/14/2004 520067	MW-38D 4/14/2004 520066	MW-75S 4/14/2004 520069	MW-75D 4/15/2004 520390	CW-9 4/15/2004 520515	MW-93S 4/15/2004 520391	MW-93D 4/15/2004 520516	MW-93S 4/26/2004 522919	MW-93D 4/26/2004 522921	ACT 2 MSC Used Aquifer TDS = 2,500 Residential	 Non-Residential	EPA MCL
Total Metals/Inorganics (mg/L)													
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.006**	**0.006**	**0.006**
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0041B	**0.050**	**0.050**	**0.005**
Beryllium	0.00024B	ND	ND	0.00011B	ND	ND	0.00011B	ND	ND	0.00016B	**0.004**	**0.004**	**0.004**
Cadmium	ND	0.00065B	ND	0.00057B	0.0071B	ND	ND	0.0005B	ND	0.0024B	**0.005**	**0.005**	**0.005**
Chromium, total	0.0061B	ND	0.0074B	0.0073B	ND	0.0087B	0.0422	0.0034B	0.0346	0.0165	**0.100**	**0.100**	**0.1**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	0.0383	ND	0.0305	ND	**0.100**	**0.100**	**NR**
Copper	0.0126B	0.00051B	0.0056B	0.0075B	ND	ND	0.0065B	0.0102B	0.0072B	0.0149B	**1**	**1**	**1.3**
Cyanide, total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**NR**	**NR**	**0.2**
Lead	0.0134	0.0067	0.0049	0.0071	ND	ND	ND	ND	ND	0.0059	**0.005**	**0.005**	**0.0015**
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**	**0.002**	**0.002**
Nickel	0.0063B	ND	0.0068B	0.0046B	0.0041B	0.0061B	ND	0.0024B	ND	0.0161B	**0.100**	**0.100**	**NR**
Selenium	ND	ND	ND	ND	ND	0.0048B	ND	ND	ND	ND	**0.050**	**0.050**	**0.05**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.100**	**0.100**	**NR**
Thallium	ND	ND	0.0024B	ND	ND	ND	ND	ND	ND	ND	**0.002**	**0.002**	**0.002**
Zinc	0.0348	0.0213B	0.0275B	0.0292B	0.0106B	0.020B	0.0309	0.0218B	0.026	0.065	**2**	**2**	**NR**
Dissolved Metals/Inorganics (mg/L)													
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.006**	**0.006**	**0.006**
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.050**	**0.050**	**0.005**
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.004**	**0.004**	**0.004**
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.005**	**0.005**	**0.005**
Chromium, total	ND	ND	ND	ND	ND	0.0078B	0.0397	0.0025B	0.0343	ND	**0.100**	**0.100**	**0.1**
Chromium, hexavalent	ND	ND	ND	ND	ND	ND	0.0373	ND	0.0295	ND	**0.100**	**0.100**	**NR**
Copper	ND	ND	ND	ND	ND	ND	0.0055B	ND	0.0028B	ND	**1**	**1**	**1.3**
Cyanide, total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NR**	**NR**	**0.2**
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.005**	**0.005**	**0.0015**
Mercury	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**	**0.002**	**0.002**
Nickel	ND	ND	ND	ND	ND	0.0053B	ND	ND	ND	ND	**0.100**	**0.100**	**NR**
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.050**	**0.050**	**0.05**
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.100**	**0.100**	**NR**
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.002**	**0.002**	**0.002**
Zinc	0.0069B	0.0094B	0.0275B	0.0072B	0.0063B	0.0108B	ND	0.013B	0.008B	0.0117B	**2**	**2**	**NR**
Detected Volatile Organics (mg/L)													
1,1-Dichloroethane	ND	0.0078J	0.0009J	ND	ND	0.0071J	ND	ND	0.0009J	ND	**0.027**	**0.11**	**NR**
1,1-Dichloroethene	ND	0.027	ND	0.045J	0.120	0.020	ND	0.0073J	0.0004J	0.028J	**0.007**	**0.007**	**0.007**
cis-1,2-Dichloroethene	0.0022J	0.160	0.015	0.190J	1.300	0.120	0.0085	0.051	0.0160	0.170	**0.07**	**0.07**	**0.07**
Chlorobenzene	ND	ND	ND	ND	ND	0.0046J	0.0089	ND	0.0024J	ND	**0.100**	**0.100**	**NR**
Chloroform	0.0013J	ND	ND	ND	ND	ND	0.0011J	ND	0.0011J	ND	**0.1**	**0.1**	**0.08**
1,1,1-Trichloroethane	0.0019J	0.160	0.0008J	0.300J	0.680J	0.070	0.0019J	0.040	0.0055	0.180	**0.2**	**0.2**	**0.2**
Tetrachloroethene (PCE)	0.015	1.000	0.0036	9.400	20.000	1.300	0.016	0.340	0.069	2.000	**0.005**	**0.005**	**0.005**
Toluene	ND	ND	ND	ND	ND	ND	0.0005J	ND	0.0007J	ND	**1**	**1**	**1**
Trichloroethene (TCE)	0.0037	0.580	0.029	3.400	18.000	0.800	0.0088	0.430	0.017	1.700	**0.005**	**0.005**	**0.005**
Detected Semi-Volatile Organics (mg/L)													
bis(2-Ethylhexyl)phthalate	ND	0.0047J	0.0032J	0.0068J	0.0025J	ND	ND	0.0063J	0.0024J	0.0061J	**0.006**	**0.006**	**NR**
Isophorone	ND	ND	ND	ND	ND	ND	ND	0.0048J	ND	ND	**0.100**	**0.100**	**NR**
PCBs (mg/L)													
Arachlor-1016	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0026**	**0.0072**	**0.0005**
Arachlor-1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0013**	**0.0052**	**0.0005**
Arachlor-1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0013**	**0.0052**	**0.0005**
Arachlor-1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0013**	**0.0052**	**0.0005**
Arachlor-1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00037**	**0.0014**	**0.0005**
Arachlor-1254	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.00037**	**0.0014**	**0.0005**
Arachlor-1260	0.0003J	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.0011**	**0.0043**	**0.0005**

ND = Not Detected
NA = Not Applicable
NR = Not Reported
J = Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration is approximate.
B = Reported value is less than the reporting limit but greater than the instrument detection limit.

Table 13. Interim Remedy Evaluation Summary
Harley-Davidson/Eden Road Relocation (West Parking Lot and Burn Pile Areas)
York, PA
SAIC Project 01-1633-00-5524-307

Area ID	AOC ID	Depth Range (feet)	Est. Area impacted (SF)	Est. Depth impacted (feet)	Est. Volume impacted (CY)	Constituent(s) > PRG	Meets DEP Clean Fill Limits?	Meets DEP Regulated Fill Limits?	Debris Found Type & depth	Future land use	Potential receptors	Planned New Roadway Construction Management Action(s)
Burn Pile Area	A	0-2	45,050	1	1,669	PCBs, PAHs, Cd	?	Yes	Ash, cinders, slag, brick, concrete, wood	Road/det. Basin	Groundskeepers, Trespassers, Construction workers	**Loading/removal of surface soil as necessary for grubbing/roadbase preparation; and for construction of basin. Reuse of soil beneath roadway or elsewhere on-site OR off-site (non-hazardous) disposal of soil.**
	B	0-2	9,070	2	672	VOCs (PCE, TCE); Metals (Sb, Ni, Cd, Pb); PCP	No	No	Cinder blocks, asphalt, wood blocks, planks, cinders, metal, ballast, RR ties	?	Groundskeepers, Trespassers, Construction workers, GW	**Loading/removal of surface soil in portions OR all as necessary for grubbing/roadbase preparation. Off-site (hazardous) disposal of soil/debris. No activity (area excluded via temporary fencing) in non-roadway area OR off-site disposal of surface soil and cap remainder of area.**
	B	2-12		10	3,359	VOCs (PCE, TCE)	No	No	NA	?	GW	
	B (subtotal)		9,070	12	4,031							
West Parking Lot	C	0-2	6,985	2	517	TCE, Pb, Cr6+, PCBs	No	No	Ash, coal, cinders, concrete, slag, wood, metal, brick, battery	Roadway	Groundskeepers, Trespassers, Construction workers, GW?	**Loading/removal of surface soil as necessary for grubbing/roadbase preparation. Off-site disposal (non-hazardous OR hazardous) of soil/debris.**
	D	0-2	925	2	69	TCE, Pb, PCBs	No	No	NA	Roadway	Groundskeepers, Trespassers, Construction workers, GW?	**Loading/removal of surface soil as necessary for grubbing/roadbase preparation. Off-site (non-hazardous OR hazardous) disposal of soil/debris.**
	D	2-11		9	308	TCE, PCE, DCE, PCBs	No	No	NA	Roadway	Groundskeepers, Trespassers, Construction workers, GW	
	D (subtotal)		925	11	377							
	E	0-2	2,310	2	171	VOCs, Pb, PCBs, PAHs	No	No	Bricks, wood, metal, wire, crushed drums	Roadway	Groundskeepers, Trespassers, Construction workers, GW?	**Loading/removal of surface soil as necessary for grubbing/roadbase preparation. Off-site treatment (stabilization) AND/OR hazardous lanfill disposal of soil/debris.**
	E	2-4		2	171	Benzene, Pb, Zn	No	No	Bricks, wood, metal, wire, crushed drums	Roadway	GW	
	E (subtotal)		2,310	4	342							
	F	0-2	1,565	2	116	PCBs (Arochlor 1254)	No	No	0-1': Asphalt/subbase; 1-7.5' ash, bottles, cans, bucket, RR Ties, metal, wire	Roadway/parking	None - beneath asphalt (parking lot), Construction workers?	**Breakup asphalt; elevated roadway construction (no removal).**
	F	2-7		5.5	319	PCBs, Metals (Sb, Pb, Ni)	No	No	1-7.5' ash, bottles, cans, bucket, RR Ties, metal, wire	Roadway/parking	GW	
	F (subtotal)		1,565	7.5	435							
	G	0-2	1,200	1	44	PCBs (Arochlor 1254), PAHs	Yes	Yes	Coal, slag, glass	Roadway	Groundskeepers, Trespassers, Construction workers	**Excavation and removal of soil as necessary for roadbase preparation and retaining wall/utility construction. Reuse of soil beneath roadway or elsewhere on-site.**

Table 13. Interim Remedy Evaluation Summary
Harley-Davidson/Eden Road Relocation (West Parking Lot and Burn Pile Areas)
York, PA
SAIC Project 01-1633-00-5524-307

Area ID	AOC ID	Depth Range (feet)	Est. Area impacted (SF)	Est. Depth impacted (feet)	Est. Volume impacted (CY)	Constituent(s) > PRG	Meets DEP Clean Fill Limits?	Meets DEP Regulated Fill Limits?	Debris Found Type & depth	Future land use	Potential receptors	Planned New Roadway Construction Management Action(s)
West Parking Lot	H	0-2	1,620	2	120	PAHs, metals (Cd, Pb)	No	No	0-1: Asphalt/subbase; 1-7': wood, tar paper,	Roadway	None - beneath asphalt (parking lot), Construction workers?, GW?	**Breakup asphalt; elevated roadway construction (no removal).**
	I	0-2	1,975	2	146	PAHs, metals, VOCs	No	No	0-1: Asphalt/subbase; 1-5': Ash, wood, metal, cloth, cardboard, metal buckets, concrete, tar paper	Roadway	None - beneath asphalt (parking lot), Construction workers?, GW?	**Breakup asphalt; elevated roadway construction (no removal).**
	I	2-12		10	731	PCBs, PAHs, metals, VOCs	No	No	2-5': Ash, wood, metal, cloth, cardboard, metal buckets, concrete, tar paper	Roadway	None - beneath asphalt (parking lot), GW?	
	I (subtotal)		1,975	12	878							
	J	0-2	745	2	55	PCBs (Arochlor 1254)	No	No	Ash, coal, glass	Roadway	Groundskeepers, Trespassers, Construction workers	**Loading/removal of soil and temporary fencing as necessary for roadbase preparation and utility construction. Off-site non-hazardous OR hazardous (incineration) disposal of soil.**
	K	0-2	3,455	2	256	PCBs (Arochlors 1260), Lead & PAHs (Dibenzo [a,h] anthracene, Indeno pyrene)	No	No	0-1: Asphalt/subbase; 1-9': Ash, wood, metal/shavings, metal buckets, drum, bottles, cans, pigment	Roadway	None - beneath asphalt (parking lot), Construction workers?	**Breakup asphalt; elevated roadway construction (no removal).**
	K	2-7		5	640	PCBs, PAHs, metals, VOCs	No	No	2-9'?: Ash, wood, metal/shavings, metal buckets, drum, bottles, cans, pigment	Roadway	None - beneath asphalt (parking lot), GW?	
	K	7-13		6	768	PCBs, PAHs, metals, VOCs	No	No	NA	Roadway	None - beneath asphalt (parking lot), GW?	
	K (subtotal)		3,455	13	1,664							
	L	0-2	2,845	2	211	PAHs & PCBs (Arochlor 1260)	Yes	Yes	0-1: Asphalt/subbase; 1-6': Ash, cinders, wood, metal, metal buckets	Roadway	Construction workers?	**Breakup asphalt; elevated roadway construction (no removal).**
	L	2-6		4	421	Metals, VOCs, PAHs	No	No	2-6': Ash, cinders, wood, metal, metal buckets	Roadway	None - beneath asphalt (parking lot), GW?	
	L (subtotal)		2,845	6	632							
	M	0-2	1,660	2	123	PAHs (Dibenzo [a,h] anthracene)	No	Yes	NA	Roadway	None - beneath asphalt (parking lot), Construction workers?	**Breakup asphalt; elevated roadway construction (no removal).**
	M	2-5		3	184	PCE	No	No	NA	Roadway	None - beneath asphalt (parking lot), GW?	
	M (subtotal)		1,660	5	307							
	N	2-8	285	8	84	PCE, TCE	No	No	NA	Stormsewer/parking lot?	Construction workers, GW?	**Loading/removal of soil as necessary for utility installation. Off-site (hazardous) disposal of soil/debris.**

APPENDIX A

Soil Boring Logs

APPENDIX B

Test Pit Logs

APPENDIX C

Well Construction Logs

LOG OF MONITORING WELL MW-93S

An Employee-Owned Company

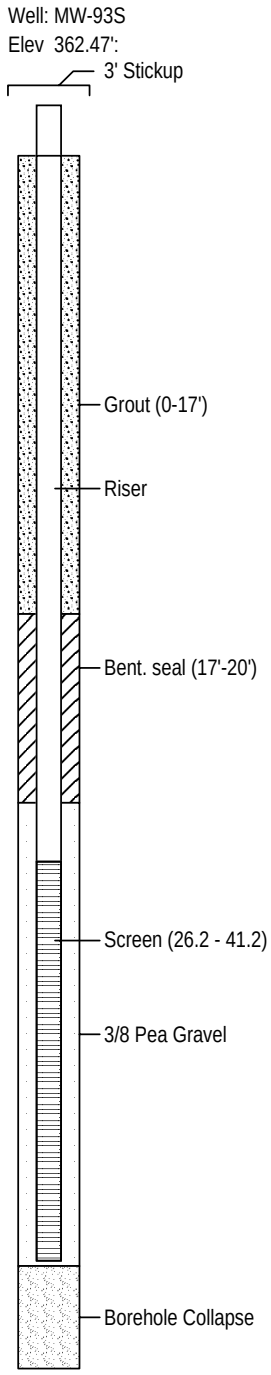
Harley-Davidson Motor Company Operations, Inc.

York, Pa.

Project #01-1633-00-5524-707

Driller	: Carey Knaub	Boring Location	: West Parking Lot
Logged By	: Todd Eaby	Well Construction	: 4/8/04
Drilling Started	: 4/8/04	Well Developed	: 4/12/04
Drilling Completed	: 4/8/04		
Drilling Method	: Air Rotary		

Depth in Feet	DESCRIPTION	GRAPHIC	PID (ppm)
0	GRAVEL at surface - railroad ballast black fines - very little returns		
5	SILT - brownish yellow (10YR 16/8)		0
10			
15	color change to olive brown (2.5Y 4/4)		0
20	LIMESTONE, gray (5N), micro xtl, weathered chip faces steady, smooth drilling, possibly rock based on drill penetration rate and pull down pressure, very little drill cuttings to surface.		0
25	faster drill penetration - no circulation to surface at 28' - circulation back at 29' lost circulation, rougher drilling possible void, broken rock 30-30.5' 34.5' broken up		
30			
35	38' rougher drilling, faster penetration 39' steady drilling 39.5' broken up, rough drilling, fast advance, possible void 39.5-40' 41' steady drilling and borehole advance		0
40			
45	TD - 45 FEET		
50			



Depth in Feet	Well Construction Information	
0	SURFACE COMPLETION	: 3' stick up, 6" steel : protection pipe
5	WELL RISER Diameter	: Schedule 40 PVC : 4"
10	WELL SCREEN Type Material Diameter Slot Size	: U - Pack : Schedule 40 PVC : 4" : .010"
15	GROUT Quantity BENTONITE SEAL Size Quantity FILTER PACK Size U - Pack Borehole	: Portland 5-8% Bentonite : 32 - 94 lb. bags : 3/8" Holeplug Bentonite : 200 lbs - 4-50 lbs. bags : 1.5 50 lb. bag #1 Morie : 36 50 lbs. bags 3/8 : gravel
20	Roller Bit and 20' long stabilizer w/low to no air and ~25 gpm water 12" diameter borehole (0-45') bgl 4" U-pack screen (26.2-41.2) 1.5 - 50 lb. bags #1 Morie in U-pack 4" PVC Riser (0-26.2') 3/8 Pea gravel (24-41.2') 36 - 50 lb. bags Hole plug Bentonite (21-24') 4 - 50 lb. bags Grout (0-17') (20-21') Hole Plug (17-20') 7 - 50 lb. bags Borehole Collapse (41.5-45') 6" diameter steel protector pipe (0-5') 3' stickup	
25		
30		
35		
40		
45		
50		

LOG OF MONITORING WELL MW-93D

An Employee-Owned Company

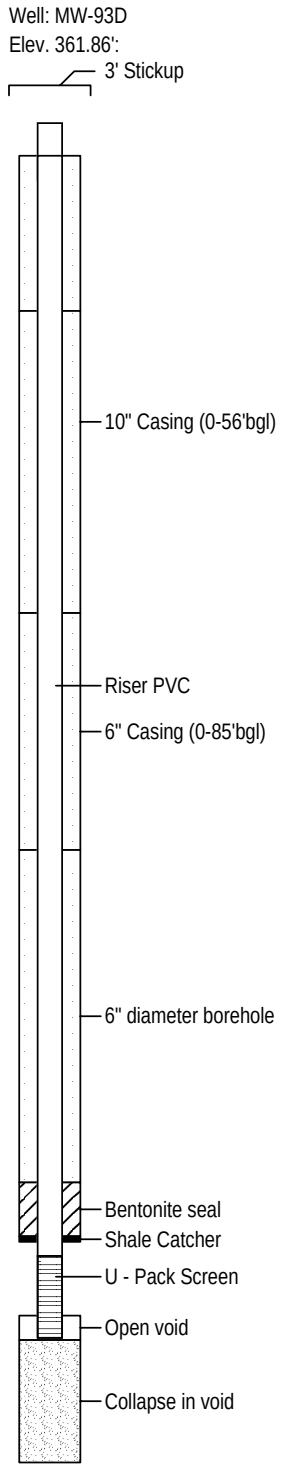
Harley-Davidson Motor Company Operations, Inc.

York, Pa.

Project #01-1633-00-5524-707

Driller	: Carey Knaub	Boring Location	: West of South WPL
Logged By	: Todd Eaby	Well Construction	: 4/6/04
Drilling Started	: 3/31/04	Well Developed	: 4/12/04
Drilling Completed	: 4/5/04		
Drilling Method	: Air Rotary		

Depth in Feet	DESCRIPTION	GRAPHIC	PID (ppm)
0	GRAVEL (aggregate) railroad ballast		
5	black fines - very little returns		
10	CLAYEY SILT (ML) -yellowish brown (10YR5/6), trace fine to coarse sand <5% angular to sub-rounded gravel		0
15	SILTY SANDY GRAVEL (GM)~70% gravel sub-angular		0
20	to sub- rounded, quartz, l.s, and quartzite, not consistent returns.		
25	LIMESTONE (broken) and SILTY GRAVEL, gray (5/N)		0
30	& black (2.5N) microcrystalline, weathered stained chip faces, gravel as above.		
35	DOLOMITIC LIMESTONE, black (2.5/N)		0
40	microcrystalline. 32-33'		
45	LIMESTONE and SILTY GRAVEL: same as 24-32' interval		0
50	DOLOMITIC LIMESTONE, black (2.5/N) microcrystalline, white veining.		
55	VOID: 48-54.5'		0
60	DOLOMITIC LIMESTONE, black (2.5N) white veining,		
65	microcrystalline, grading to dolostone with depth.		0
70			
75			0
80	possible fracture @ 77' bgl		
85	possible fracture @ 81' bgl		0
90			
95	soft zone or fracture @ 89.5'		0
100	DOLOMITIC LIMESTONE: gray (5/N) to dark gray (4/N)		
105	w/ minor black (2.5/N) dolostone interbeds, microcrystalline, white calcite veining, possible stylolites		
110	decreasing amounts of gray and dark gray below 101'		
115	bgl.		0
120	DOLOMITIC LIMESTONE: black (2.5/N) v. minor dark gray (4/N) interbeds, microcrystalline soft zone or		
125	possible fracture @ 110' < 1/4 gpm.		0
130			
135			0
140			
145	VOID: 142 - 160'		0
150			
155			0
160	TD - 160 FEET		
165			

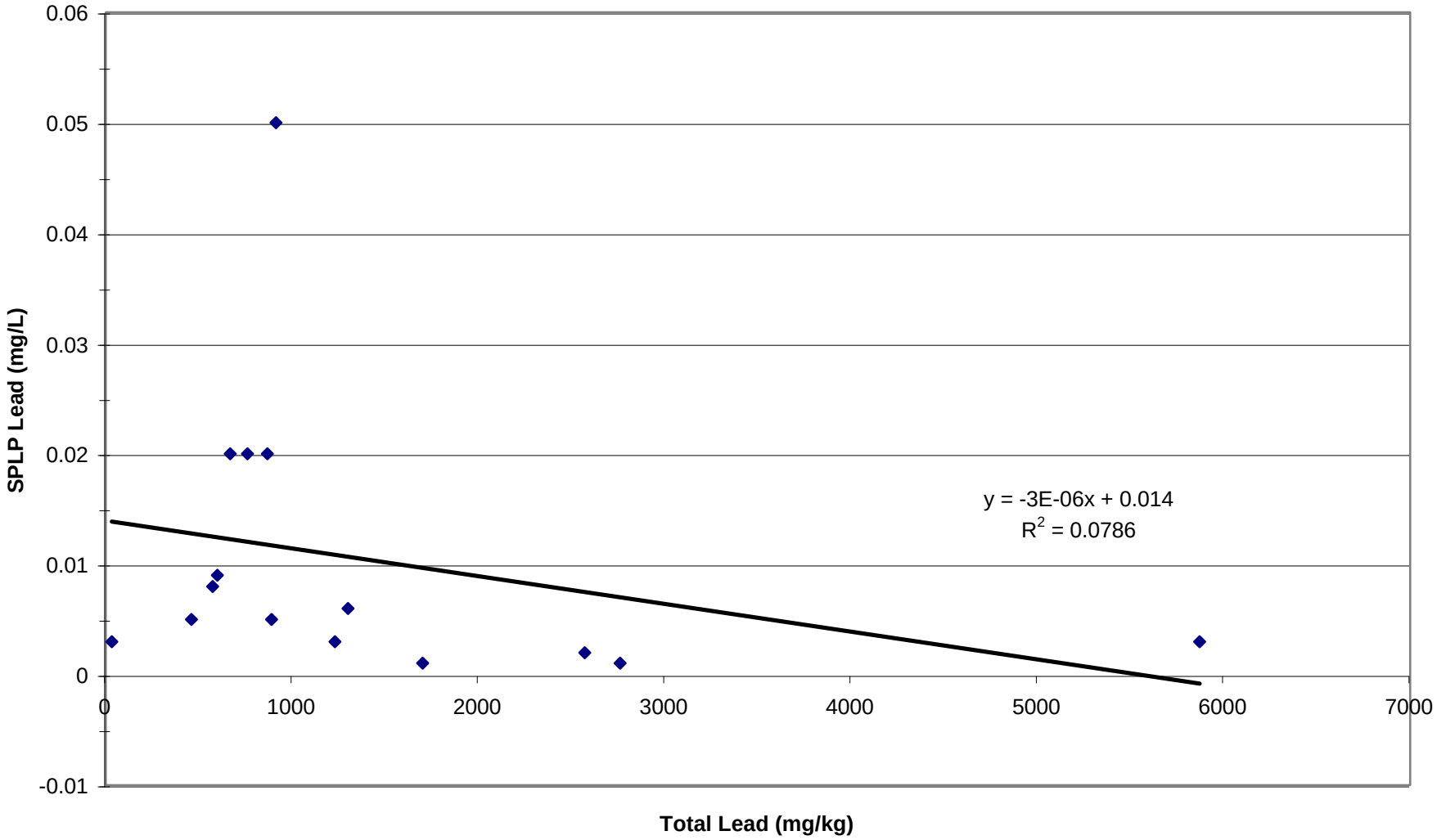


Depth in Feet	Well Construction Information
0	SURFACE COMPLETION : 3' stick up, 6" diameter, : steel protector pipe
5	
10	WELL CASING : 10,6 " diameter steel
15	WELL RISER
20	Material : Schedule 40 PVC Diameter : 4" WELL SCREEN : U - Pack Material : Schedule 40 PVC Diameter : 4" Slot Size : 0.010"
25	
30	
35	
40	GROUT : Portland 5-8% Bentonite total quantity : 64-94 lbs. bags
45	BENTONITE SEAL
50	Size : 3/8 " Holeplug Bentonite Quantity : 75 lbs. - 1.5 50 lb. bags
55	
60	
65	12" diameter drilling (0-58') 10" diameter drilling (19-85') 10" diameter casing (0-56') 6" diameter casing (0-85') 6" diameter drilling (85-142') VOID (142-160') 2" diameter schedule 40 PVC (0-134.7') riser 2" ID U-Pack PVC screen (134.7-144.7') Shale Catcher @ 132.3' Bentonite Seal (125.7-132.3')
70	
75	
80	
85	
90	
95	
100	Annulus between 12" diameter borehole and 10" diameter casing: Grout (0-85') 31 - 94lbs. bags Portland + 5-8% Bentonite 6.5 - 50lb bags 3/8" Bentonite Chips
105	
110	
115	Annulus between 10" diameter casing and 6"diameter casing: Grout (0-85') 18 - 94lb. bags Portland + 5-8% Bentonite 2-50lb. bags of 3/8" Bentonite Chips
120	
125	
130	
135	Annulus between 6" diameter casing/6" diameter borehole and 2" PVC Riser: Grout (0-125.7') 15 - 94lb. bags Portland + 5-8% Bentonite
140	
145	
150	
155	
160	
165	

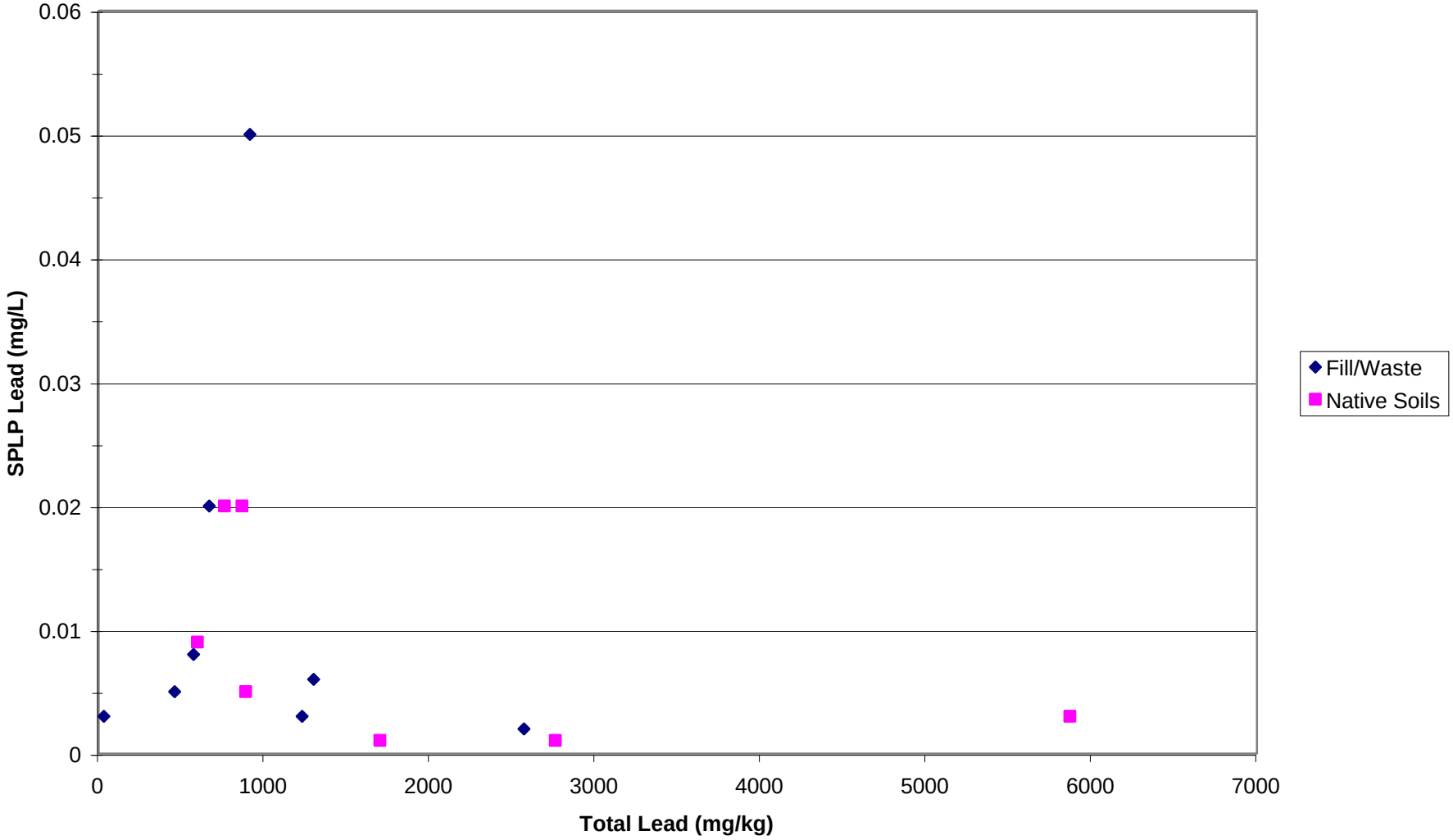
APPENDIX D

Soil Leachate Correlation Plots

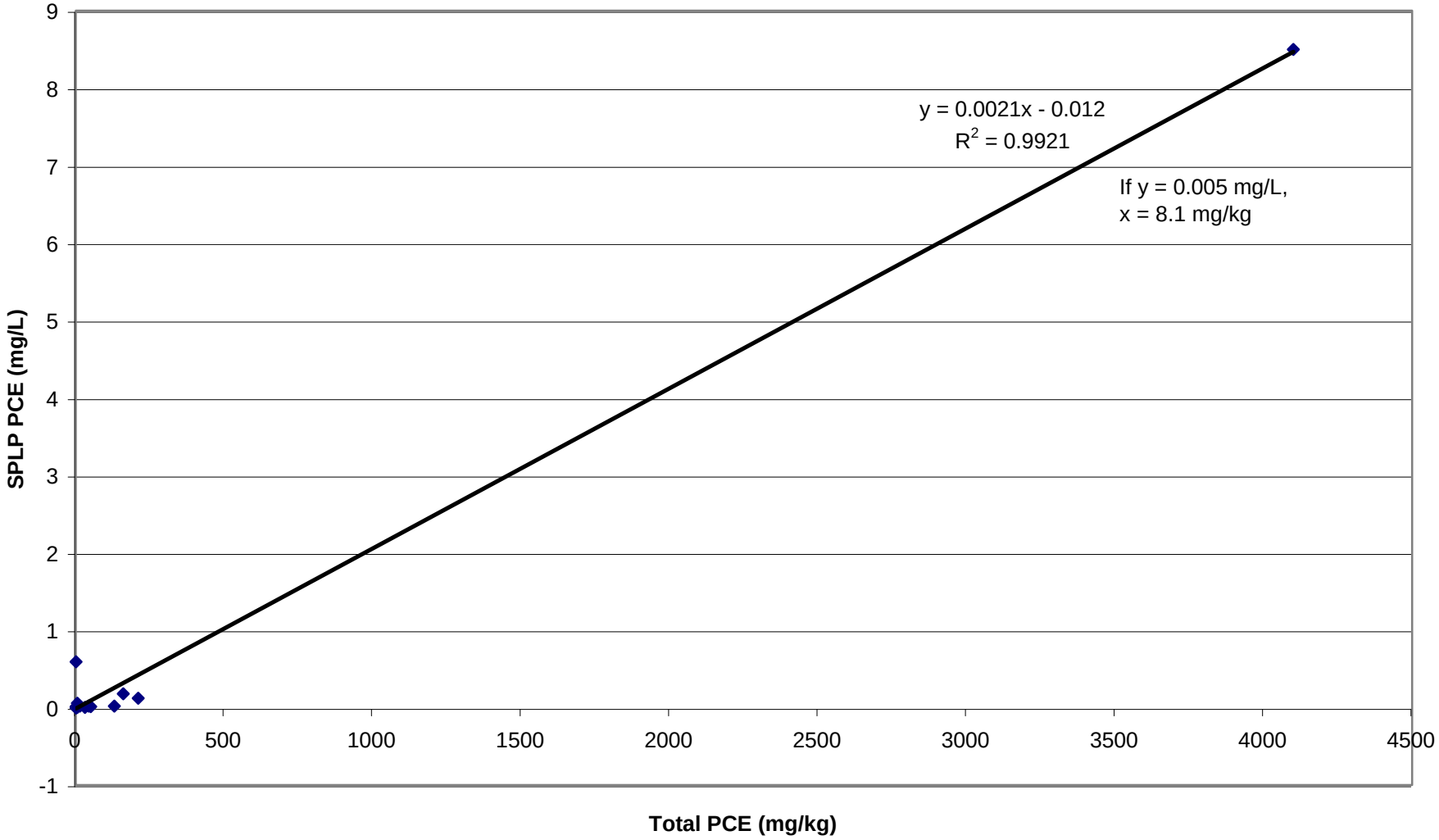
SPLP vs Total Lead in Soil
Harley-Davidson Eden Road Relocation Area



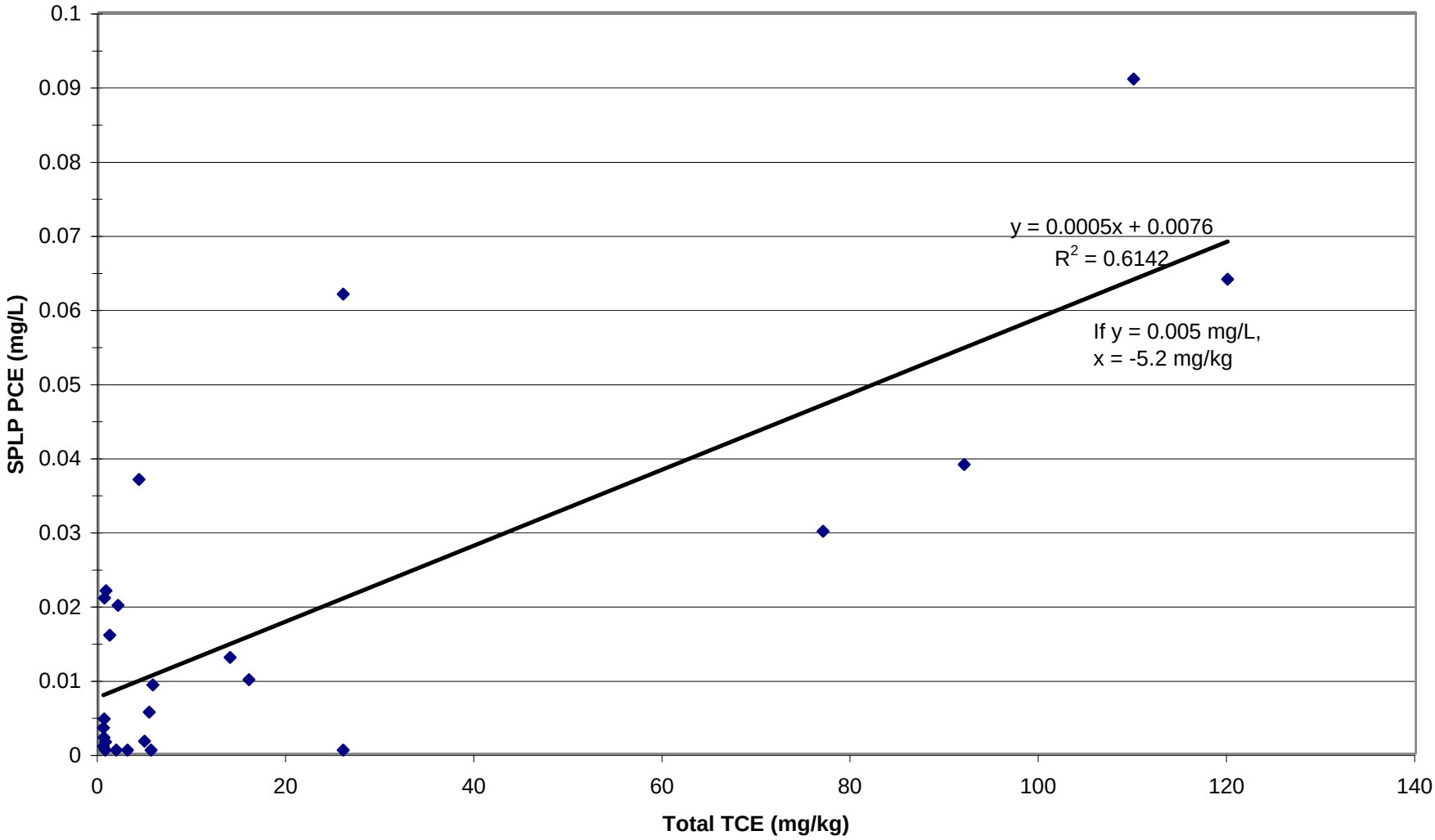
SPLP vs total Lead by soil types
Harley-Davidson Eden Relocation Area

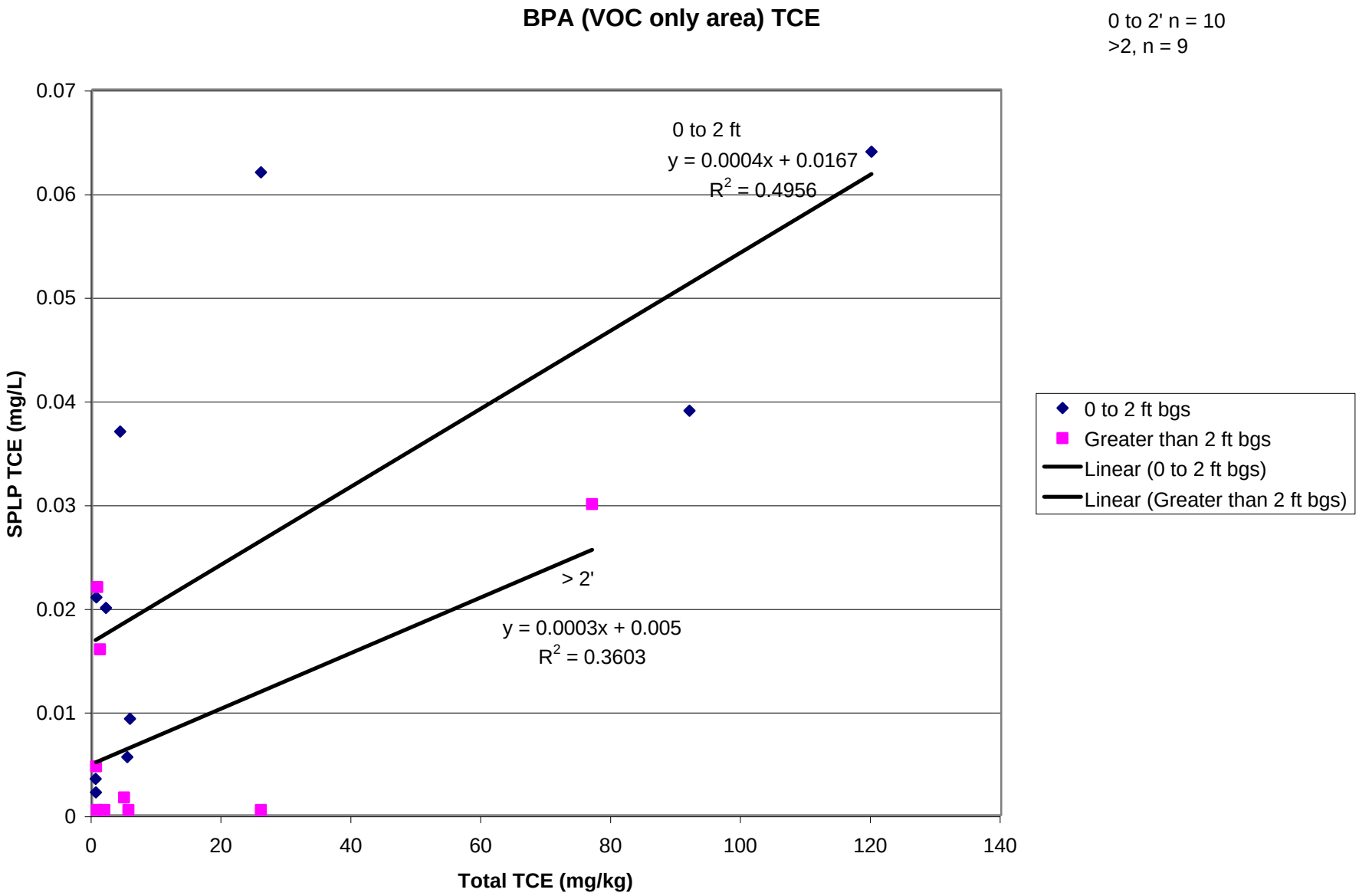


PCE samples in exceedence of PRG
Harley-Davidson Eden Road Relocation Area

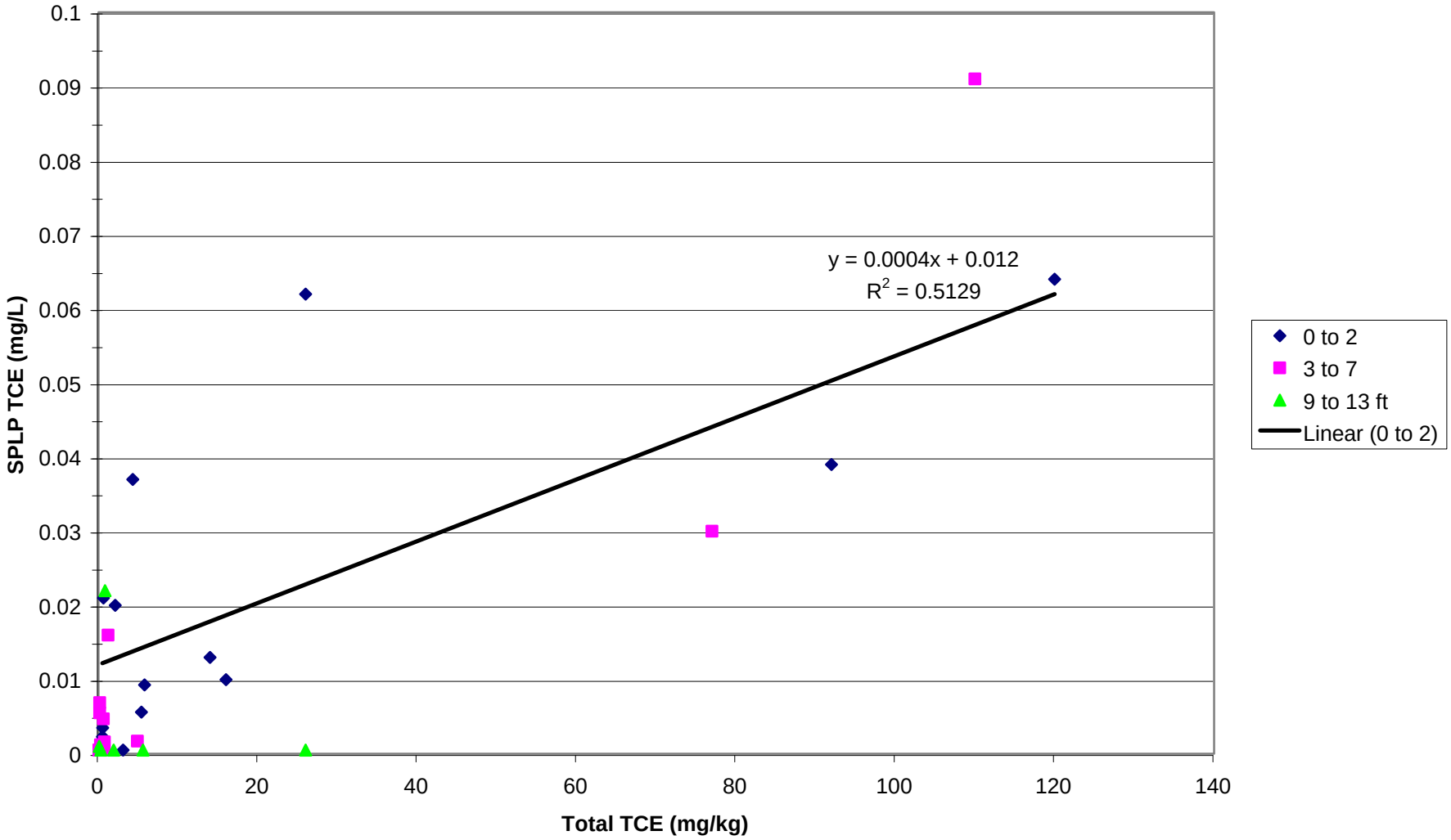


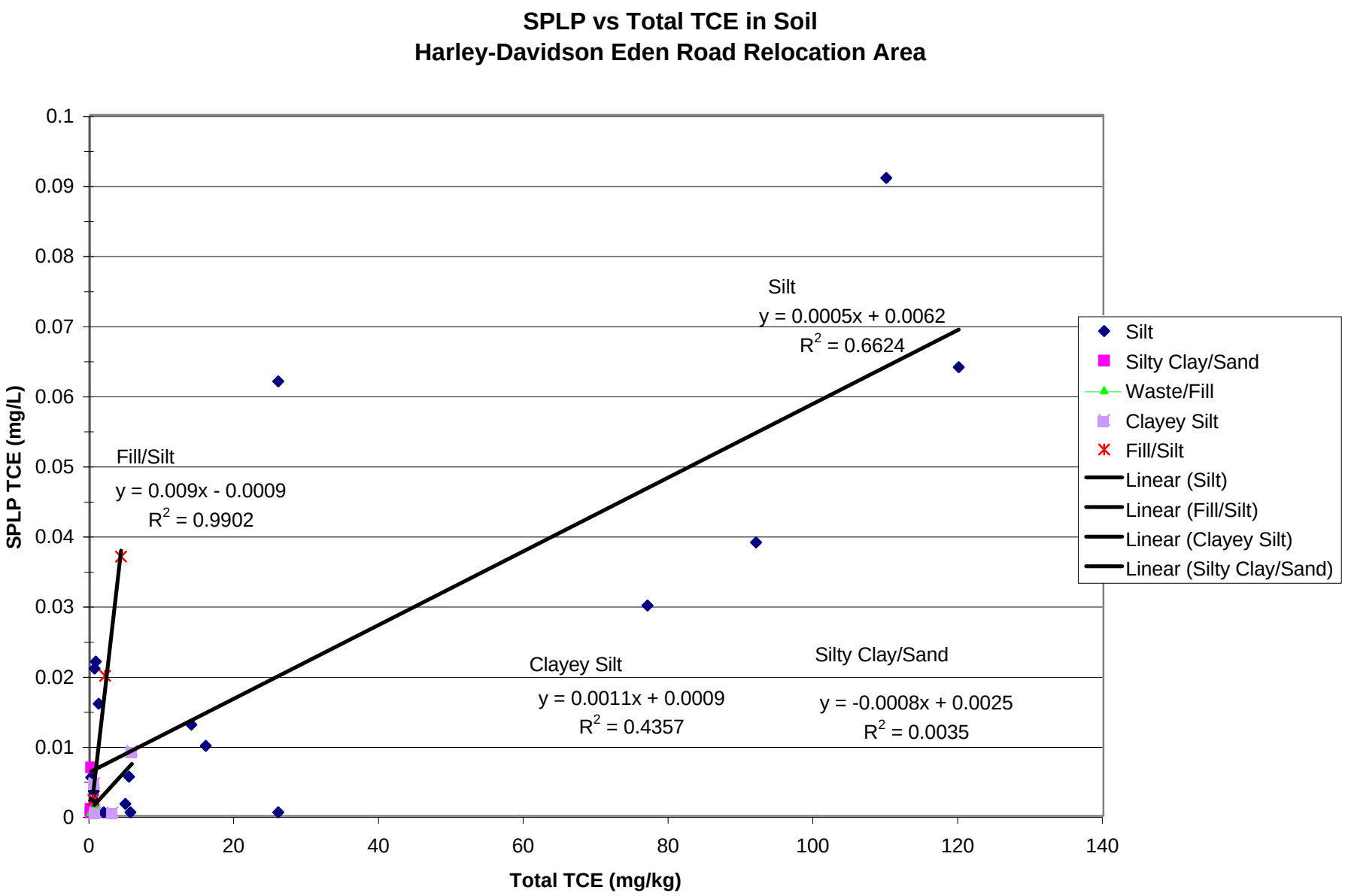
TCE samples in exceedence of PRG
Harley-Davidson Eden Road Relocation Area




BPA (VOC only area) TCE
0 to 2' n = 10
>2, n = 9
0 to 2 ft
y = 0.0004x + 0.0167
R2 = 0.4956
> 2'
y = 0.0003x + 0.005
R2 = 0.3603
SPLP TCE (mg/L)
Total TCE (mg/kg)
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0
20
40
60
80
100
120
140
0 to 2 ft bgs
Greater than 2 ft bgs
Linear (0 to 2 ft bgs)
Linear (Greater than 2 ft bgs)

Total vs SPLP TCE in soil with Depth
Harley-Davidson Eden Road Relocation Area




SPLP vs Total TCE in Soil
Harley-Davidson Eden Road Relocation Area
SPLP TCE (mg/L)
Total TCE (mg/kg)
0.1
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
20
40
60
80
100
120
140
Silt
y = 0.0005x + 0.0062
R2 = 0.6624
Fill/Silt
y = 0.009x - 0.0009
R2 = 0.9902
Clayey Silt
y = 0.0011x + 0.0009
R2 = 0.4357
Silty Clay/Sand
y = -0.0008x + 0.0025
R2 = 0.0035
Silt
Silty Clay/Sand
Waste/Fill
Clayey Silt
Fill/Silt
Linear (Silt)
Linear (Fill/Silt)
Linear (Clayey Silt)
Linear (Silty Clay/Sand)

APPENDIX E

Environmental Subsurface Protocol

ENVIRONMENTAL SUBSURFACE PROTOCOL

A. Environmental Inspector

An Environmental Inspector, employed by Harley-Davidson, may be present during grubbing and excavations. No excavation of in-situ soil or rock may occur if it is suspected of being contaminated, except in the presence of the Environmental Inspector. Contractor is responsible to communicate with the Environmental Inspector to schedule all excavation work. A one-week notice must be provided to the Environmental Inspector, if possible, prior to initiating excavation. Previously excavated material that has been screened by the Environmental Inspector is exempt from this requirement.

The Environmental Inspector will inspect newly uncovered subsurface material for indications of contamination. The primary responsibility of the Environmental Inspector with respect to the Work is to identify potentially contaminated areas, to exclude access to suspected contaminated areas by personnel not covered by the site specific health and safety plan, to notify Contractor of the results of laboratory testing and to direct the handling and disposition of excavated materials suspected of being contaminated.

The Environmental Inspector will have the authority to stop all work in any area suspected of being contaminated, to specify the handling of excavated material suspected of being contaminated and to exclude access to the suspected area until sampling and analysis is completed or until appropriate procedures are activated.

The Contractor is responsible to report to the Environmental Inspector all suspected areas of contamination, unusual odor in the subsurface, liquid, discoloration, and buried materials. Areas where groundwater is encountered or where water seeps from an excavation or excavated area must be brought to the attention of the Environmental Inspector.

B. Management of Contaminated Materials

Contaminated materials that may be encountered on site are ground or surface water, buried waste, or soils. The materials may be contaminated with metals (e.g., lead, chromium, nickel, copper, zinc, volatile organic compounds (chlorinated solvents like TCE and PCE, petroleum distillates like xylene, toluene and benzene), and cyanide. In the event that potentially contaminated materials are encountered, the Environmental Inspector shall inspect, and conduct appropriate screening in a timely manner and the contractor shall be prepared to handle the materials as specified in this section in a timely manner, so as not to impede progress of the project. Equipment that comes in contact with contaminated materials must be decontaminated prior to working in uncontaminated areas of the site, or prior to leaving the site.

1) Soil and Rock

In the event that soil and rock are encountered that are suspected of being contaminated, the contractor will immediately restrict access to the area. The contractor will not conduct work in that area until a plan is developed and agreed to by the Environmental Inspector and the contractor. Contractor shall be prepared in a timely manner to upgrade personnel protection, to conduct exploratory excavations, to assist in collecting samples, and to excavate and haul the potentially contaminated soil and rock to a temporary stockpile area provided by Owner. Sample analysis costs will be the responsibility of Owner. The parties acknowledge and agree that Contractor's only obligation is to haul potentially contaminated soil and rock to a temporary stockpile area and that Owner shall have complete responsibility for the temporary stockpile

area, including screening and determining soil and rock to be stored in such area, and Owner shall indemnify Contractor against any and all claims relating to the temporary stockpile area.

2) Solid Waste, Containers or Sludges (Buried Wastes)

In the event that buried wastes are encountered; Contractor will immediately restrict access to the area. Contractor will not conduct work in `that area until a plan is developed and agreed to by the Environmental Inspector and Contractor. Contractor shall be prepared to upgrade personnel protection, to conduct exploratory excavations, and to assist in collecting samples.

3) Groundwater and Springs

a) In the event that groundwater is encountered in excavations or excavated areas, in the form of seeps or springs, Contractor will immediately restrict access to the area. Contractor will not conduct work in that area until a plan is developed and agreed to by the Environmental Inspector and Contractor. Contractor shall be prepared to upgrade personnel protection, to conduct exploratory excavations, to temporarily contain the groundwater with grading, and to assist in collecting samples.

b) Contractor shall provide personnel and equipment, at Owner's expense, to contain and collect contaminated water, and transport it to the on-site groundwater treatment plant. Owner assumes responsibility for the water after it is delivered to on-site groundwater treatment plant.

c) Contractor shall take care to minimize the mixing of surface water with the identified contaminated groundwater. In addition, Contractor shall use its best efforts to minimize the turbidity and solids content of the contaminated water while pumping.

C. Contractor Health and Safety Plan (CHASP)

Contractor shall prepare a Site specific CHASP in a timely manner, so as not to impede the progress of the Project, that addresses the potential that hazardous waste, contaminated soil, and contaminated groundwater may be encountered during construction. At a minimum, the Contractor Health and Safety Plan must incorporate the following:

1. The CHASP must address all applicable components of C.F.R. Title 29 Part 1910.120, dealing with hazardous waste operations and emergency response, and Harley-Davidson's Work Instructions – Contractor Safety Rules and Practices.

2. All personnel that have the potential to come in contact or close proximity to waste or contaminated soil or contaminated groundwater, must have HAZWOPER 40-hour training and up-to-date refresher training. Qualifications and training certificates of Contractor or any Subcontractors must be submitted for approval. These personnel must also be participating in a medical monitoring program, required by OSHA for hazardous operations. This requirement is in addition to the regulatory requirement to provide a safe work place and is not intended to relieve the Contractor of any legal liabilities.

3. The CHASP will incorporate an acceptable procedure for excavating and handling soils identified by the Environmental Inspector as potentially contaminated, without significant delay. The CHASP will include a procedure for upgrading personnel protection levels, and decontamination of equipment and personnel.

4. Contractor must provide PPE (Personal Protective Equipment) and onsite monitoring.

5. A Spill and Discharge Control Plan shall be prepared for Owner review.

6. The CHASP will be submitted to Owner for review but not approval before grubbing or excavation may commence.

7. Dust Control - Contractor shall maintain all work areas within confirmed or potentially contaminated areas free from dust, which may contribute to air pollution or migration of chemical hazards. Approved methods of dust control or suppression will include water sprinkling. Dust control shall be performed as the work proceeds whenever a dust nuisance or hazard occurs or at the direction of the Environmental Inspector.