GIS REGISTRY
Cover Sheet

March, 2010
(RR 5367)

Source Property Information

CLOSURE DATE: Feb 8, 2010

BRRTS #: **02-41-186123**

FID #: 241005600

ACTIVITY NAME: HARLEY DAVIDSON TEST TRACK AREA

DATCP #:

PROPERTY ADDRESS: 11700 W Capitol Dr

COMM #:

MUNICIPALITY: Wawautosa, WI 53222

PARCEL ID #: 257-9998-04

***WTM COORDINATES:**

X: **677795** Y: **292871**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- ○ Approximate Center Of Contaminant Source
- ◉ Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [x] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  (***note:*** *for list of off-source properties see "Impacted Off-Source Property" form)*

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  (***note:*** *for list of off-source properties see "Impacted Off-Source Property" form)*

Land Use Controls:

- [ ] N/A (*Not Applicable*)
- [x] Soil: maintain industrial zoning *(220)*

  (***note:*** *soil contamination concentrations between non-industrial and industrial levels)*
- [x] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [x] Cover or Barrier *(222)*

  (***note:*** *maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  (***note:*** *local government unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

○ Yes ◉ No ○ N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

Form 4400-245 (R 4/08)

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 02-41-186123 PARCEL ID #: 257-9998-04

ACTIVITY NAME: Harley-Davidson Former Test Track Area WTM COORDINATES: X: 677795 Y: 292871

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [x] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [x] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [x] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: CSM #6448 Title: Certified Survey Map
- [x] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: 1 Title: Site Location Map
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 1 Title: Site Layout Map - Former Test Track Closure Request
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 6 / 6 Title: Soil Quality Map / FTT Soil Treatment Areas Map

BRRTS #: 02-41-186123 ACTIVITY NAME: Harley-Davidson Former Test Track Area

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 3 **Title: Post-Remediation Geologic Cross Section A-A'**

Figure #: **Title:**

☒ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: **Title: SEE ATTACHED PAGE FOR LIST OF MAPS**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: **Title: SEE ATTACHED PAGE FOR LIST OF MAPS**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title: SEE ATTACHED PAGE FOR LIST OF SOIL QUALITY TABLES**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: **Title: SEE ATTACHED PAGE FOR LIST OF GROUNDWATER QUALITY TABLES**

☒ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: 1 **Title: Static Groundwater Elevation Data – Former Test Track**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☐ **Not Applicable**

☒ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☒ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 02-41-186123 ACTIVITY NAME: Harley-Davidson Former Test Track Area

NOTIFICATIONS

Source Property

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8716
TTY 414-263-8713

February 8, 2010

Mr. Marquardt, CHMM
Harley-Davidson Motor Company
3700 W. Juneau Avenue, Milwaukee, WI 53208

Subject: Final Closure with Land Use Limitations or Conditions, Harley-Davidson, Former Test Track Area, 11700 West Capitol Drive Wawautosa, Wisconsin 53222, FID # 241005600, BRRTs # 02-41-186123

Dear Mr Marquart:

February 8, 2009 your request for closure of the case described above was reviewed by the Department of Natural Resources (Department). The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On October 29, 2009 you were notified that the Department had granted conditional closure to this case.

On December1, 2009 the Department received correspondence indicating that you have complied with the requirements of closure by abandoning the monitoring wells and submitting the well abandonment forms to the Department in your correspondence dated September 11, 2009. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Groundwater contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you the current property owner and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met

Remaining Residual Soil Contamination

Residual soil contamination remains at various depths for: benzene (10 – 12000 ug/Kg), 1, 2-Dichloroethane (11 – 200 ug/Kg), ethylbenzene (8900 – 130 ug/Kg), naphthalene (5,100 – 26,000 ug/kg), toluene (20.000 – 250.000 ug/kg), (940,000 – 210.000 ug/kg), 1,2,4-trimethylbenzene (190,000 ug/Kg), 1,3,5-trimethylbenzene (11,000 – 73, 0000 ug/Kg), xylenes (4600 – 630,000 ug/kg), PCE (4.0 ug/kg), TCE (1,5 – 5, 200 ug/Kg), cis-1, 2-Dichloroethene (1.4 – 1,500 ug/Kg). Also refer to Table 7 Post-Remediation Soil Quality Results – Former Test Track Treatment Areas. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Barrier to Prevent Direct Contact Only

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement, cover that currently exists in the location of the Area on the attached **Figure 1** (Drawing Number 5512-098) shall be maintained in compliance with **the attached Cap Maintenance Plan (Asphalt/concrete pavement and Engineered Soil Cover System Areas)** in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Structural Impediments

Structural impediments existing at the time of cleanup at the vicinity of the Former Test Track (FTT), the existing large manufacturing building and loading dock on site made completion of the remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are to be removed, the

property owner shall notify the Department of Natural Resources before removal and conduct an investigation of the degree and extent of chlorinated volatile contamination. If contamination is found at that time, the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Prohibited Activities

The following activities are prohibited on any portion of the property where pavement, a building foundation, soil cover, engineered cap or other barrier is required as shown on the attached figure 1, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Vapor Migration

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site. Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Binyoti F. Amungwafor at 414-263-8607

Sincerely,

James A Schmidt

James A, Schmidt
Remediation & Redevelopment Team Supervisor

CC: Mr. Adam Roder, The SIGMA GROUP, 1300 W. Canal Street, Milwaukee WI 53233
Case File

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8716
TTY 414-263-8713

October 29, 2009

Mr. Marquardt, CHMM
Harley-Davidson Motor Company
3700 W. Juneau Avenue, Milwaukee, WI 53208

Subject: Conditional Case Closure, Harley-Davidson Former Test Track Area, 11700 W. Capitol Drive, Wauwatosa Wisconsin, BRRTs # 02-41-196123, FID # 241005600

Dear Mr. Marquardt:
On August 28, 2009, the Department of Natural Resources reviewed your request for closure of the case described above. The Department of natural Resources reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department of Natural Resources has determined that the volatile organic compounds and chlorinated solvents contamination on the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following condition is satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Binyoti F. Amungwafor on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

When the indicated condition has been satisfied, please submit the well abandonment forms to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

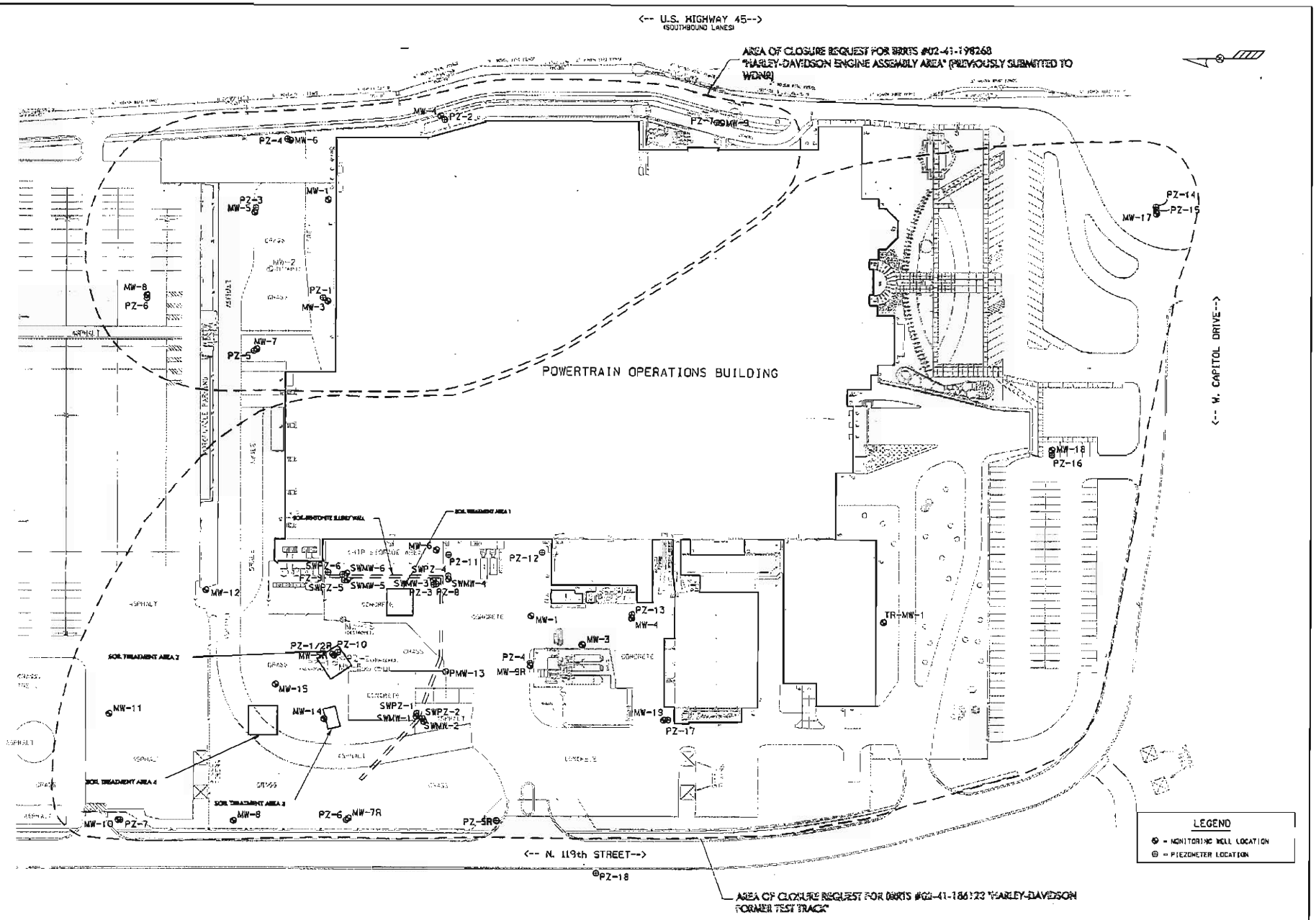
Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 414-263-8607.

Sincerely,

Binyoti F. Amungwafor
Hydrogeologist

cc: Mr. Adam Roder, The SIGMA GROUP, 1300 W. Canal Street, Milwaukee WI 53233/Case File



NOTE:
1. WELL LOCATIONS SURVEYED BY SIGMA DEVELOPMENT, INC., EXCEPT FOR PZ-2 AND PZ-3 ON UNION PACIFIC RAILROAD PROPERTY.

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, Wisconsin 53233
Phone: 414-643-4200
Fax: 414-643-4210

SCALE - 1" = 80'-0"
0' 40' 80' 120' 160'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	SJGJ	09/10/09
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY- DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
SITE LAYOUT MAP - FORMER TEST TRACK CLOSURE REQUEST

DRAWING NUMBER
5512-098

Figure 1

K:\HARLEY\5512-Drawings 76-100\5512-098.dwg, FTT CLOSURE, 9/10/2009 10:51:17 AM, ANSI full bleed C (22.00 x 17.00 Inches), 1:1

CAP MAINTENANCE PLAN
HARLEY-DAVIDSON MOTOR COMPANY – FORMER TEST TRACK
11700 WEST CAPITOL DRIVE, WAUWATOSA, WI 53222
BRRTS #02-41-186123

Harley-Davidson Motor Company (Harley-Davidson) manufactures motorcycle powertrains and produces motorcycle performance parts/replacement parts at the Capitol Drive facility located at 11700 West Capitol Drive in the City of Wauwatosa, Wisconsin (hereinafter referred to as the "Property"). The Property is improved with a large manufacturing building, asphalt- and concrete-paved parking lots and roadways, concrete curbing, sidewalks, and greenspace areas.

In the vicinity of the Former Test Track (FTT), the concrete and asphalt pavements and an engineered soil cover system in the greenspace area serve as engineered barriers that limit exposure to residual chlorinated volatile organic compound (CVOC) impacts in subsurface soils. The Property improvements that serve as engineered barriers are depicted on Figure 1 ("Engineered Cap Areas – Former Test Track"). The normal operation of the engineered barriers will serve as a direct contact barrier between site soils and typical, non-invasive users of the Property. The engineered barriers were function as intended unless disturbed.

Disturbance Management

Harley-Davidson, and any subsequent property owner, will take the following steps to assure that uncontrolled disturbances of the engineered barrier do not occur:

- The Wisconsin Department of Natural Resources' (WDNR's) case closure documents and Geographic Information System (GIS) Registry will establish any future land use, development, and management restrictions for the site. This Cap Maintenance Plan will be incorporated into the case closure documents and/or GIS Registry, which will together identify the environmental impacts, the nature of the engineered barriers, and the requirements regarding the management of impacted soils.

- A copy of this Cap Maintenance Plan will be available from Harley-Davidson to all interested parties.

- A copy of this Cap Maintenance Plan will be provided to all utility companies seeking easements for the purpose of installing facilities in the FTT area.

- A copy of this Cap Maintenance Plan will be provided to all contractors and repair workers, including utility and landscaping services, for construction and repair activities that may disturb the subsurface soil.

Inspections of Engineered Barrier

Inspections will be performed by the Property owner or its agents to assure that the engineered barriers are functioning as planned:

- Inspections of the engineered barriers will be performed on an approximately annual basis for all accessible areas.

- As necessary, the engineered barriers will be repaired to maintain integrity. Repairs may include, but are not limited to, the following:

- Patching or replacing concrete or asphalt pavement where it has cracked or otherwise broken and would allow direct contact with underlying soil; and

- Filling low spots in greenspace areas with clean topsoil and stabilizing the area with vegetation to match the surrounding ground cover.

- An inspection log will be maintained to record any disturbances of the engineered barriers and the steps that have been taken to maintain the integrity of the engineered barriers. The inspection log will be made available for inspection by representatives of the WDNR upon reasonable prior request. The on-site inspection log will be maintained as long as inspection and maintenance of the engineered barrier are required. An example inspection log page is included with this Cap Maintenance Plan

Planned Breaches of Engineered Barriers

In the event an engineered barrier is breached, the following precautions shall be taken:

- The excavation zone and any soils excavated will be secured from public access until the engineered barrier is restored.

- All material excavated from beneath an engineered barrier will be returned to the excavation prior to the restoration of the engineered barrier. While on-site, the excavated soil will be placed on an impervious surface (e.g., concrete or asphalt pavement or plastic) and covered with plastic. Excess soil that cannot be returned to the excavation will be sampled and disposed of at a licensed landfill facility in accordance with applicable solid and/or hazardous waste rules and regulations.

- The engineered barrier will be restored to meet original conditions as soon as possible.

- Details of the engineered barrier breach, the handling of excavated soils, individuals responsible for the work, and the restoration of the engineered barrier shall be recorded in the engineered barrier maintenance log.

Amendments

The Cap Maintenance Plan may be amended or withdrawn upon written approval from the WDNR or its successor agency.

Contact Information

- For responsible party and owner information contact:

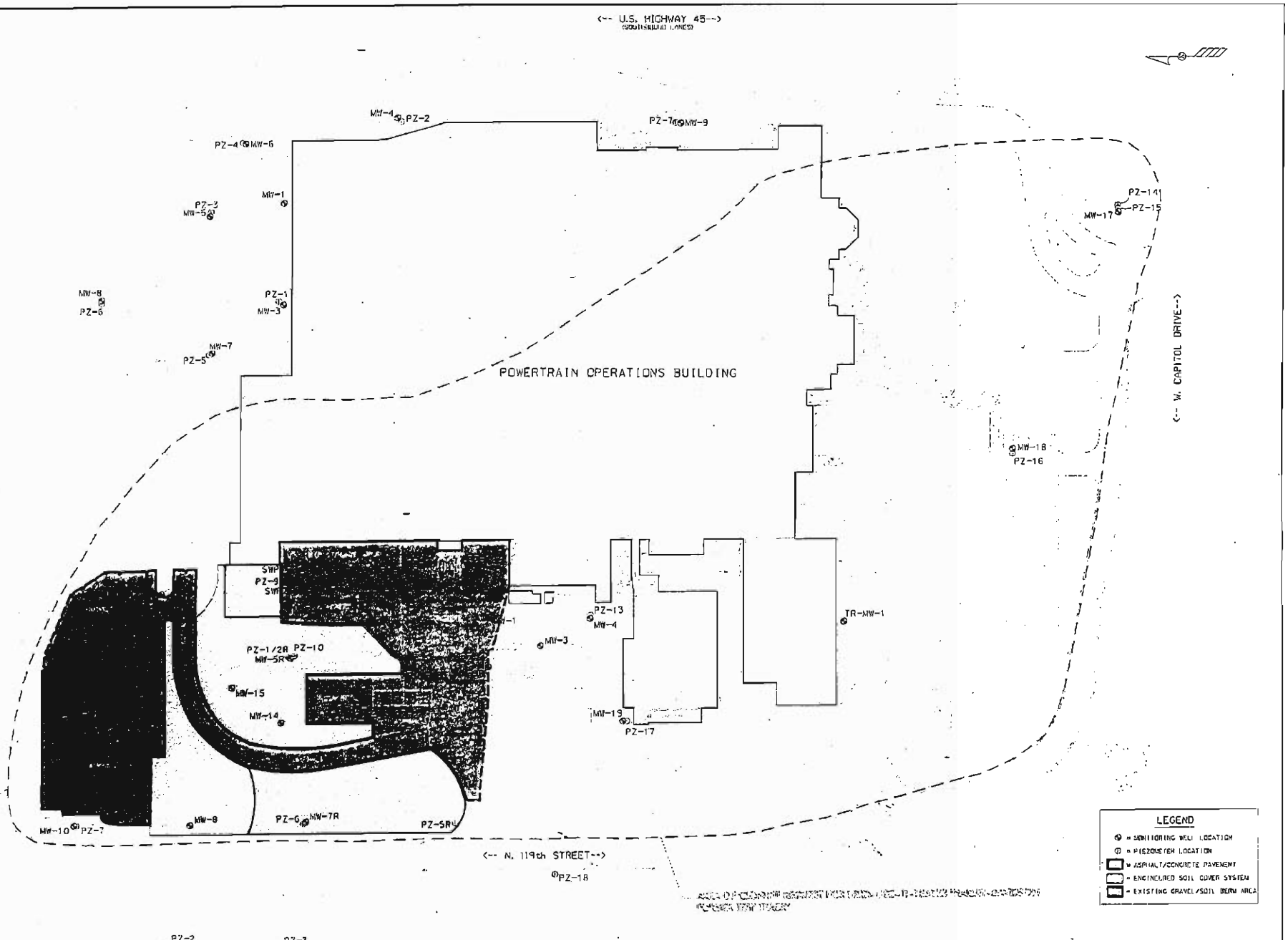
  Harley-Davidson Motor Company
  3800 W. Juneau Avenue
  Milwaukee, WI 53208
  Telephone: (414) 343-7670
  Contact: Ms. Joyce Koker, P.E.

- For environmental consultant information contact:
  Sigma Environmental Services, Inc.
  1300 West Canal Street
  Milwaukee, WI 53233
  Telephone: (414) 643-4200
  Contact: Mr. Adam Roder, P.E.

- For Wisconsin Department of Natural Resources information contact:
  Wisconsin Department of Natural Resources
  2300 N. Dr. Martin Luther King, Jr. Drive
  Milwaukee, WI 53212
  Telephone: (414) 263-8500
  Contact: Mr. Binyoti Amungwafor

CAP INSPECTION LOG
HARLEY-DAVIDSON MOTOR COMPANY – FORMER TEST TRACK
11700 WEST CAPITOL DRIVE, WAUWATOSA, WI 53222
BRRTS #02-41-186123

Inspection Date	Inspector	Condition of Cap	Recommendations	Have recommendations from previous inspection been implemented?



NOTE:
1. WELL LOCATIONS SURVEYED BY SIGMA DEVELOPMENT, INC., EXCEPT FOR PZ-2 AND PZ-3 ON UNION PACIFIC RAILROAD PROPERTY.

THE SIGMA GROUP
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Milwaukee, Wisconsin 53233
Phone: 414-643-4200
Fax: 414-643-4210

SCALE - 1" = 80'
0' 40' 80' 120' 160'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	SJGJ	09/10/09
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
ENGINEERED CAP AREAS - FORMER TEST TRACK

DRAWING NUMBER
5512-098

Figure 1

K:\HARLEY\5512\Drawings 76-100\5512-098.dwg, FTT CLOSURE-2, 9/10/2009 10:52:23 AM, ANSI full bleed C (22.00 x 17.00 Inches), 1:1

REEL 4657 IMAG 1425
7809559

STATE BAR OF WISCONSIN FORM 1 - 1998
WARRANTY DEED

Document Number

REGISTER'S OFFICE | SS
Milwaukee County, WI|
RECORDED AT 1:03 PM
09-28-1999
REEL 4657 IMAGE 1425 TO 1427 INCL.
WALTER R. BARCZAK
REGISTER OF DEEDS
AMOUNT 14.00

This Deed, made between Harley-Davidson Motor Company, a Wisconsin corporation, Grantor, and H-D Capitol Drive, LLC, a Wisconsin limited liability company, Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Milwaukee County, State of Wisconsin (the "Property"):

See Exhibit A attached hereto and made a part hereof.

TRANSFER
$75,743.10
FEE

Recording Area

Name and Return Address
Joseph S. Rupkey
Foley & Lardner
777 East Wisconsin Avenue
Milwaukee, WI 53202-5367

BOX 286

257-9998-001
Parcel Identification Number (PIN)

This is not homestead property.
~~(is)~~ (is not)

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances, general taxes levied in 1999 and matters set forth in Exhibit B, attached hereto and made a part hereof.

Dated this 26th day of September, 1999.

HARLEY-DAVIDSON MOTOR COMPANY

By: [signature]
Name: GAIL A. LIONE
Title: Vice President, General Counsel & Secretary

AUTHENTICATION

Signature(s)

authenticated this day of,

*

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Joseph S. Rupkey of
Foley & Lardner
(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGEMENT

STATE OF WISCONSIN,
MILWAUKEE COUNTY, } ss

Personally came before me this 24th day of September, 1999, the above named Gail A. Lione the Vice President, General Counsel & Secretary of Harley-Davidson Motor Company, a Wisconsin corporation, to me known to be the person who executed the foregoing instrument and acknowledge the same.

*[signature] Edward M. Krislov
Notary Public, State of Wisconsin
My commission is permanent. (If not, state expiration date:)

* Names of persons signing in any capacity must be typed or printed below their signature.

EXHIBIT A
TO
WARRANTY DEED

That part of the Southwest One-quarter (1/4) of Section Six (6), in Township Seven (7) North, Range Twenty-one (21) East, in the City of Wauwatosa, County of Milwaukee, State of Wisconsin, which is bounded and described as follows:

Commencing at the Southwest corner of said 1/4 Section; thence North 85°59'33" East along the South line of said 1/4 Section 1157.00 feet to a point thence North 00°32'07" West and parallel to the West line of said 1/4 Section 170.00 feet to a point on the North line of relocated West Capitol Drive and the point of beginning of the land to be described; thence continuing North 00°32'07" West and parallel to the West line of said 1/4 Section 2479.86 feet to a point on the North line of said 1/4 Section; thence North 85°37'16" East along the North line of said 1/4 Section 766.17 feet to a point on the Westerly line of U.S. Highway 45 said point being 365.00 feet South 85°37'16" West of the Northeast corner of said 1/4 Section; thence South 07°28'42" East 663.78 feet to a point; thence South 04°27'54" East 156.12 feet to a point; thence South 00°23'58" East 292.01 feet to a point; thence South 03°50'06" East 301.43 feet to a point; thence South 04°00'14" East 196.31 feet to a point; thence South 04°13'33" East 100.18 feet to a point; thence South 17°29'29" East 104.40 feet to a point; thence South 00°47'31" East 190.50 feet to a point; thence South 16°23'02" West 115.14 feet to a point; thence South 02°59'27" West 121.26 feet to a point; thence South 01°29'16" East 362.27 feet to a point on the North line of West Capitol Drive, said point being 253.27 feet South 85°59'33" West and 60.6 feet North 01°29'16" West of the Southeast corner of said 1/4 Section; thence South 85°59'33" West and parallel to the South line of said 1/4 Section 167.56 feet to a point; thence North 00°47'31" West 25.04 feet to a point; thence South 85°59'33" West and parallel to the South line of said 1/4 Section 285.26 feet to a point on a curve; thence Northwesterly 103.64 feet along the arc of a curve whose center lies to the North whose radius is 1125.92 feet and whose chord bears North 82°42'32" West 103.60 feet to a point; thence North 80°04'19" West 20.30 feet to a point; thence Northwesterly 237.12 feet along the arc of a curve whose center lies to the South whose radius is 974.93 feet and whose chord bears North 87°02'23" West 236.55 feet to a point; thence South 85°59'33" West and parallel to the South line of said 1/4 Section 18.05 feet to a point; thence North 00°32'07" West 30.85 feet to a point; thence South 85°59'33" West and parallel to the South line of said 1/4 Section 58.00 feet to the point of beginning.

Excepting therefrom those lands described as Parcel Two (2) in Certified Survey Map No. 6448 and recorded in the Office of the Register of Deeds for Milwaukee County on December 11, 1997 in Reel 4200, Images 1085 to 1089 inclusive, as Document No. 7460788.

11700 West Capitol Drive

Tax Key No. 257-9998-001

REEL 4657 IMAG 1427

EXHIBIT B
TO
WARRANTY DEED

1. Utility Easement recorded on August 18, 1925 in Volume 1097 of Deeds, at Page 125, as Document No. 1373526.

2. Agreement recorded on January 27, 1932 in Volume 1376 of Deeds, at Page 153, as Document No. 1889647.

3. Easement recorded on September 8, 1954 in Volume 3335 of Deeds, at Page 212, as Document No. 3325931.

4. Utility Easement recorded on January 22, 1965 in Reel 230, Images 1587 and 1588, as Document No. 4156110.

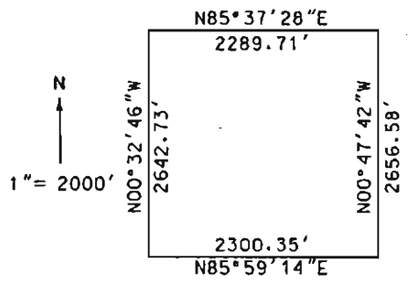
5. Drainage easement and access limitations and restrictions contained in an Award of Damages recorded on January 20, 1967 in Reel 343, Images 1781 to 1787 inclusive, as Document No. 4298109.

6. Utility Easement recorded on November 10, 1949 in Volume 2678 of Deeds, at Page 178, as Document No. 2899510.

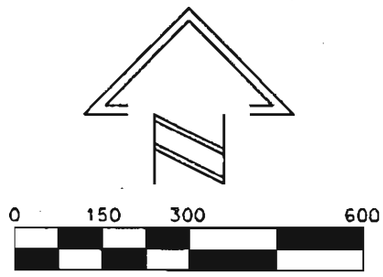
REEL 4200 IMAG 1085

CERTIFIED SURVEY MAP NO. 6448

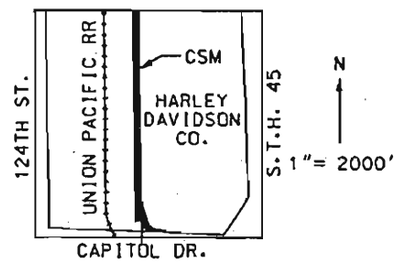
Being a part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4 and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin.



SW. 1/4, SECT. 6, T7N, R21E
CONTROL SURVEY

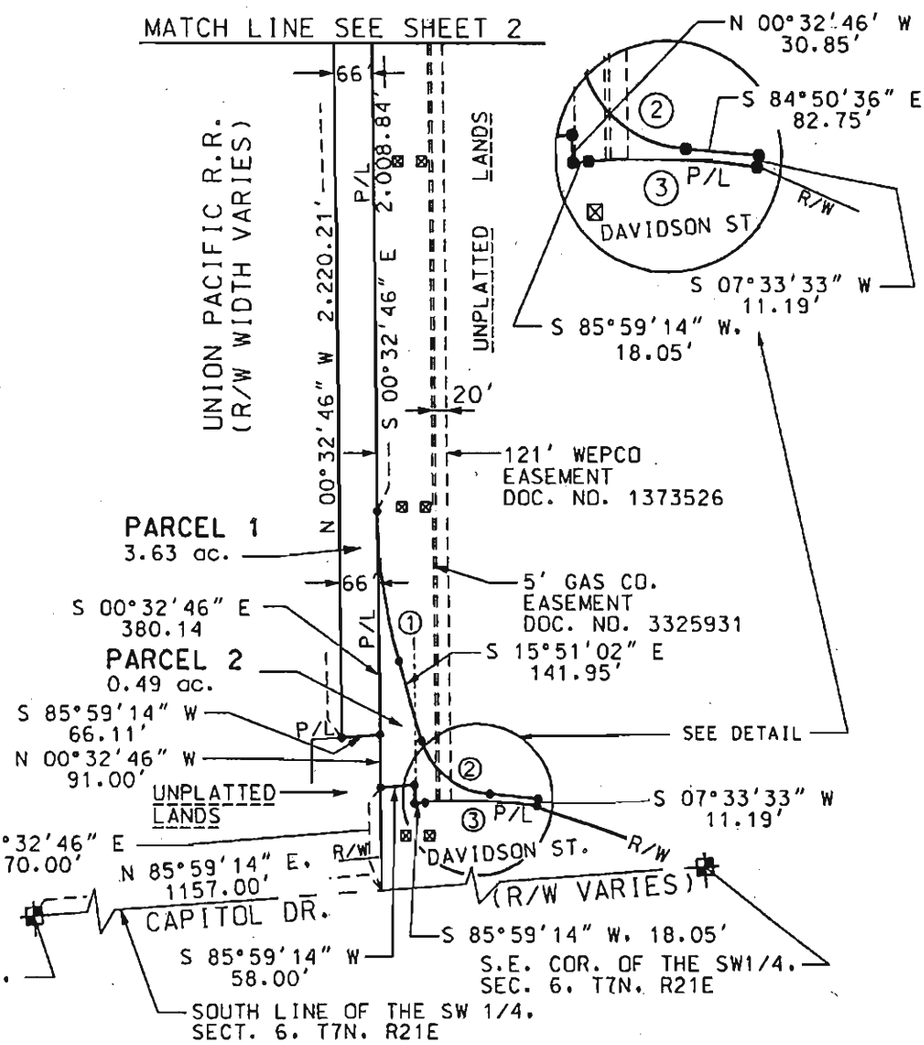


SCALE: 1"= 300'



SW. 1/4, SECT. 6, T7N, R21E
LOCATION MAP

GRAEF ANHALT SCHLOEMER and Associates Inc.



CURVE DATA

(1) R= 967.00'
CB= S 08°12'01" E
CD= 257.54'
ARC= 258.30'
I= 15°18'17"
T= 129.93'

(2) R= 127.00'
CD= S 51°32'54" E
CB= 148.21'
ARC= 158.25'
I= 71°23'43"
T= 91.25'

(3) R= 974.93'
CB= N 88°21'46" W
CD= 191.97'
ARC= 192.28'
I= 11°17'53"
T= 96.44'

LEGEND

- ● 1" DIA.x24"LG. IRON PIPE SET WEIGHT 1.17 LBS/FT.
- ■ FOUND CONC. MONUMENT W/BRASS CAP
- ○ CONCRETE MONUMENT FOUND
- ☒ WEPCO TRANSMISSION LINE TOWERS

REFERENCE BEARING

ALL BEARINGS ARE REFERENCED TO THE SOUTH LINE OF THE SW. 1/4 OF SECT. 6, T7N, R21E WHICH BEARS N 85°59'14" E AND IS REFERENCED TO GRID NORTH OF THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

Burt J. Naumann
7-23-97
REV. 9-30-97
REV. 12-11-97

WISCONSIN
BURT J. NAUMANN
S-1950
HARTFORD, WISCONSIN
LAND SURVEYOR

THIS INSTRUMENT WAS DRAFTED BY: BURT J. NAUMANN JOB. NO. 975453 SHEET 1 OF 5

1802

FILE: g:\975453\ms\planset\csm01.dgn
DATE: 07-Jul-97 11:13

REEL 4200 IMAG 1086

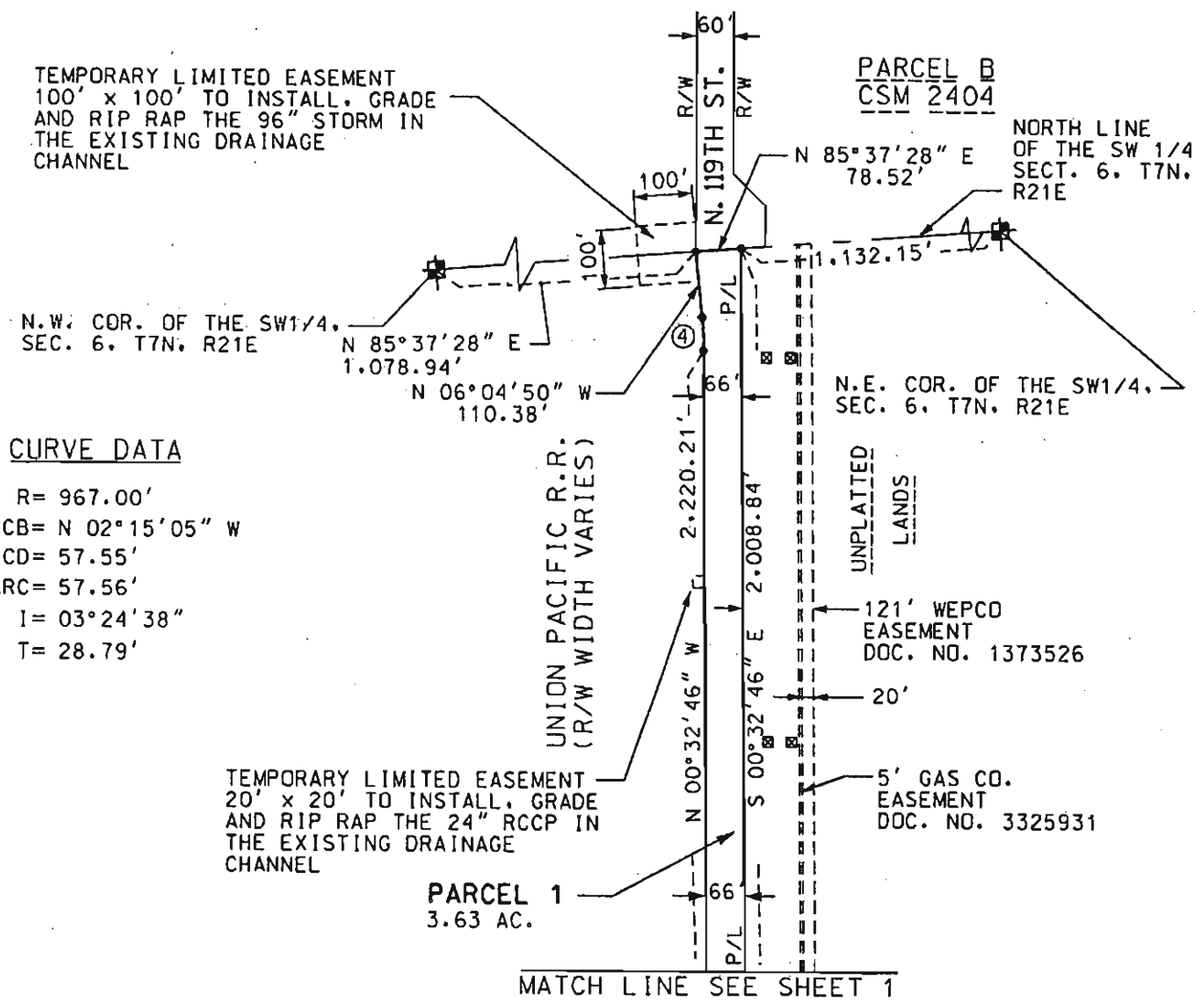
CERTIFIED SURVEY MAP NO. 6448

Being a part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4 and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin.

GRAEF ANHALT SCHLOEMER and Associates Inc.

0 150 300 600

SCALE: 1"= 300'



CURVE DATA

(4)
R= 967.00'
CB= N 02°15'05" W
CD= 57.55'
ARC= 57.56'
I= 03°24'38"
T= 28.79'

LEGEND

- ● 1" DIA.x24"LG. IRON PIPE SET WEIGHT 1.17 LBS/FT.
- ■ FOUND CONC. MONUMENT W/BRASS CAP
- ☒ WEPCO TRANSMISSION LINE TOWERS

Burt J. Naumann
7-23-97
REV. 9-30-97
REV. 12-11-97

WISCONSIN
BURT J. NAUMANN
S-1950
HARTFORD, WISCONSIN
LAND SURVEYOR

THIS INSTRUMENT WAS DRAFTED BY: BURT J. NAUMANN JOB. NO. 966904 SHEET 2 OF 5

FILE: g:\975453\ms\planset\csm02.dgn
DATE: 15-Jul-97 10:30

REEL 4200 IMAG 1087

CERTIFIED SURVEY MAP NO. 6448

Being a part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4, and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin.

SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN)
) SS
MILWAUKEE COUNTY)

I, Burt J. Naumann, a registered land surveyor, do hereby certify:

That I have surveyed, divided, and mapped that part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4, and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin, bounded and described as follows:

Commencing at a concrete monument with brass cap at the Southwest corner of said Southwest 1/4; thence North 85° 59' 14" East, on and along the South line of said Southwest 1/4, 1,157.00 to a point; thence North 00° 32' 46" West, parallel to the West line of said Southwest 1/4, 170.00 feet to the point of beginning; thence continuing North 00° 32' 46" West, parallel to said West line, 91.00 feet to a point; thence South 85° 59' 14" West, 66.11 feet to a point; thence North 00° 32' 46" West, parallel to said West line, 2,220.21 feet to the beginning of a curve to the left, having a radius of 967.00 feet and a long chord bearing North 02° 15' 05" West, 57.55 feet; thence Northwesterly, on and along the arc of said curve, 57.56 feet to a point; thence North 06° 04' 50" West, 110.38 feet to a point on the North line of said Southwest 1/4, said point also being the Southwest corner of North 119th Street right-of-way; thence North 85° 37' 28" East, on and along said North line and the South line of North 119th Street right-of-way, 78.52 feet to the East line of the Union Pacific Railroad right-of-way; thence South 00° 32' 46" East, on and along said East line and parallel to the West line of said Southwest 1/4, 2,008.84 feet to the beginning of a curve to the left, having a radius of 967.00 feet and along chord bearing South 08° 12' 01" East, 257.54 feet; thence Southeasterly, on and along the arc of said curve, 258.30 feet to a point; thence South 15° 51' 02" East, 141.95 feet to the beginning of a curve to the left, having a radius of 127.00 feet and a long chord bearing South 51° 32' 54" East, 148.21 feet; thence Southeasterly, on and along the arc of said curve, 158.25 feet to a point; thence South 84° 50' 36" East, 82.75 feet to a point; thence South 07° 33' 33" West, 11.19 feet to a point on the North right-of-way line of Davidson Street and the beginning of a curve to the left; having a radius of 974.93 feet and along chord bearing North 88° 21' 46" West, 191.97 feet; thence Northwesterly, on and along the arc of said curve and said North right-of-way line, 192.28 feet to a point; thence South 85° 59' 14" West, on and along said North right-of-way line, 18.05 feet to a point; thence North 00° 32' 46" West, on and along said North right-of-way line, 30.85 feet to a point; thence South 85° 59' 14" West, on and along said North right-of-way line and parallel with the South line of said Southwest 1/4, 58.00 feet to the point of beginning.

Containing 179,623 square feet (4.12 acres) more or less.

That I have made such a survey, land division, and map by the direction of the Owners of said land. That such a map is a correct representation of all the exterior boundaries of the land surveyed and the land division thereof made.

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and the Land Division Ordinance of the City of Wauwatosa, in surveying, dividing, and mapping the same.

WISCONSIN
BURT J. NAUMANN
S-1950
HARTFORD, WISCONSIN
LAND SURVEYOR

Burt J. Naumann

Burt J. Naumann, S-1950
Registered Wisconsin Land Surveyor

Date: 7-23-97
REV. 12-11-97

THIS INSTRUMENT DRAFTED BY: Burt J. Naumann, RLS No. S-1950

REEL 4200 IMAG 1088

CERTIFIED SURVEY MAP NO. 6448

Being a part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4, and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin.

CORPORATION OWNER'S CERTIFICATE

Harley-Davidson, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said corporation caused the land described on this map to be surveyed, divided, and mapped as represented on this map.

WITNESS:

Daniel Drake

Gail A. Lione Vice President

Daniel Drake

James M. Brostowitz, Vice President

STATE OF WISCONSIN)
MILWAUKEE ~~WAUKESHA~~ COUNTY) SS

Personally came before me this 10th day of December 1997, Gail A. Lione, and James M. Brostowitz of the above-named corporation, to me known to be officers of said corporation and acknowledged that they executed the foregoing instrument as such officers as the deed of said corporation, by its authority.

MICHAEL B. WEISS NOTARY PUBLIC STATE OF WISCONSIN

NOTARY PUBLIC, STATE OF WISCONSIN

My Commission ~~Expires~~: is permanent

7460788

RECORD 13.00

7460788

REGISTER'S OFFICE
Milwaukee County, WI } ss
RECORDED AT 1:15 PM
DEC 1 1 1997 1085 To 1089
REEL 4200 IMAGE INCL.
REGISTER OF DEEDS

WISCONSIN BURT J. NAUMANN S-1950 HARTFORD, WISCONSIN LAND SURVEYOR

7-23-97
REV. 12-11-97

THIS INSTRUMENT DRAFTED BY: Burt J. Naumann RLS No. S-1950

REEL 4200 IMAG 1089

CERTIFIED SURVEY MAP NO. 6448

Being a part of the Northwest 1/4, the Northeast 1/4, the Southeast 1/4, and the Southwest 1/4 of the Southwest 1/4 of Section 6, Township 7 North, Range 21 East, in the City of Wauwatosa, Milwaukee County, Wisconsin.

CORPORATION OWNER'S CERTIFICATE

Union Pacific Railroad Corporation, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, as owner, does hereby certify that said corporation caused the land described on this map to be surveyed, divided, and mapped as represented on this map.

WITNESS:

Daniel Drake

Keith Eich, ~~President~~ MBM

John W. Holm, Vice President

STATE OF WISCONSIN)
) SS
WAUKESHA COUNTY)

Personally came before me this 10th day of December 1997, Keith Eich, and John W. Holm of the above-named corporation, to me known to be officers of said corporation and acknowledged that they executed the foregoing instrument as such officers as the deed of said corporation, by its authority.

NOTARY PUBLIC, STATE OF WISCONSIN

My Commission Expires: 9/9/2001

PLANNING COMMISSION APPROVAL:

Approved by the Planning Commission of the City of Wauwatosa on this 7 day of July, 1997.

Chairman Maricolette Walsh

Secretary Gordon M. Rozmus

COMMON COUNCIL APPROVAL:

Approved by the Common Council of the City of Wauwatosa, in accordance with the Resolution adopted on 7/15/97, this 11 day of December, 1997.

City Clerk Janice M. Simonsen

Deputy City Clerk Carla A. Ledesma

WISCONSIN
BURT J. NAUMANN
S-1950
HARTFORD, WISCONSIN
LAND SURVEYOR

7-23-97 REV. 12-11-97

THIS INSTRUMENT DRAFTED BY: Burt J. Naumann, RLS No. S-1950

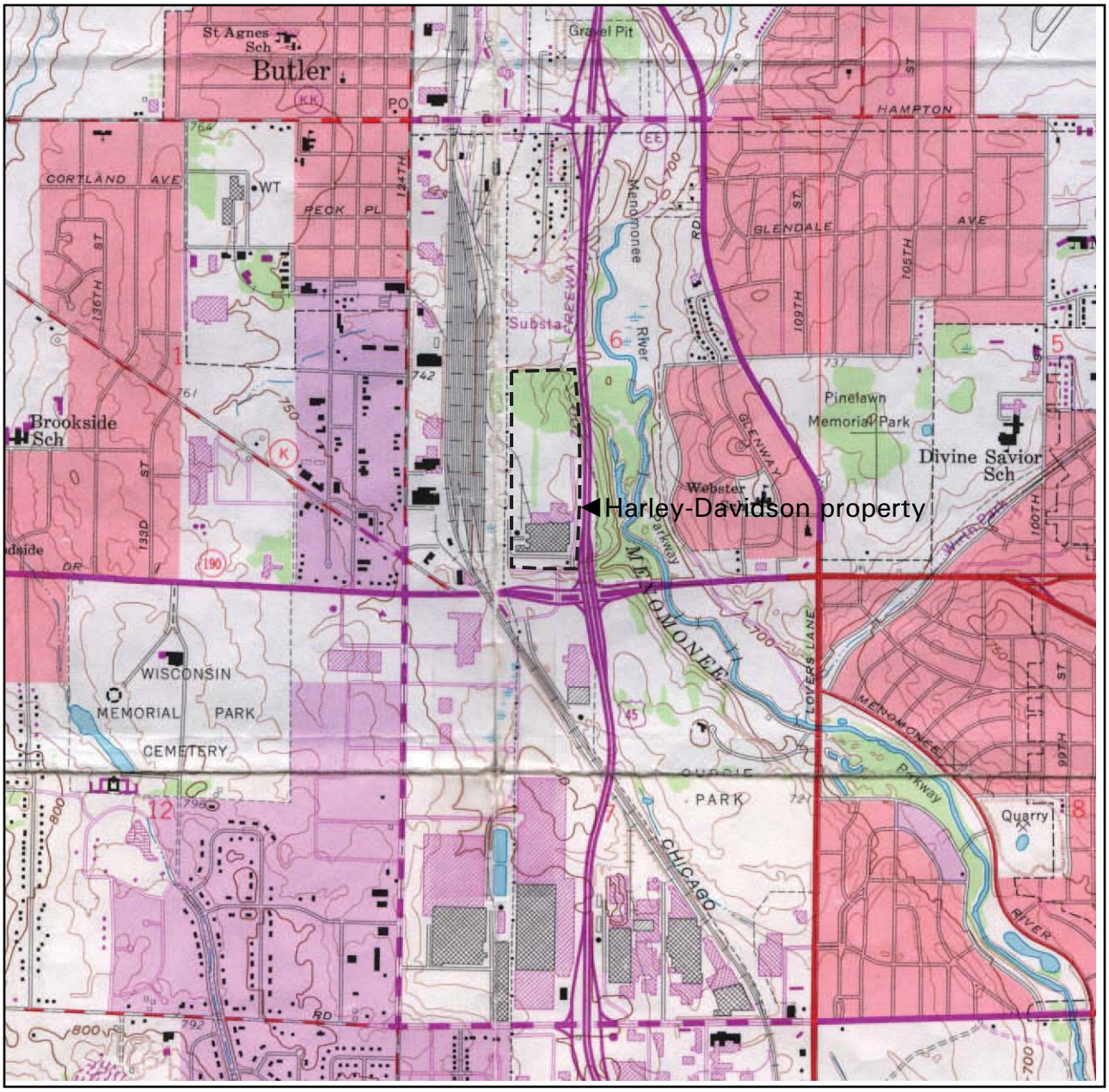
STATEMENT BY RESPONSIBLE PARTY

Harley-Davidson Motor Company, the responsible party for the property located at 11700 West Capitol Drive, Wauwatosa, Wisconsin states that the legal description provided to the Wisconsin Department of Natural Resources in this case closure request and Geographic Information System (GIS) Registry packet for WDNR BRRTS #02-41-186123 is complete and accurate to the best of our knowledge.

Signature of Representative for Responsible Party

Harley-Davidson Motor Co.

8/22/08
Date



SE ¼ of the SW ¼ of Sec. 6, T7N, R21E Adapted from U.S.G.S. 7.5 minute series, Wauwatosa, Wisconsin, quadrangle dated 1958 (photorevised 1971, photoinspected 1976).

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

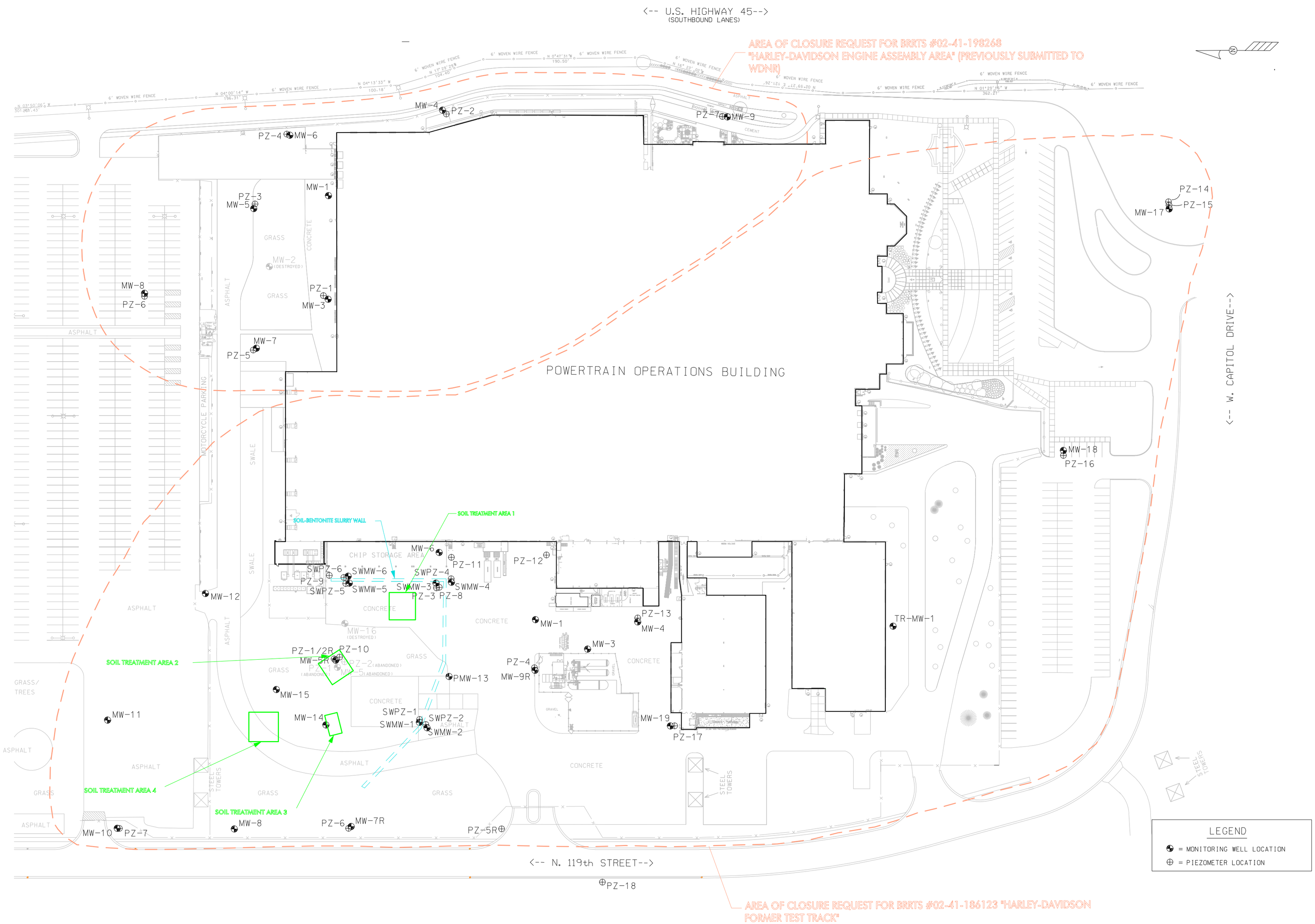
1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

N

Figure 1. Site Location Map
Harley-Davidson Capitol Drive Facility
11700 W. Capitol Dr., Wauwatosa, Wisconsin

THE SIGMA GROUP
Single Source. Sound Solutions.



NOTE:
1. WELL LOCATIONS SURVEYED BY SIGMA DEVELOPMENT, INC., EXCEPT FOR PZ-2 AND PZ-3 ON UNION PACIFIC RAILROAD PROPERTY.

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, Wisconsin 53233
Phone: 414-643-4200
Fax: 414-643-4210

SCALE – 1" = 80'–0" 0' 40' 80' 120' 160'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	SJGJ	09/10/09
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY- DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
SITE LAYOUT MAP - FORMER TEST TRACK CLOSURE REQUEST

DRAWING NUMBER
5512–098

Figure 1

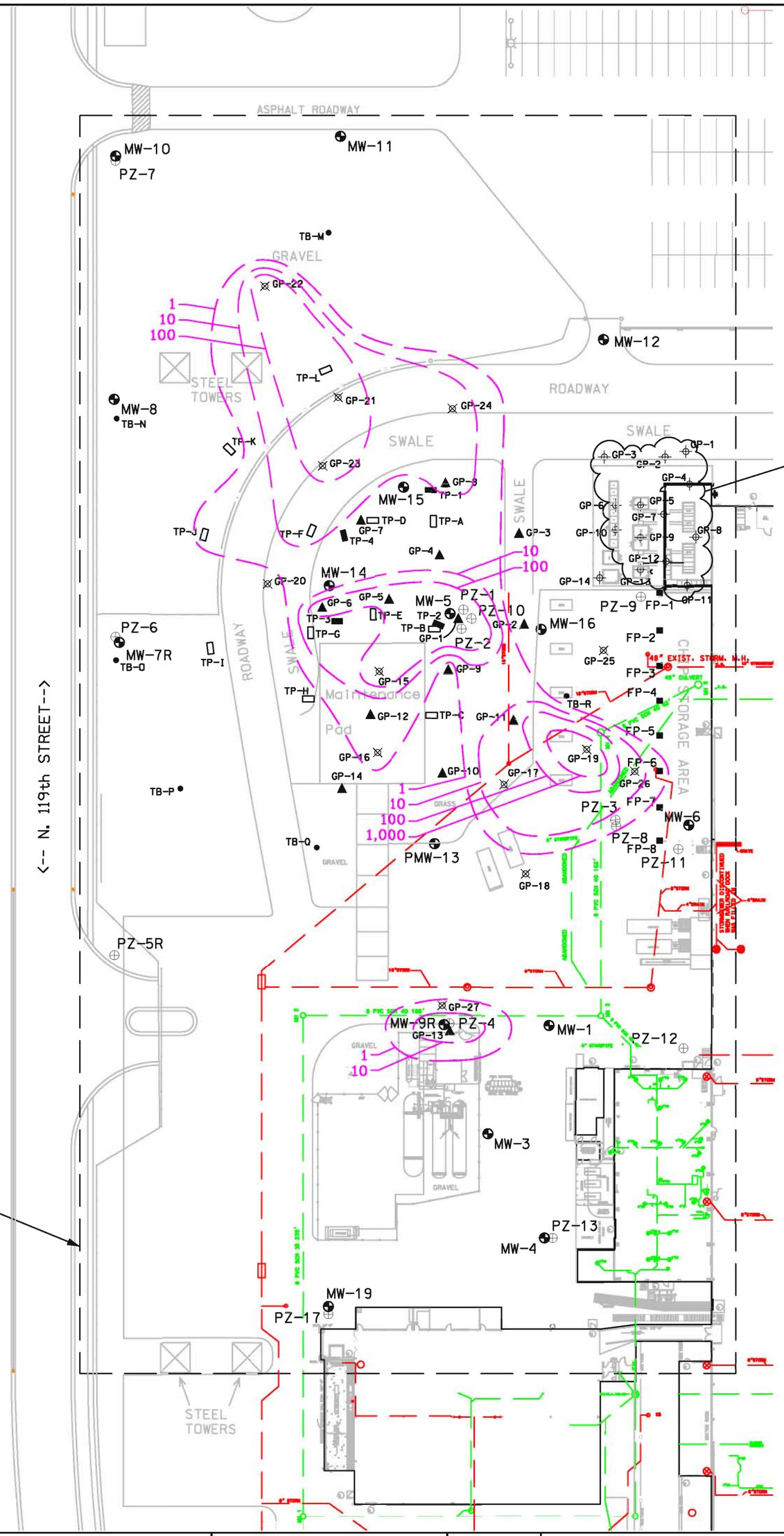
K:\HARLEY\5512-Drawings 76-100\5512-098.dwg, FTT CLOSURE, 9/10/2009 10:51:17 AM, ANSI full bleed C (22.00 x 17.00 Inches), 1:1

SOIL QUALITY RESULTS

SAMPLE LOCATION	DEPTH (ft. bgs)	cis-1,2-DI-CHLORO-ETHENE (ug/kg)	TRICHLORO-ETHENE (ug/kg)
TP-1	6-8	149	1,170
	11	329	447
TP-2	6-8	1,380	184,000
	13	2,940	45,900
	15	<29	513
TP-3	8	2,260	1,190
	14	30	767
TP-4	4-6	270	1,160
	8	234	2,110
	13.5	<29	654
GP-1	0-2	<29	349
	6-8	<5,770	450,000
GP-2	4-6	<29	<29
GP-3	2-4	<30	47
	8-10	<30	<30
GP-4	4-6	418	174
	6-8	1,160	688
GP-5	6-8	14,800	49,300
	8-10	11,400	201,000
GP-6	6-8	3,990	19,300
	8-10	6,540	392,000
GP-7	2-4	51	177
GP-8	2-4	<29	888
	6-8	2,020	13,000
GP-9	0-2	<32	142
	2-4	<29	282
GP-10	4-6	152	373
GP-11	0-2	43	125
	4-6	957	13,200
GP-12	1-2	<31	<31
	6-8	554	4,010
GP-13	2-4	1,150	17,500
	4-6	10,600	25,600
GP-14	0-2	<29	<29
GP-15	6-8	7,340	<57
	10-12	47,200	118,000
	16-18	94	49
GP-16	6-8	77	1,170
	10-12	100	44
GP-17	2-4	23,300	34,900
	4-6	19,800	69,800
	14-16	46	<30
GP-18	4-6	29	<28
	8-10	49	<29
GP-19	4-6	128,000	1,740,000
	10-12	16,800	144,000
	14-16	121	42
GP-20	2-4	<30	<30
	6-8	<29	<29
GP-21	8-10	6,000	2,700
	10-12	7,350	202,000
	16	976	<29
GP-22	2-4	4,080	132
	6-8	32,700	121,000
	14-16	<30	<30
GP-23	2-4	1,600	46,900
	6-8	15,800	722,000
	16-20	285	2,970
GP-24	6-8	5,810	55,800
	8-12	4,560	21,600
	12-16	<30	50
GP-25	4-6	1,170	<30
GP-26	6-8	44,600	93,900
	10-12	40,700	<325
GP-27	4-6	3,560	1,610
MW-10	10-12	<1.1	<1.1
	12.5-14.5	<1.1	<1.1
MW-11	7.5-9.5	1.2	2.3
	12.5-14.5	<1.2	<1.2
MW-12	5-7	<1.2	<1.2
	10-12	<1.1	<1.1
MW-14	5-7	34	290
	7.5-9.5	4.8	96
MW-15	5-7	10	260
	7.5-9.5	140	8,900
MW-16	7.5-9.5	<1.2	<1.2
	10-12	3.5	47
PMW-13	6-8	110	340
	12-14	4.4	6.6

(ft. bgs) = FEET BELOW GROUND SURFACE
(ug/kg) = MICROGRAMS PER KILOGRAM

NOTES:
1. GEOPROBE SOIL BORING LOCATIONS (GP-1 THROUGH GP-14 [12/01 AND 1/02]) HAVE NOT BEEN SURVEYED. LOCATIONS MEASURED RELATIVE TO EXISTING SITE FEATURES.
2. TEST PIT LOCATIONS (TP-A THROUGH TP-L), TEST BORINGS (TB-M THROUGH TB-R), AND FOOTING PITS (FPT-1 THROUGH FP-8) TAKEN FROM COOPER FIGURE 3-2 IN "SITE INVESTIGATION SUMMARY" REPORT.
3. WELL LOCATIONS, GEOPROBE SOIL BORINGS GP-15 THROUGH GP-27, AND TEST PITS TP-1 THROUGH TP-4 HAVE BEEN SURVEYED BY SIGMA DEVELOPMENT.



FORMER TEST TRACK INVESTIGATION AREA

GP-1 THROUGH GP-13
MULTIPLE SAMPLES COLLECTED AT 0'-2', 2'-4', OR 4'-6'
TCE AND cis-1,2-DCE BELOW DETECTION LIMIT
(27 TO 31 ug/kg)

SOIL QUALITY RESULTS

SAMPLE LOCATION	DEPTH (ft. bgs)	cis-1,2-DI-CHLORO-ETHENE (ug/kg)	TRICHLORO-ETHENE (ug/kg)
GP-14	0-2	<29	172
TP-A	4-6	2.2	58
	6-8	89	190
TP-B	6-8	120	130,000
	8-10	11	1,000
TP-C	2-4	49	100
	4-6	65	350
TP-D	4-6	8	80
	6-8	40	1,700
TP-E	8-10	23	140
	10-12	2,700	830
TP-F	6-8	80	12,000
	8-10	220	71,000
TP-G	6-8	1,700	40,000
	8-10	140	160
TP-H	4-6	16	81
	6-8	14	300
TP-I	6-8	7	77
	8-10	16	240
TP-J	2-4	12	31
	4-6	20	1,400
TP-K	2-4	27	18
	4-6	1.2	14
TP-L	2-4	15	3,700
	4-6	41	4,900
TB-M	1-3	340	49
	4-6	4,600	390
TB-N	1-3	<1	<1
	4-6	<1	4.4
TB-O	1-3	<1	39
	4-6	<1	2,600
TB-P	1-3	2,200	1,000
	4-6	1,500	33
TB-Q	1-3	<1	6.1
	4-6	<1	<1
TB-R	1-3	790	33
	4-6	1,300	880
FP-1	5.5	6.4	<1
FP-2	4.75	44	<1
FP-3	4.25	390	10
FP-4	4	2,100	15
FP-5	4.25	1,500	56
FP-6	4	5,800	1,800
FP-7	4	690	210
FP-8	4	52	15

(ft. bgs) = FEET BELOW GROUND SURFACE
(ug/kg) = MICROGRAMS PER KILOGRAM

ANALYTICAL KEY

TCE = TRICHLOROETHENE (ug/kg)
cis-1,2-DCE = cis-1,2-DICHLOROETHENE (ug/kg)
= TCE ISOCONCENTRATION CONTOUR (mg/kg)
ug/kg = MICROGRAMS PER KILOGRAM
mg/kg = MILLIGRAMS PER KILOGRAM

LEGEND

= MONITORING WELL LOCATION
= PIEZOMETER LOCATION
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - DECEMBER 2001)
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - JAN. 2002)
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - APRIL 2003)
= TEST PIT LOCATION (COMPLETED BY COOPER - DEC. 1993/ JAN. 1994)
= TEST PIT LOCATION (COMPLETED BY SIGMA - APRIL 2003)
= TEST BORING LOCATION (COMPLETED BY COOPER - JUNE 1994)
= FOOTING PIT LOCATION (COMPLETED BY COOPER - SEPT. 1994)
= SANITARY SEWER LINE (GREEN)
= STORM SEWER LINE (RED)

THE SIGMA GROUP
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Fax: 414-643-4210

SCALE – 1" = 600'
0' 300' 600' 900' 1,200'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	JRM	08/08/08
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
FTT SOIL QUALITY MAP

DRAWING NUMBER
5512-033

Figure 6

Soil Treatment Area:		Soil Treatment Area #4									
		Pre-Remediation Data				Post-Soil Mixing Data					Percent Reduction
Soil Sample Location:		GP-23			Average	North 1/4	East 1/4	South 1/4	West 1/4	Average	
Sample Depth (feet bgs):		2 - 4	6 - 8	16 - 20	---	8	8	8	8	---	---
Date:		4/9/03	4/9/03	4/9/03	---	5/27/04	5/27/04	5/27/04	5/27/04	---	---
CVOCs & Detected VOCs (based on post-soil mixing results)											
Trichloroethene	µg/kg	46,900	722,000	2,970	**384,450**	6,600	11,700	6,960	9,920	**8,795**	**97.71**
cis-1,2-Dichloroethene	µg/kg	1,600	15,800	285	**8,700**	<65	<149	<64	<64	**<86**	**>99.0**
trans-1,2-Dichloroethene	µg/kg	<29	<1,350	<29	**<690**	<65	<149	<64	<64	**<86**	---
Vinyl Chloride	µg/kg	<40	<2,030	<40	**<1,035**	<91	<224	<90	<89	**<124**	---
1,1,1-Trichloroethane	µg/kg	<29	<1,350	<29	**<690**	466	<149	<64	78	**163**	---
1,2,4-Trimethylbenzene	µg/kg	<29	<1,350	<29	**<690**	194	211	219	229	**213**	---

Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. Soil Mixing Area #4 extended to a depth of approximately 14 feet below ground surface
3. Gray pre-remediation soil data is below mixing zone and not included in averages.

SOIL TREATMENT AREA 4

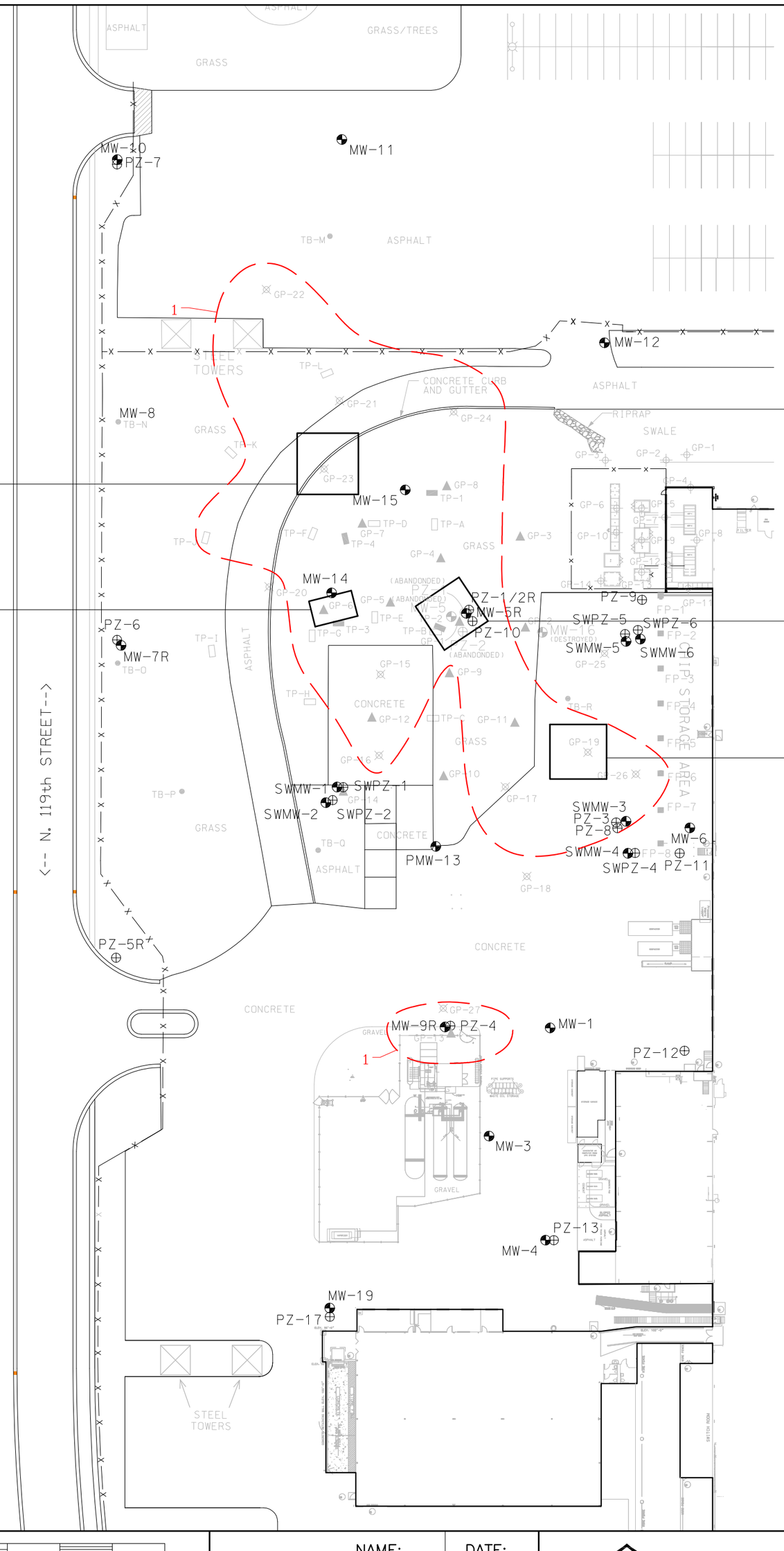
35'x 35'x 10' (4' - 14' bgs) = 455 CUBIC YARDS

SOIL TREATMENT AREA 3

15'x 25'x 9' (4' - 13' bgs) = 125 CUBIC YARDS

Soil Treatment Area:		Soil Treatment Area #3						
		Pre-Remediation Data			Post-Soil Mixing Data			Percent Reduction
Soil Sample Location:		GP-6		Average	South 1/2	North 1/2	Average	
Sample Depth (feet bgs):		6 - 8	8 - 10	---	6	7	---	---
Date:		2/12/02	2/12/02	---	6/1/04	6/1/04	---	---
CVOCs & Detected VOCs (based on post-soil mixing results)								
Trichloroethene	µg/kg	19,300	392,000	**205,650**	3,550	2,360	**2,955**	**98.56**
cis-1,2-Dichloroethene	µg/kg	3,990	6,540	**5,265**	184	209	**197**	**96.27**
trans-1,2-Dichloroethene	µg/kg	<605	<2,970	**<1,788**	<33	<33	**<33**	---
Vinyl Chloride	µg/kg	<605	<2,970	**<1,788**	<46	<46	**<46**	---
1,1,1-Trichloroethane	µg/kg	<605	<2,970	**<1,788**	<33	34	**25**	---
1,2,4-Trimethylbenzene	µg/kg	<605	<2,970	**<1,788**	74	81	**78**	---

Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. Soil Mixing Area #3 extended to a depth of approximately 13 feet below ground surface



Soil Treatment Area:		Soil Treatment Area #2												
		Pre-Remediation Data								Post-Soil Mixing Data				Percent Reduction
Soil Sample Location:		GP-1		TP-2			TP-B		Average	South 1/4	East 1/4	North 1/4	Average	
Sample Depth (feet bgs):		0 - 2	6 - 8	6 - 8	13	15	6 - 8	8 - 10	---	6	6	6	---	---
Date:		2/12/02	2/12/02	4/9/03	4/9/03	4/9/03	12/13/93	12/13/93	---	5/28/04	5/28/04	5/28/04	---	---
CVOCs & Detected VOCs (based on post-soil mixing results)														
Trichloroethene	µg/kg	349	450,000	184,000	45,900	513	130,000	1,000	**135,208**	9,660	3,100	6,100	**6,287**	**95.35**
cis-1,2-Dichloroethene	µg/kg	<29	<5,770	1,380	2,940	<29	120	11	**1,225**	1,110	<32	312	**479**	**60.90**
trans-1,2-Dichloroethene	µg/kg	<29	<5,770	<29	<29	<29	<1.2	<1.2	**<977**	<157	<32	<65	**<85**	---
Vinyl Chloride	µg/kg	<29	<5,770	<40	<41	<41	<3.6	<3.6	**<981**	<235	<45	<91	**<124**	---
1,1,1-Trichloroethane	µg/kg	<29	<5,770	<29	<29	<29	<1.2	<1.2	**<977**	<157	<32	<65	**<85**	---
1,2,4-Trimethylbenzene	µg/kg	<29	<5,770	<29	<29	<29	<1.2	<1.2	**<977**	<157	<32	<65	**<85**	---

Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. Soil Mixing Area #2 extended to a depth of approximately 13 feet below ground surface
3. Gray pre-remediation soil data is below mixing zone and not included in averages.

SOIL TREATMENT AREA 2

30'x 30'x 9' (4' - 13' bgs) = 300 CUBIC YARDS

SOIL TREATMENT AREA 1

30'x 30'x 12' (0' - 12' bgs) = 400 CUBIC YARDS

Soil Treatment Area:		Soil Treatment Area #1								
		Pre-Remediation Data				Post-Soil Mixing Data				Percent Reduction
Soil Sample Location:		GP-19			Average	East 1/3	Center 1/3	West 1/3	Average	
Sample Depth (feet bgs):		4 - 6	10 - 12	14 - 16	---	2	2	2	---	---
Date:		4/8/03	4/8/03	4/8/03	---	6/1/04	6/1/04	6/1/04	---	---
CVOCs & Detected VOCs (based on post-soil mixing results)										
Trichloroethene	µg/kg	1,740,000	144,000	42	**942,000**	1,690	1,540	1,870	**1,700**	**99.82**
cis-1,2-Dichloroethene	µg/kg	128,000	16,800	121	**72,400**	<33	32	43	**31**	**99.96**
trans-1,2-Dichloroethene	µg/kg	186	<30	<28	**101**	<33	<32	<36	**<34**	**>66.3**
Vinyl Chloride	µg/kg	<209	<42	<39	**<126**	<46	<45	<50	**<47**	---
1,1,1-Trichloroethane	µg/kg	1,390	<30	<28	**703**	81	79	130	**97**	**86.25**
1,2,4-Trimethylbenzene	µg/kg	3,830	<30	<28	**1,923**	91	100	110	**100**	**94.78**

Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. Soil Mixing Area #1 extended to a depth of approximately 12 feet below ground surface
3. Gray pre-remediation soil data is below mixing zone and not included in averages.

ABREVIATION KEY

CB = CATCH BASIN
MH = MANHOLE

LEGEND

= MONITORING WELL LOCATION
= PIEZOMETER LOCATION
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - DECEMBER 2001)
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - JAN. 2002)
= GEOPROBE BORING LOCATION (COMPLETED BY SIGMA - APRIL 2003)
= TEST PIT LOCATION (COMPLETED BY COOPER - DEC. 1993/ JAN. 1994)
= TEST PIT LOCATION (COMPLETED BY SIGMA - APRIL 2003)
= TEST BORING LOCATION (COMPLETED BY COOPER - JUNE 1994)
= FOOTING PIT LOCATION (COMPLETED BY COOPER - SEPT. 1994)
= TCE CONCENTRATION CONTOUR (1 43/64 g/kg)

NOTES:
1. GEOPROBE SOIL BORING LOCATIONS (GP-1 THROUGH GP-14 [12/01 AND 1/02]) HAVE NOT BEEN SURVEYED. LOCATIONS MEASURED RELATIVE TO EXISTING SITE FEATURES.
2. TEST PIT LOCATIONS (TP-A THROUGH TP-L), TEST BORINGS (TB-M THROUGH TB-R), AND FOOTING PITS (FPT-1 THROUGH FP-8) TAKEN FROM COOPER FIGURE 3-2 IN "SITE INVESTIGATION SUMMARY" REPORT.
3. WELL LOCATIONS, GEOPROBE SOIL BORINGS GP-15 THROUGH GP-27, AND TEST PITS TP-1 THROUGH TP-4 HAVE BEEN SURVEYED BY SIGMA DEVELOPMENT.

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SCALE – 1" = 600' 0' 300' 600' 900' 1200'

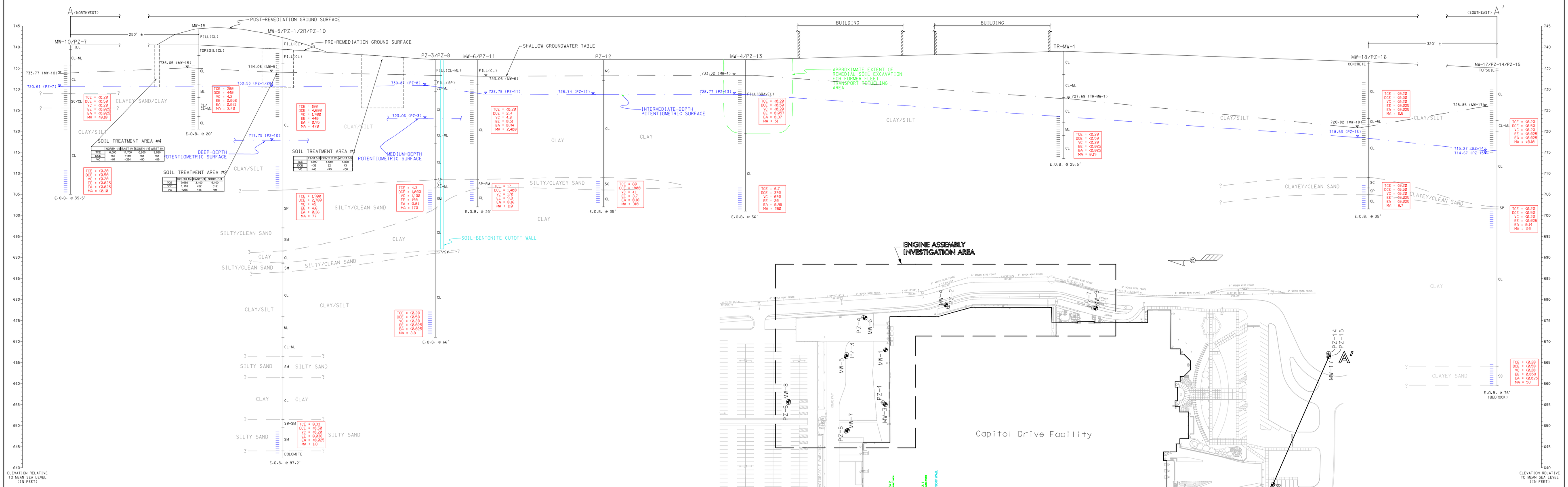
NO	DATE	REVISIONS	BY	APVD

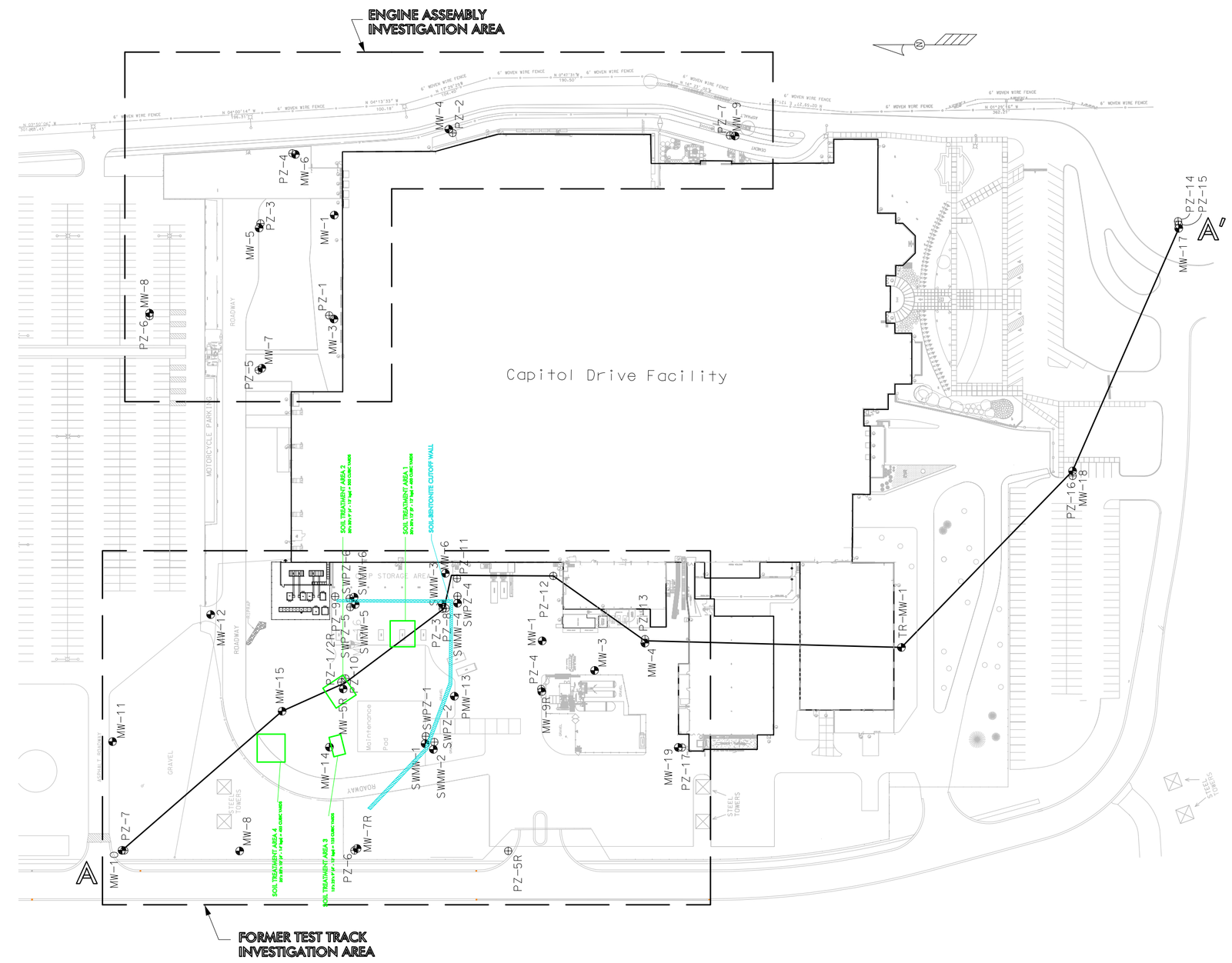
	NAME:	DATE:
DRAWN BY:	JRM	08-07-08
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
FTT SOIL TREATMENT AREAS MAP

DRAWING NUMBER
5512-060

FIGURE 6





GEOLOGIC CROSS SECTION LOCATION

NOTES:
HORIZONTAL SCALE = 1" = 40'
VERTICAL SCALE = 1" = 10'
1. STATIC GROUNDWATER ELEVATION SHOWN FOR JUNE 2008 SAMPLING EVENT.
2. GROUNDWATER QUALITY RESULTS SHOWN FOR JUNE 2008 SAMPLING EVEN. UNITS ARE IN MICROGRAMS PER LITER (ug/l).
3. POST-REMEDIATION SOIL QUALITY RESULTS SHOWN FROM MAY/JUNE 2004 SAMPLES: CONCENTRATIONS REPORTED IN MICROGRAMS PER KILOGRAM (%%up/%g)

LEGEND

- = STATIC WATER LEVEL
- = SHALLOW WELL SCREEN INTERVAL
- = PIEZOMETER SCREEN INTERVAL
- TCE = TRICHLOROETHENE
- DCE = cis-1,2-DICHLOROETHENE
- VC = VINYL CHLORIDE
- EE = ETHENE
- EA = ETHANE
- MA = METHANE

USCS LEGEND

- CL = CLAY
- CL-ML = CLAYEY SILT
- SC = CLAYEY SAND
- ML = SILT
- SP/SW = CLEAN SAND
- SM = SILTY SAND
- NS = NO SAMPLE

LEGEND

- MW = MONITORING WELL LOCATION
- PZ = PIEZOMETER LOCATION

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SCALE: SEE NOTES

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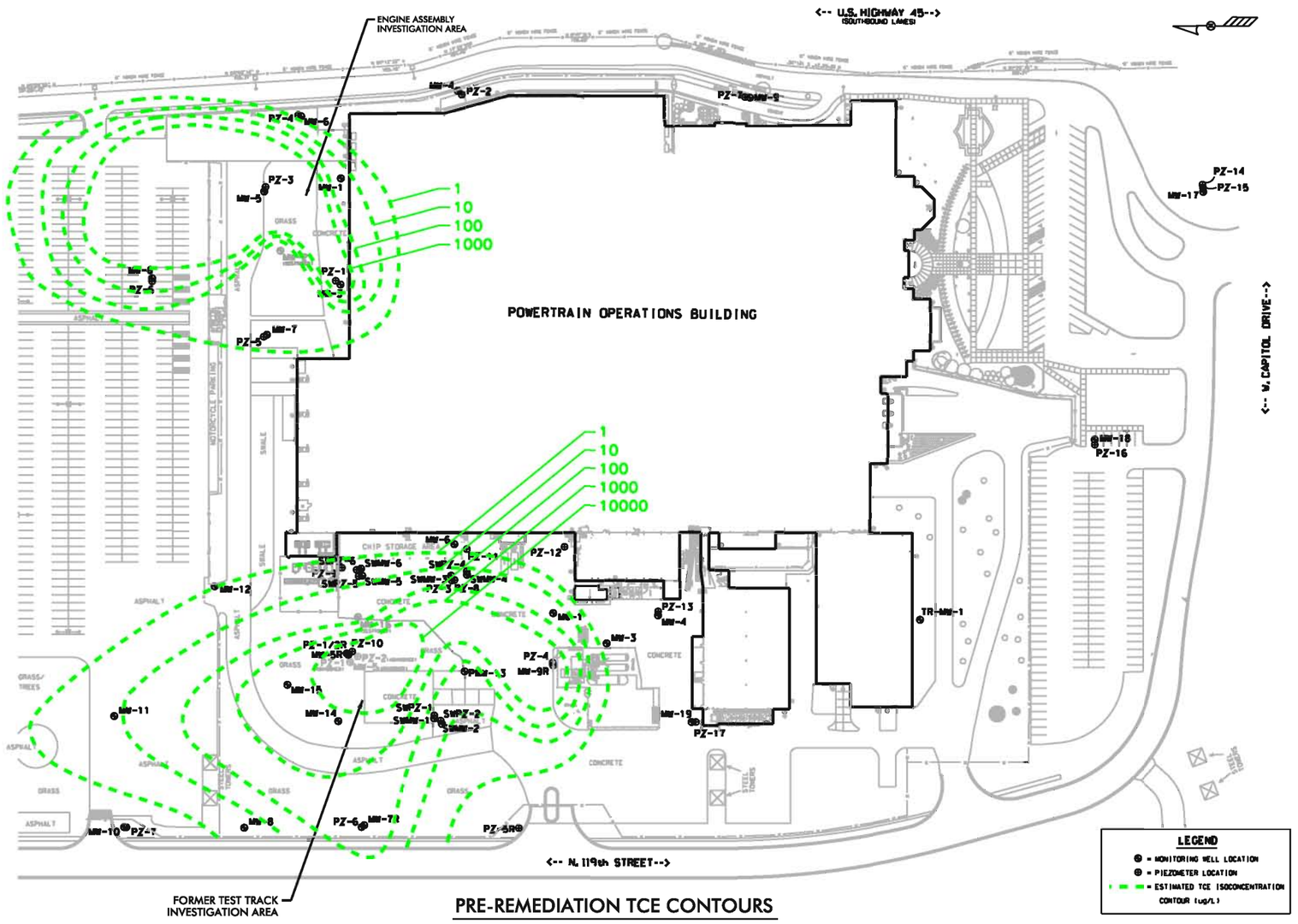
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

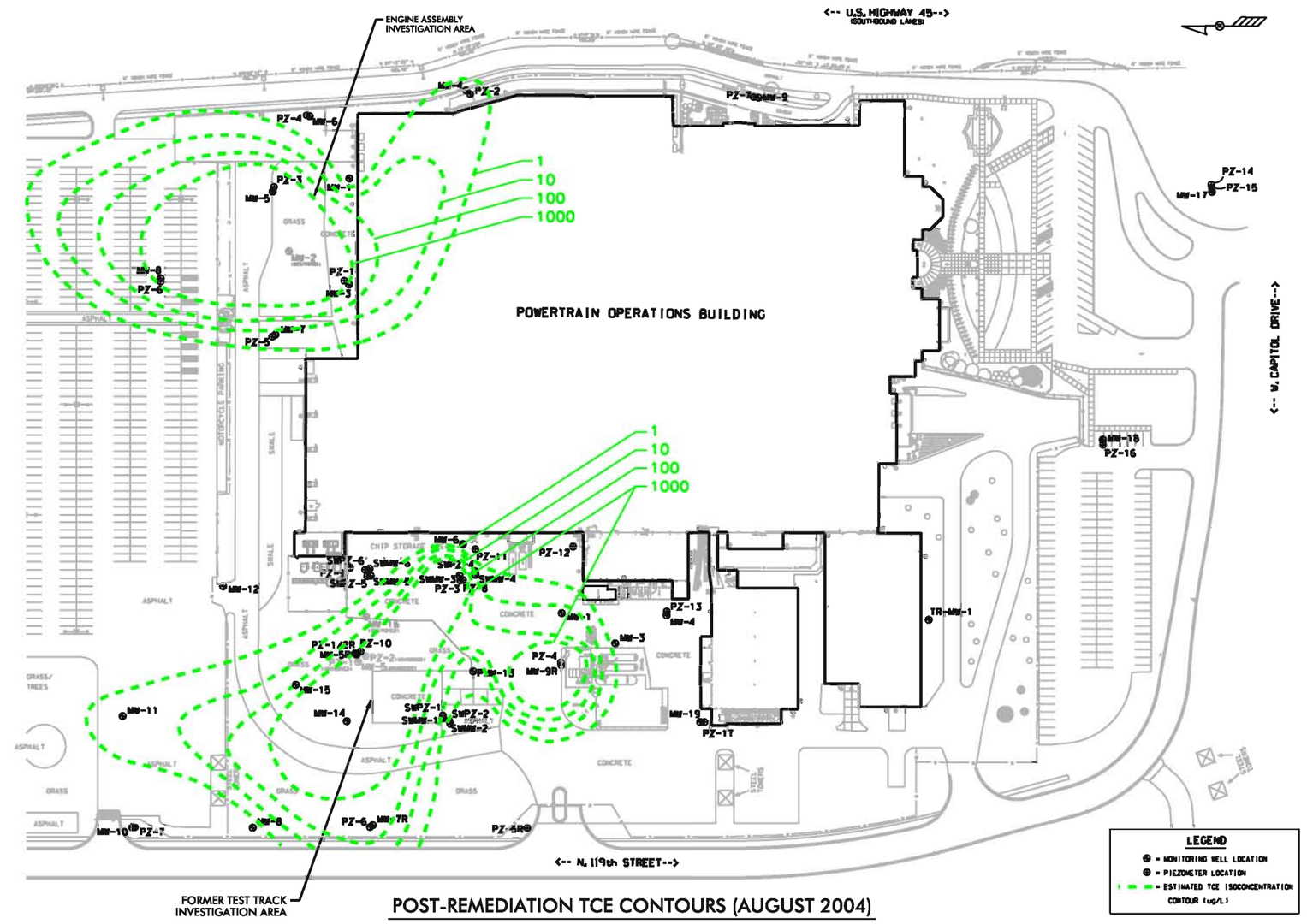
HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
POST-REMEDIATION GEOLOGIC CROSS SECTION A-A'

DRAWING NUMBER
5512-035-2

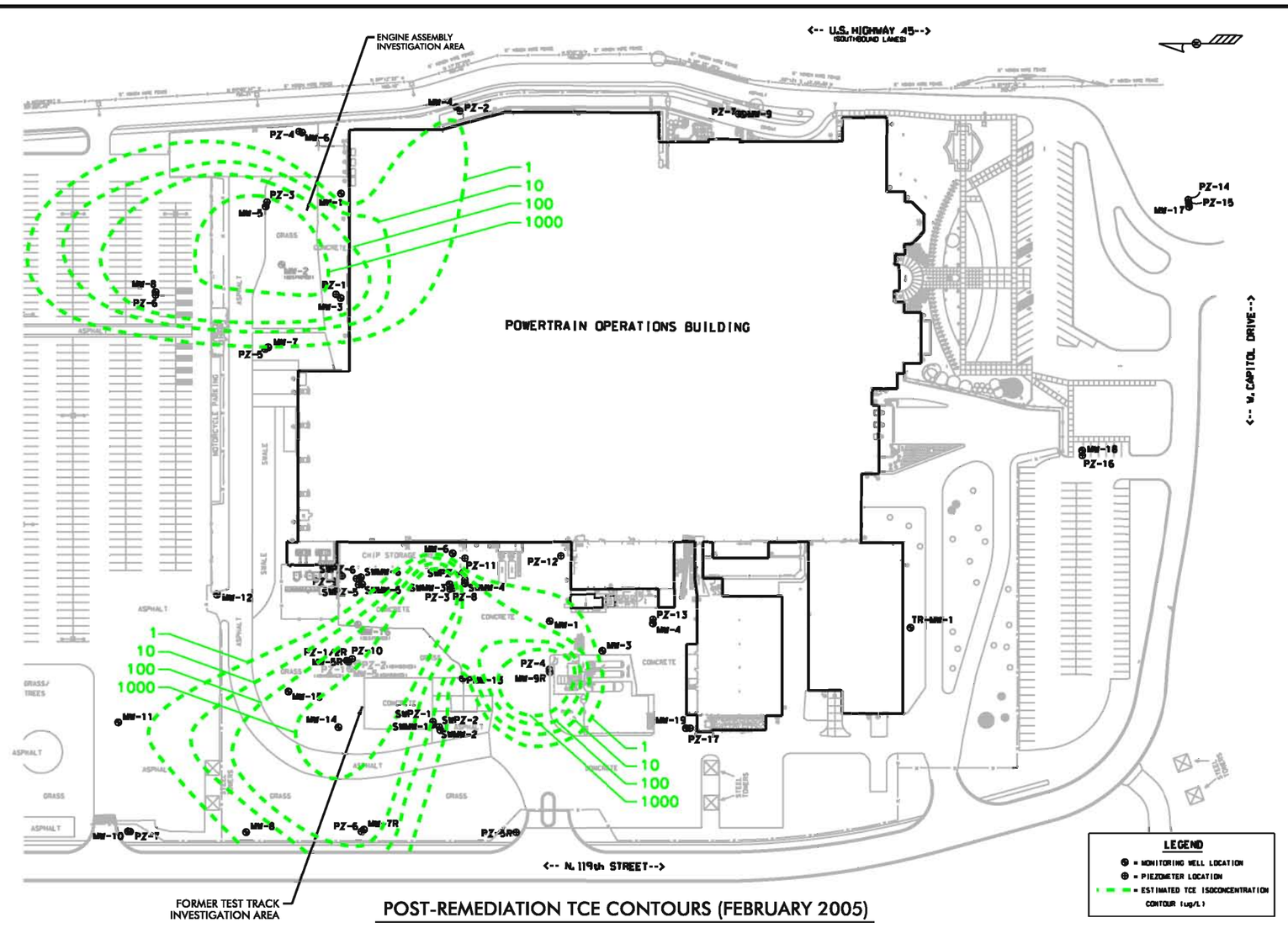
Figure 3



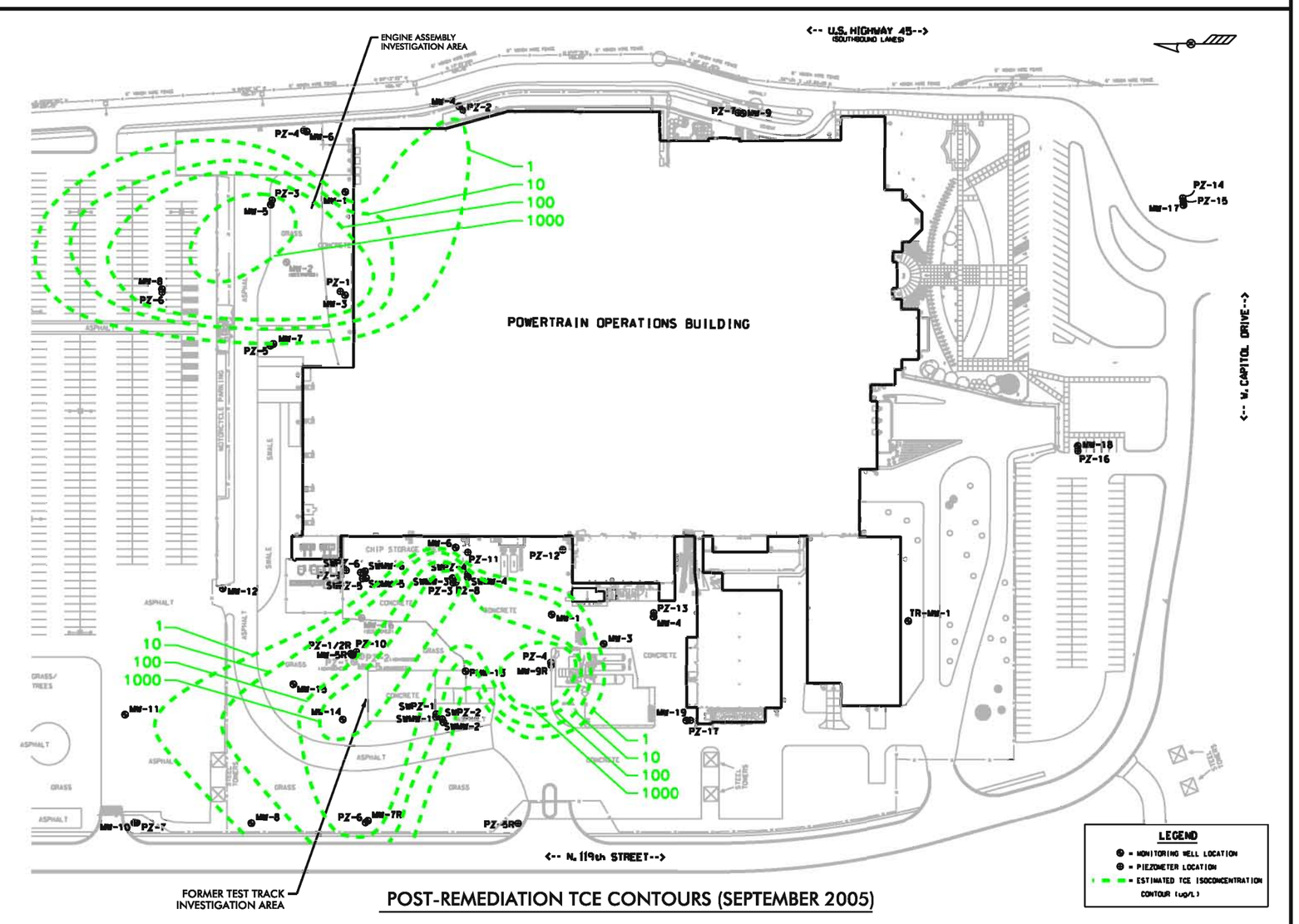
PRE-REMEDIATION TCE CONTOURS



POST-REMEDIATION TCE CONTOURS (AUGUST 2004)



POST-REMEDIATION TCE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION TCE CONTOURS (SEPTEMBER 2005)

SIGMA ENVIRONMENTAL SERVICES INC.
1300 W. CANAL STREET,
MILWAUKEE, WISCONSIN 53233
PHONE : (414) 643-4200
1-800-732-4671

SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

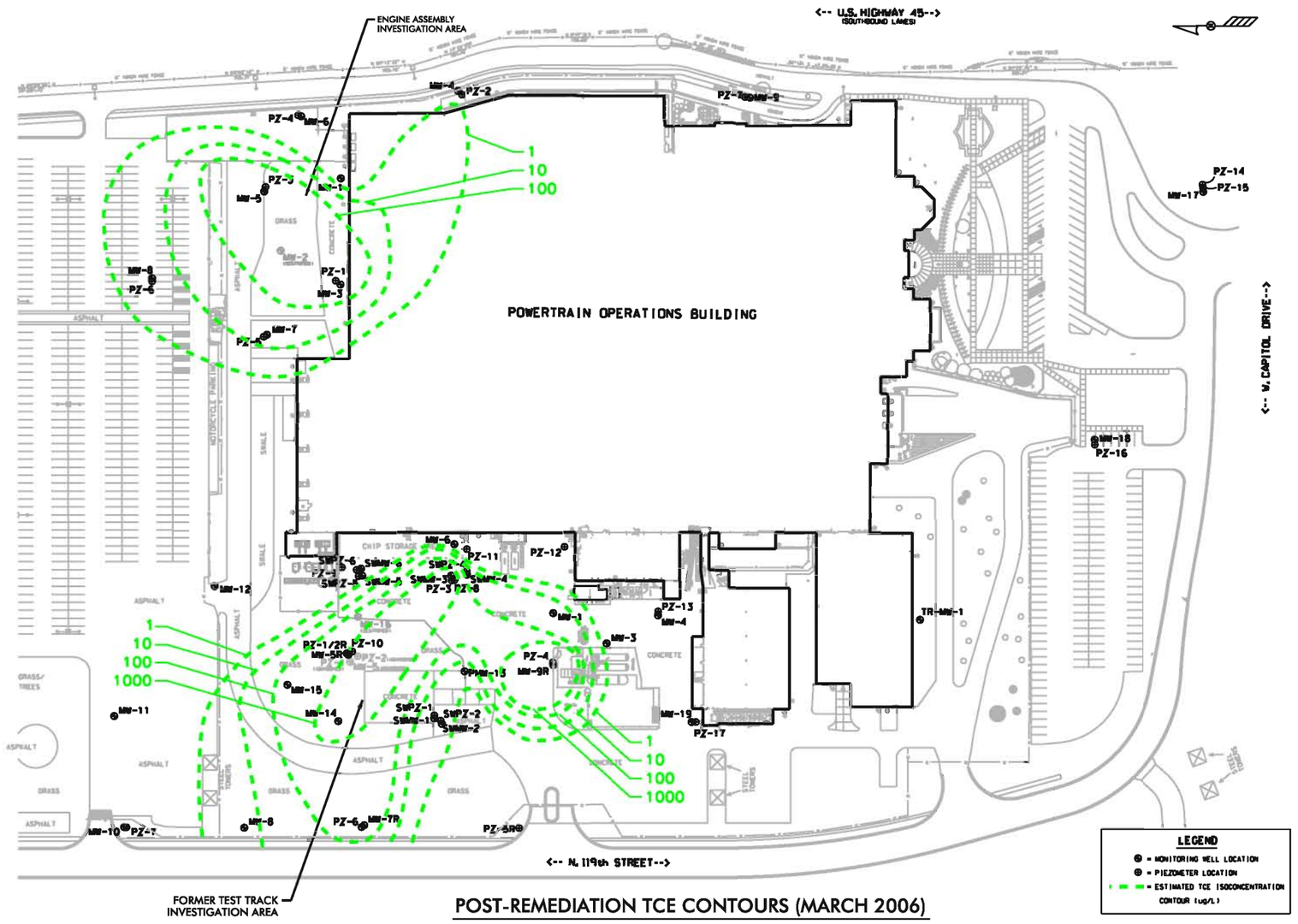
NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	1-4-05
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

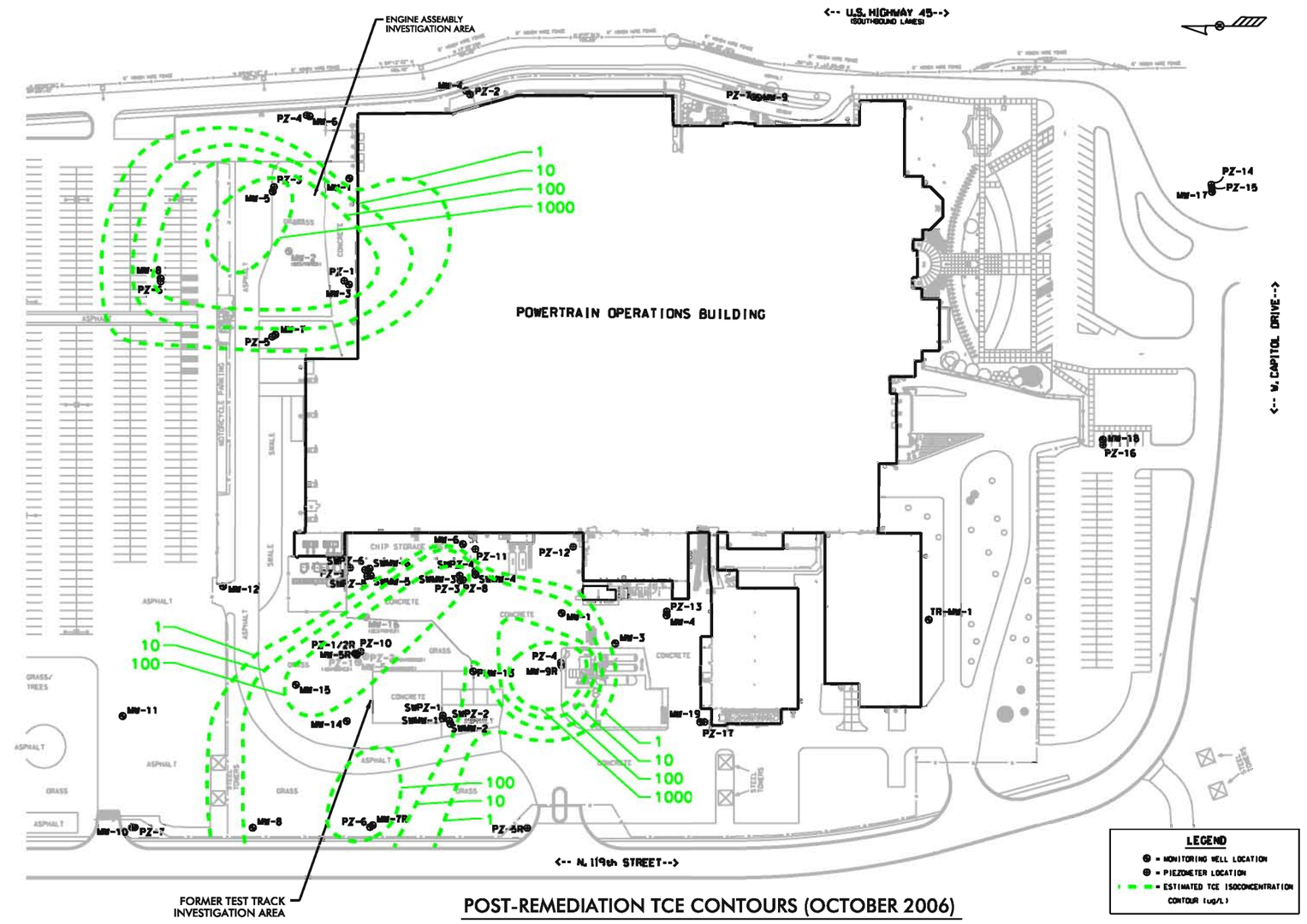
HARLEY- DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
TCE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-076

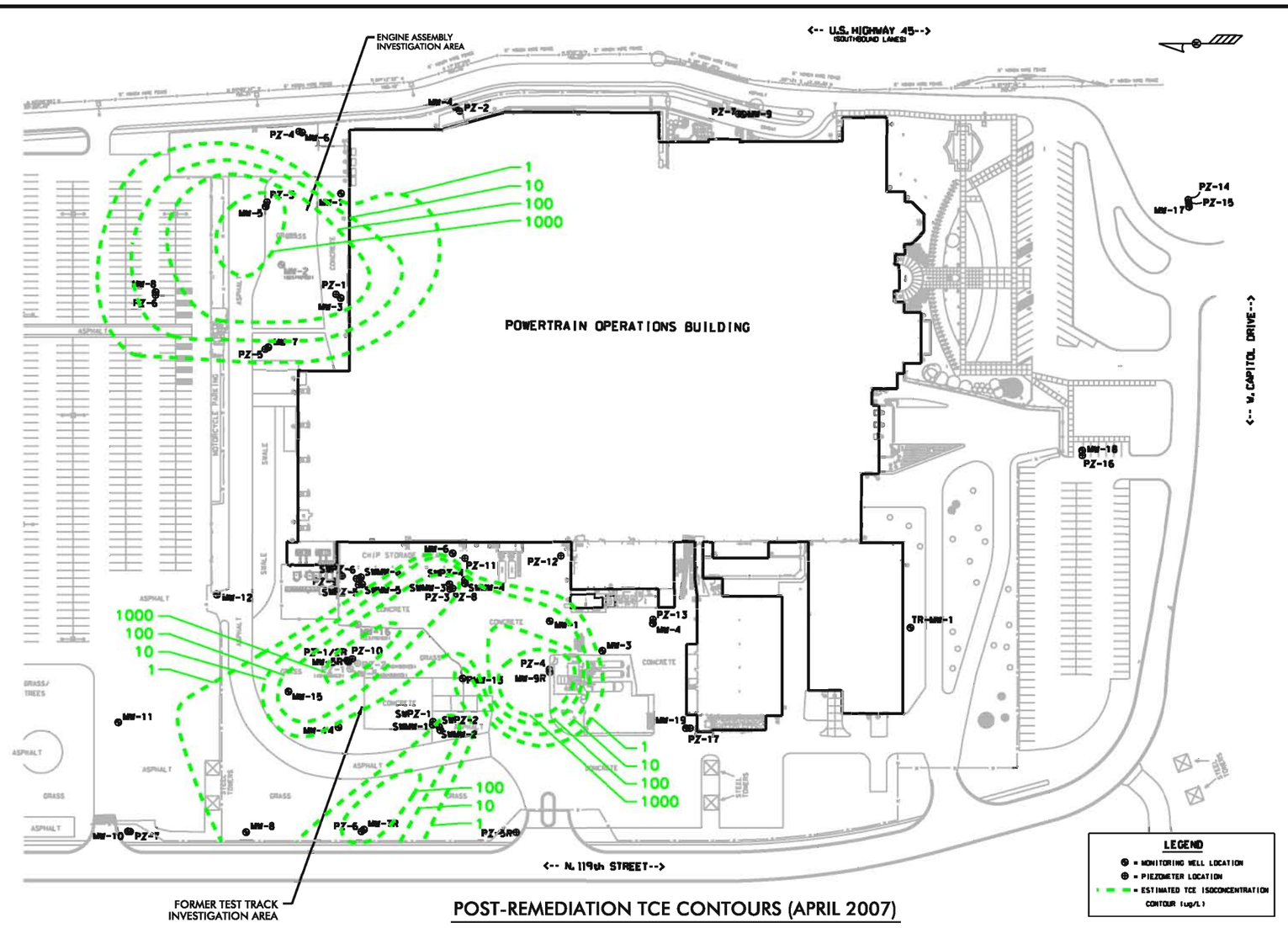
FIGURE 6A



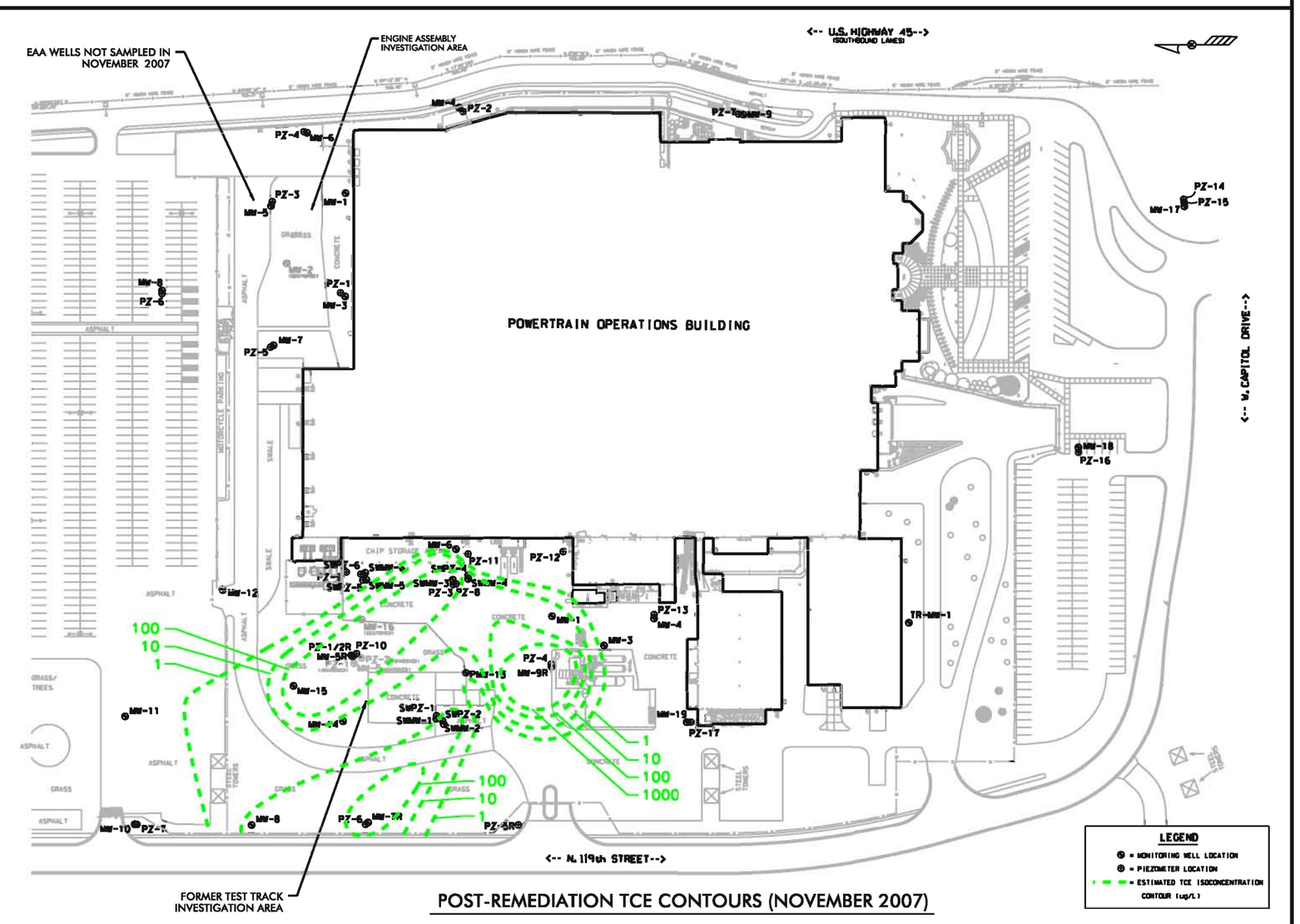
POST-REMEDIATION TCE CONTOURS (MARCH 2006)



POST-REMEDIATION TCE CONTOURS (OCTOBER 2006)



POST-REMEDIATION TCE CONTOURS (APRIL 2007)



POST-REMEDIATION TCE CONTOURS (NOVEMBER 2007)

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1300 W. CANAL STREET,
MILWAUKEE, WISCONSIN 53233
PHONE : (414) 643-4200
1-800-732-4671

SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

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DRAWN BY:	NKS	12-14-07
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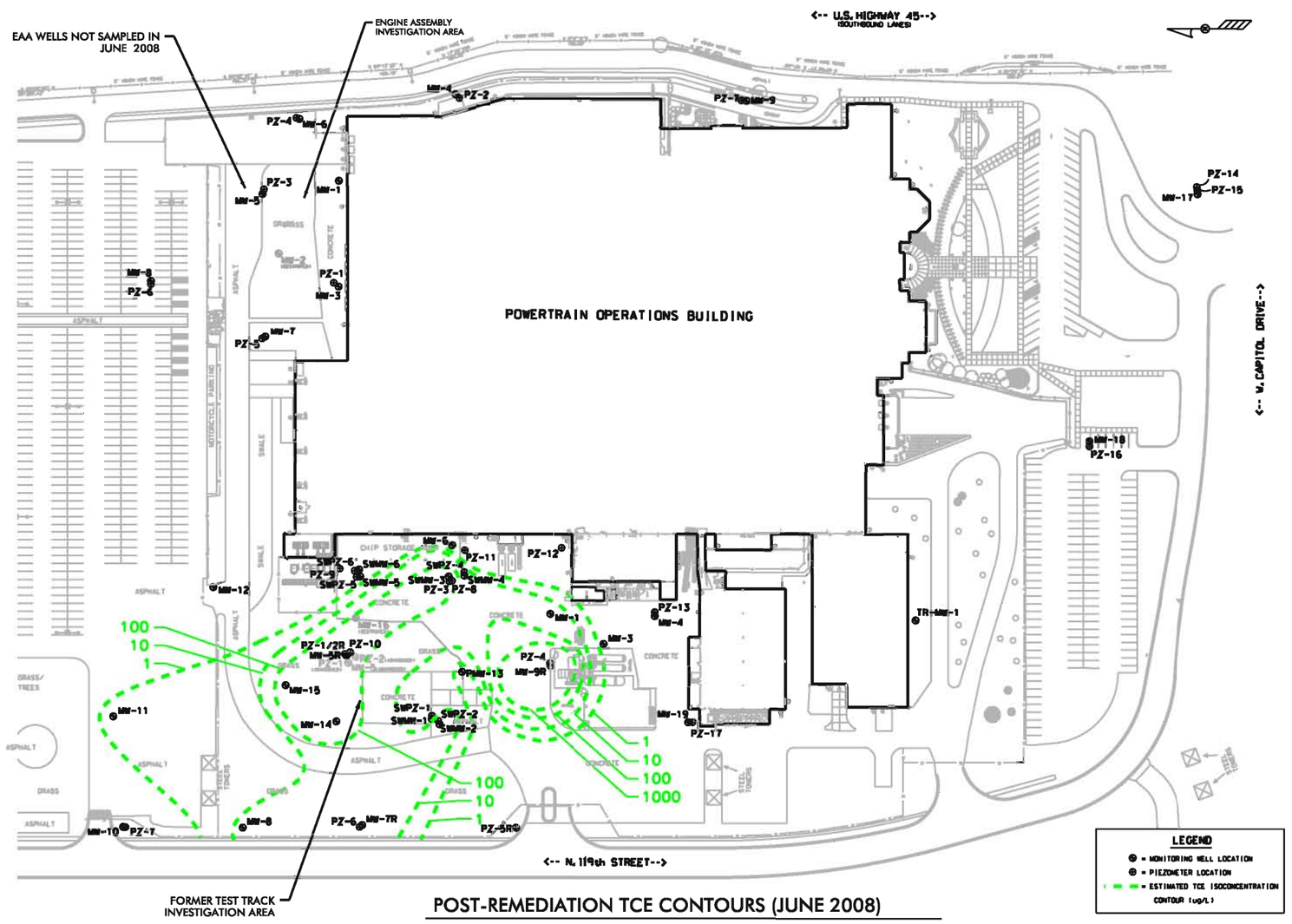
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
TCE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-086

FIGURE 6B



POST-REMEDIATION TCE CONTOURS (JUNE 2008)

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SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

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APPROVED BY:		

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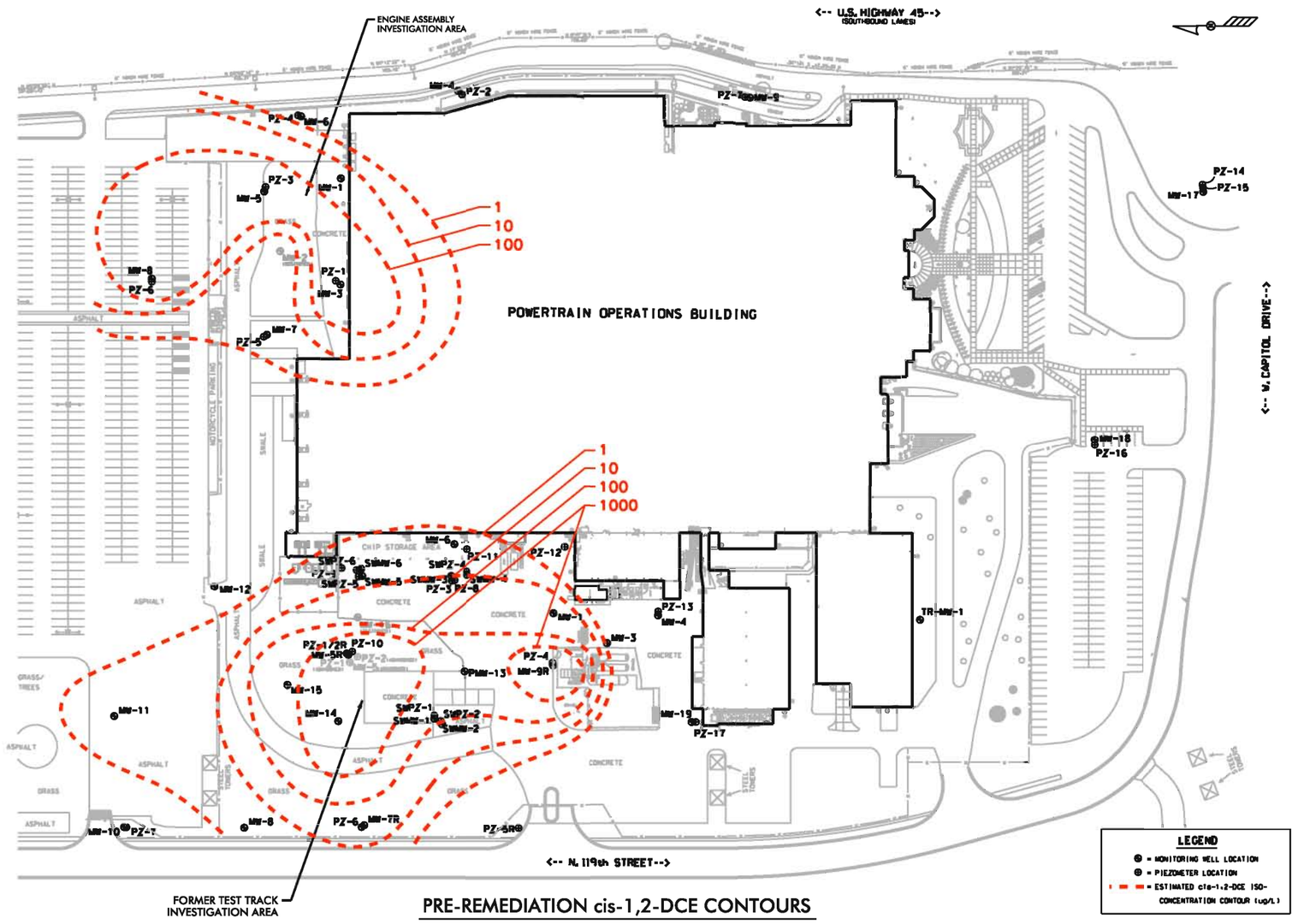
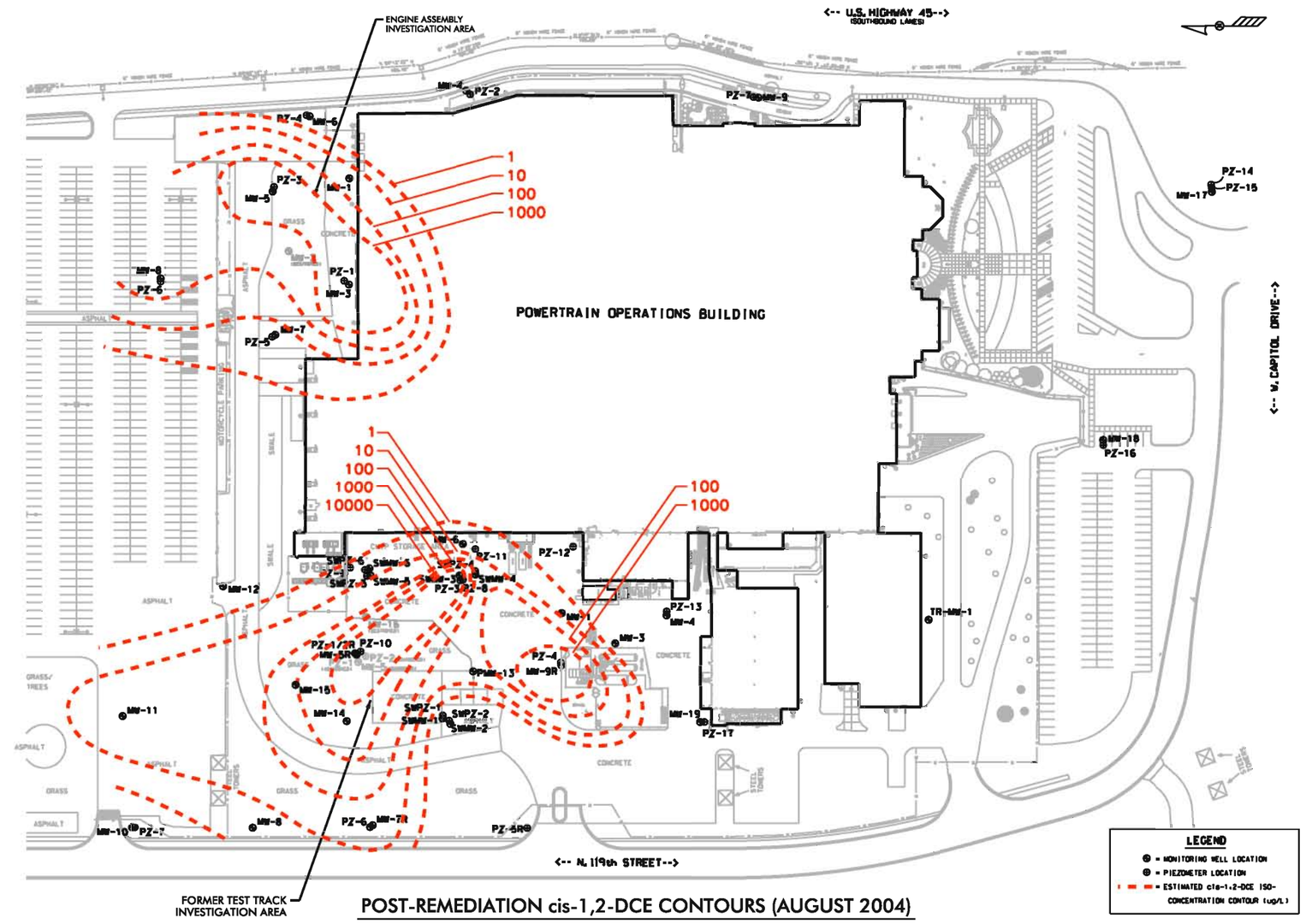
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
TCE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-104

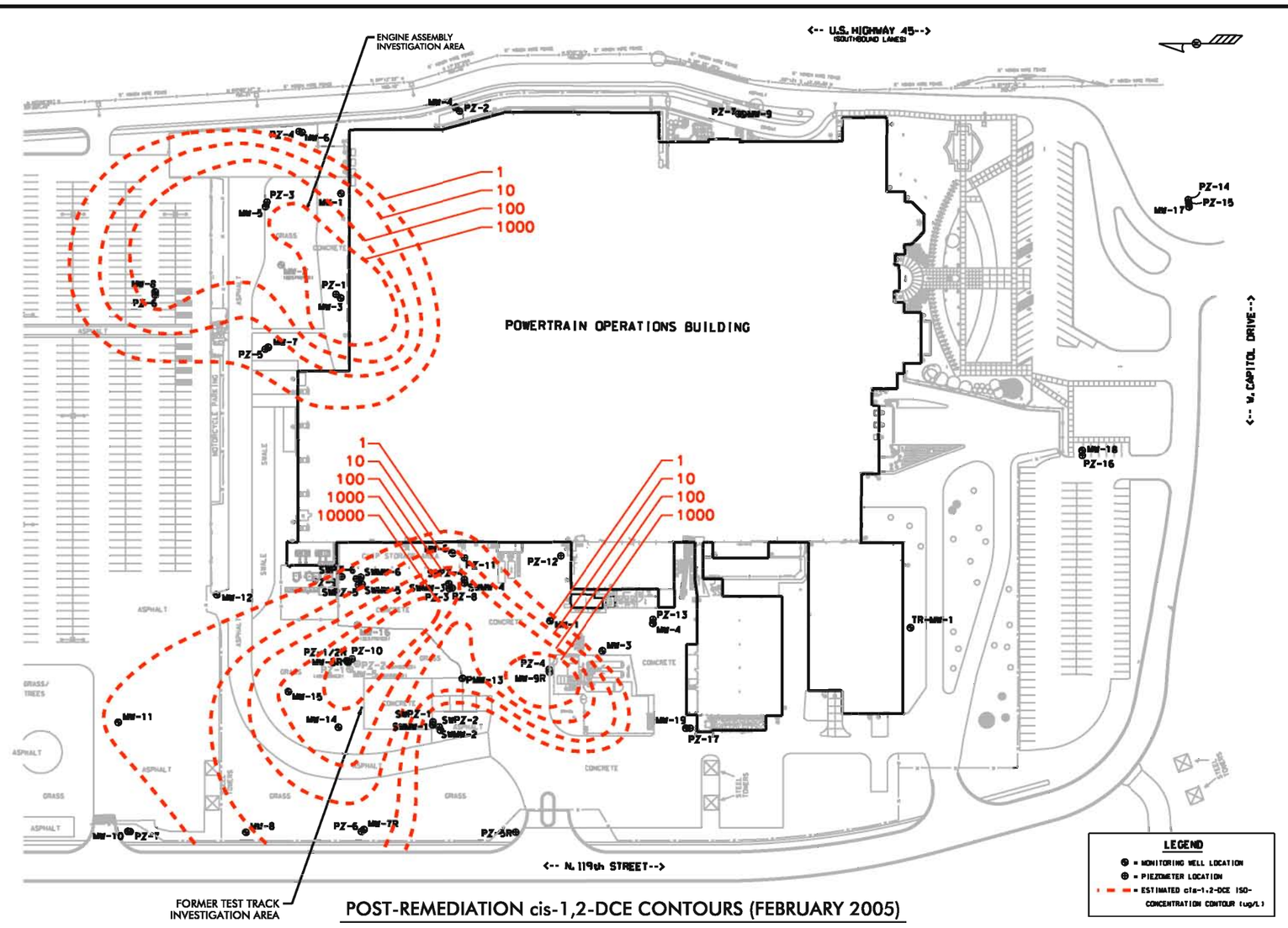
FIGURE 6C



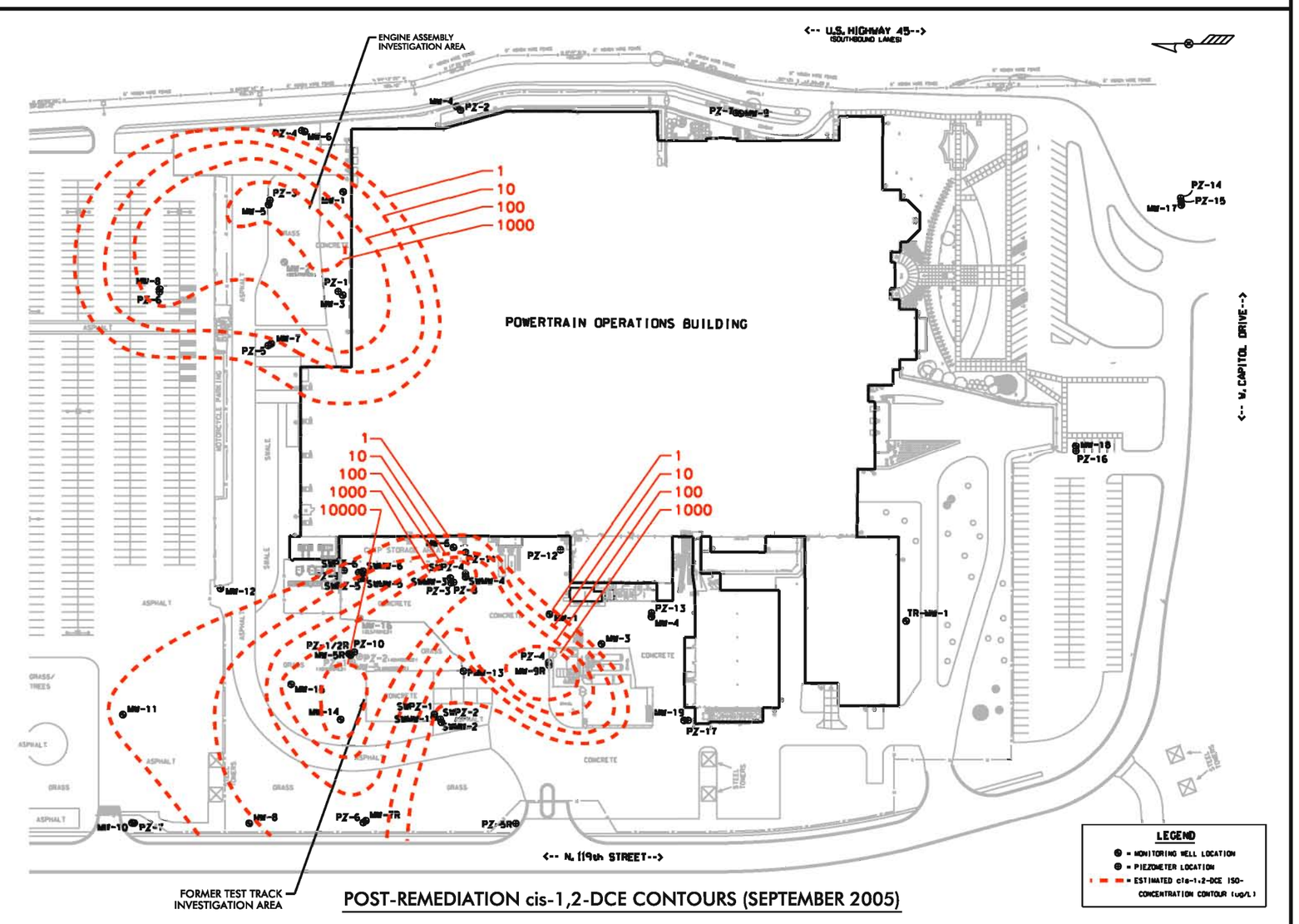
PRE-REMEDIATION cis-1,2-DCE CONTOURS



POST-REMEDIATION cis-1,2-DCE CONTOURS (AUGUST 2004)



POST-REMEDIATION cis-1,2-DCE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION cis-1,2-DCE CONTOURS (SEPTEMBER 2005)

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MILWAUKEE, WISCONSIN 53233
PHONE : (414) 643-4200
1-800-732-4671

SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	1-4-05
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

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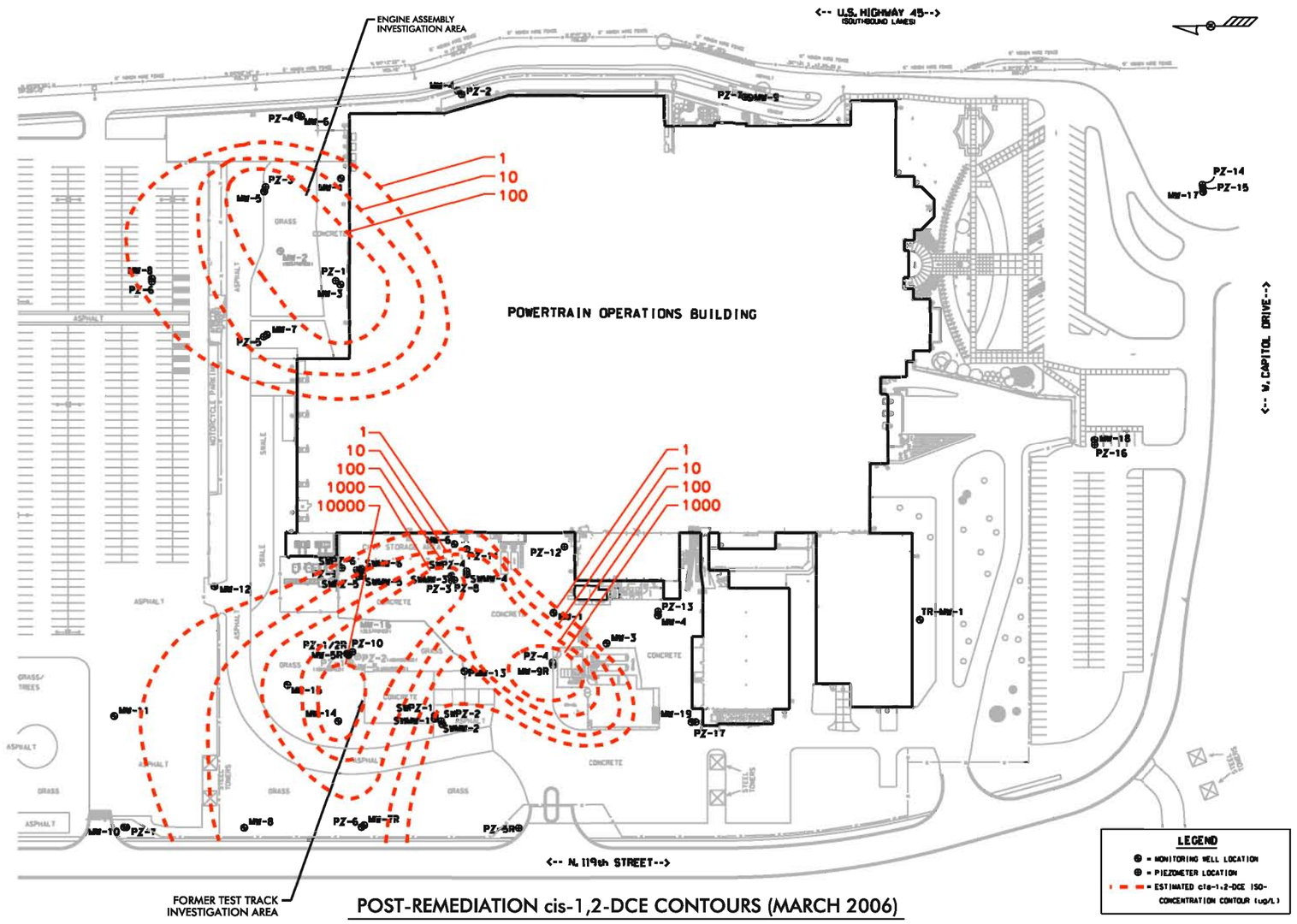
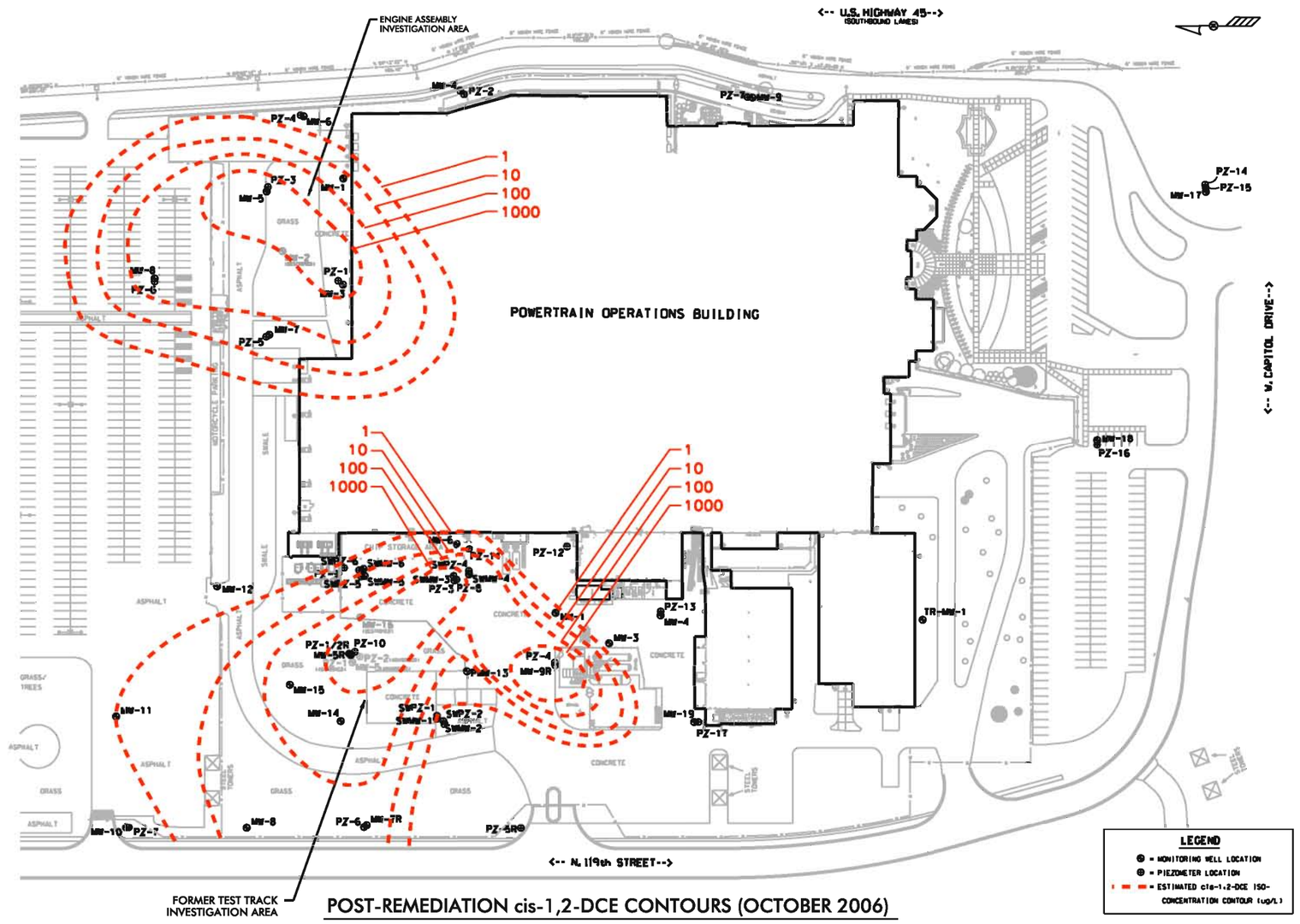
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
cis-1,2-DCE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-078

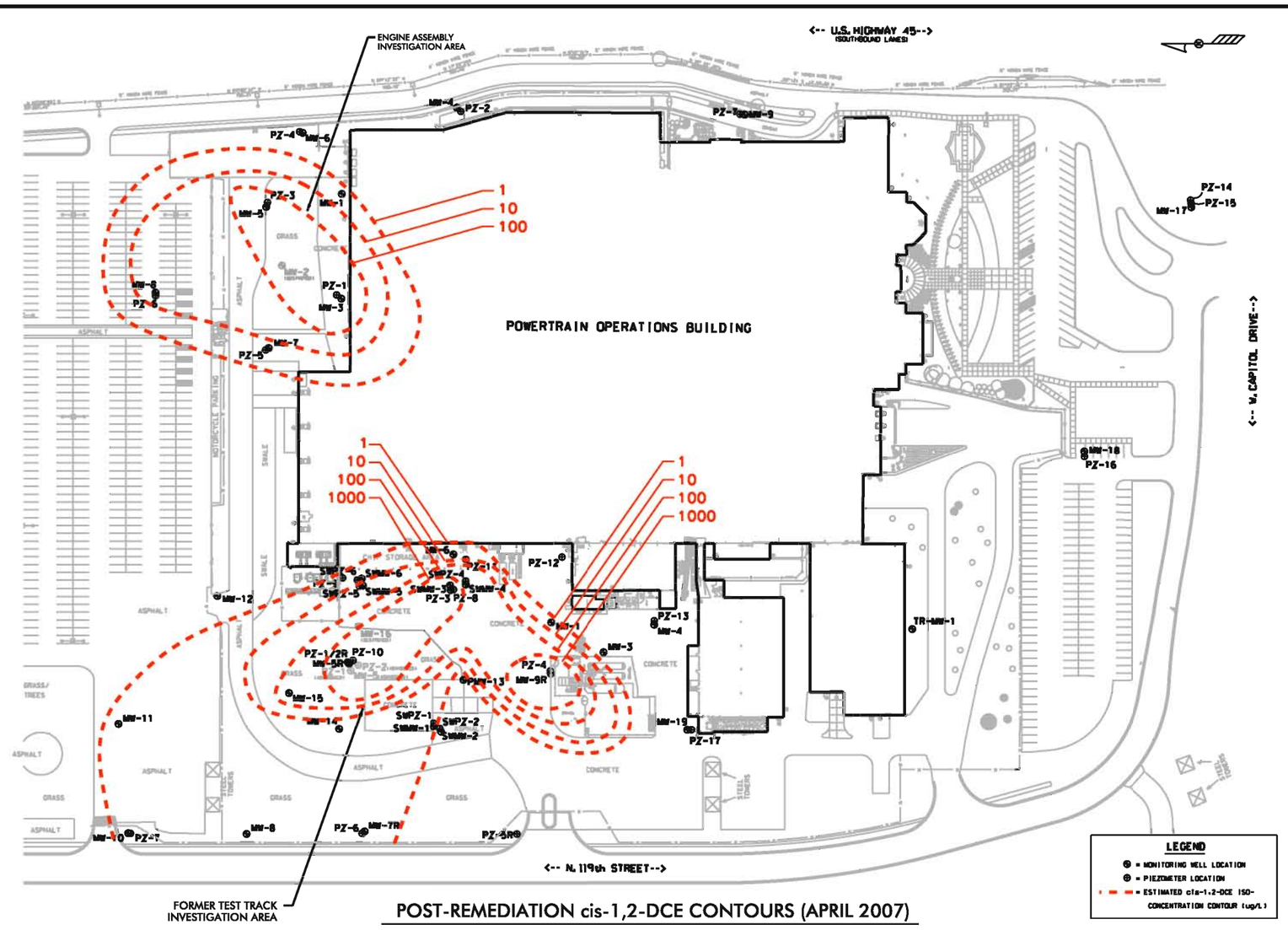
FIGURE 7A



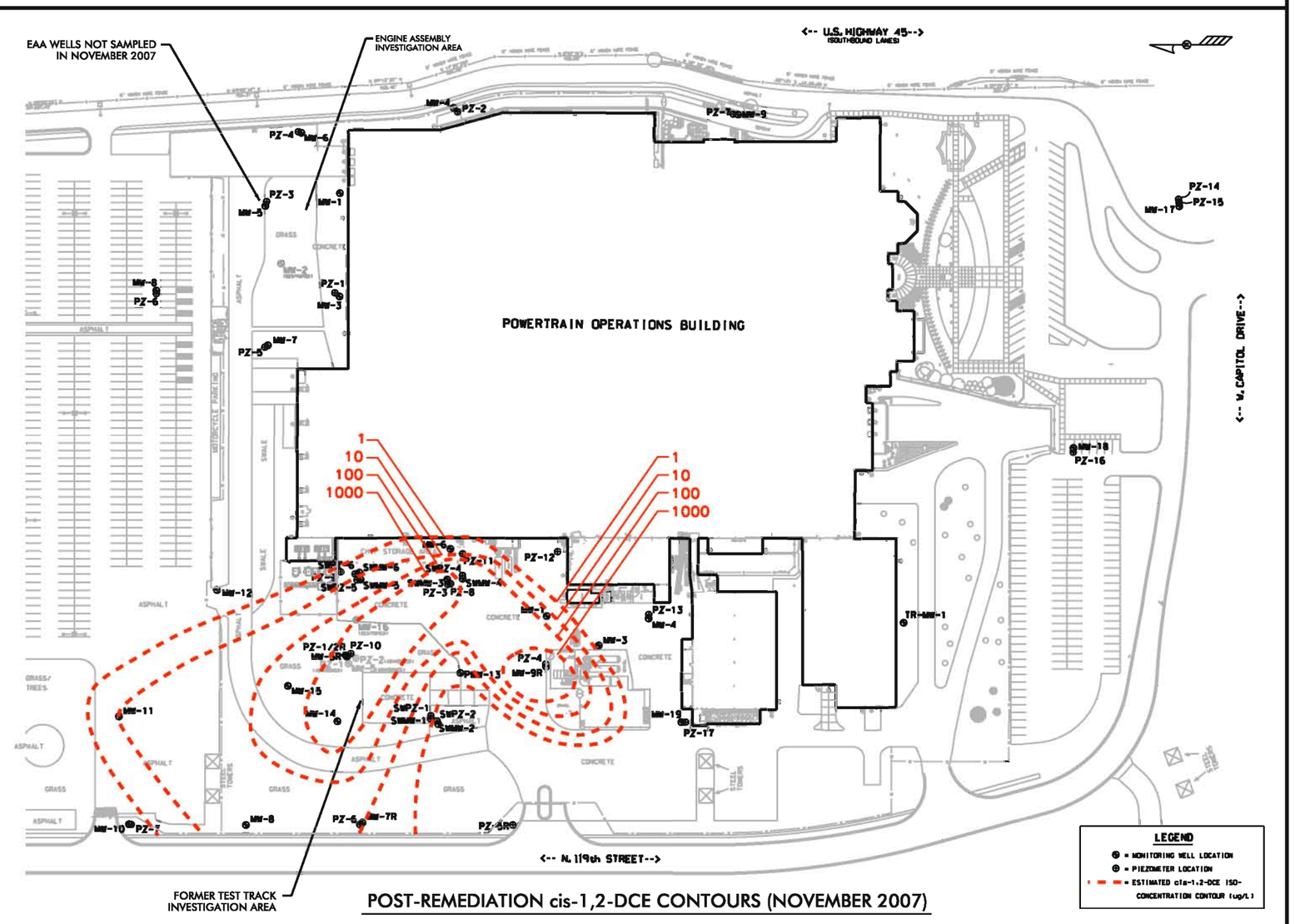
POST-REMEDIATION cis-1,2-DCE CONTOURS (MARCH 2006)



POST-REMEDIATION cis-1,2-DCE CONTOURS (OCTOBER 2006)



POST-REMEDIATION cis-1,2-DCE CONTOURS (APRIL 2007)



POST-REMEDIATION cis-1,2-DCE CONTOURS (NOVEMBER 2007)

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PHONE : (414) 643-4200
1-800-732-4671

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0' 75' 150' 225' 300'

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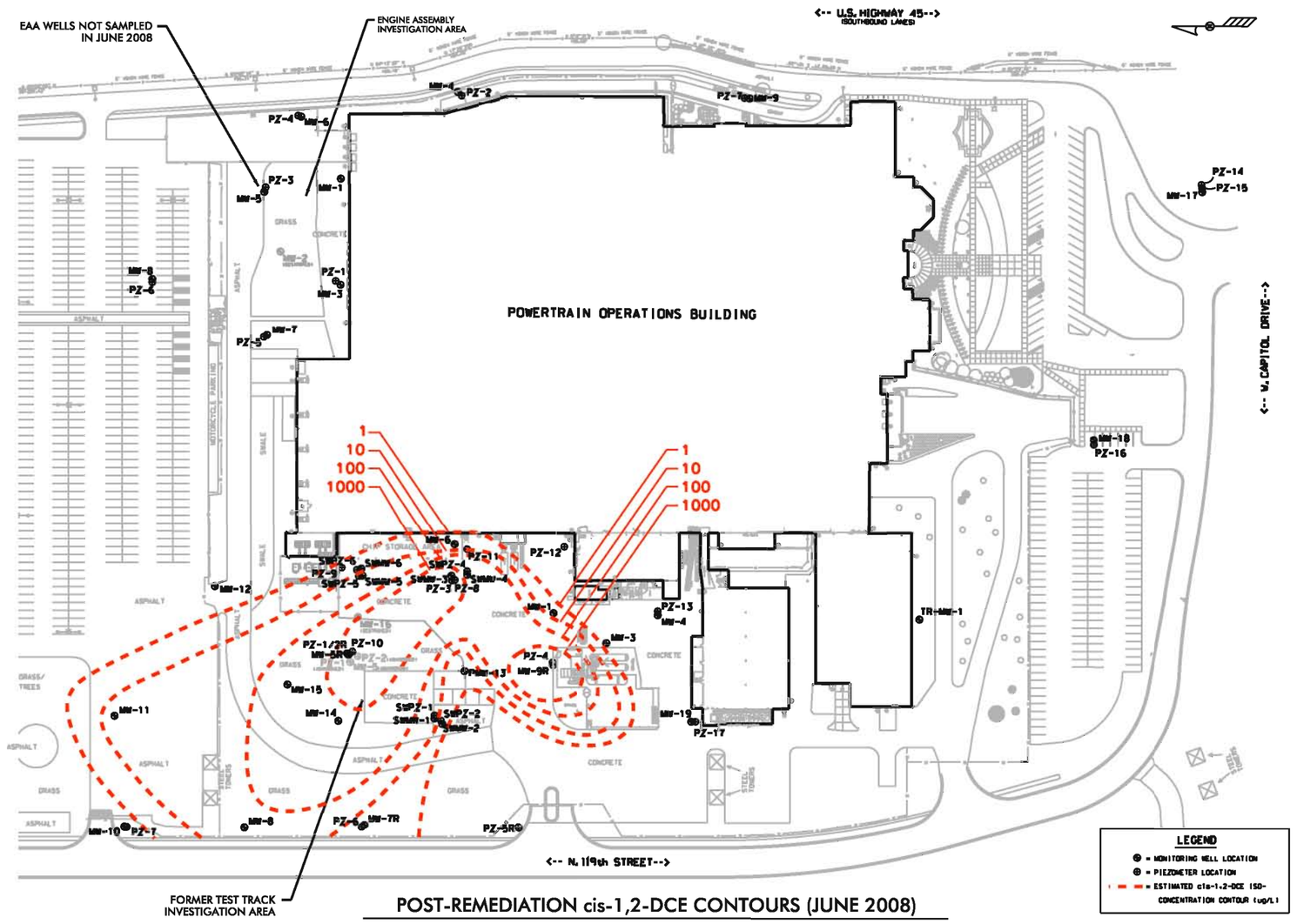
cis-1,2-DCE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-088

FIGURE 7B



POST-REMEDIATION cis-1,2-DCE CONTOURS (JUNE 2008)

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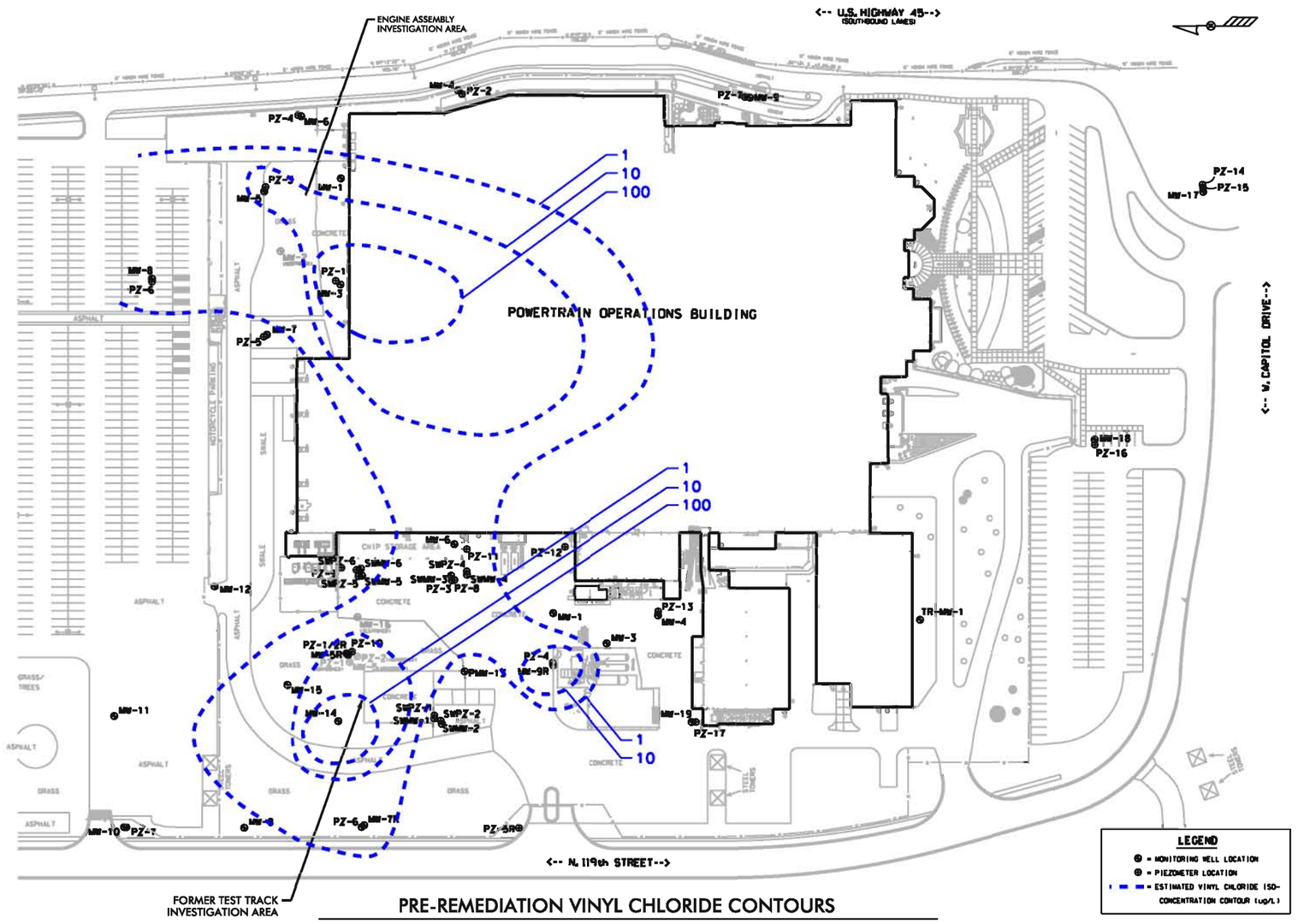
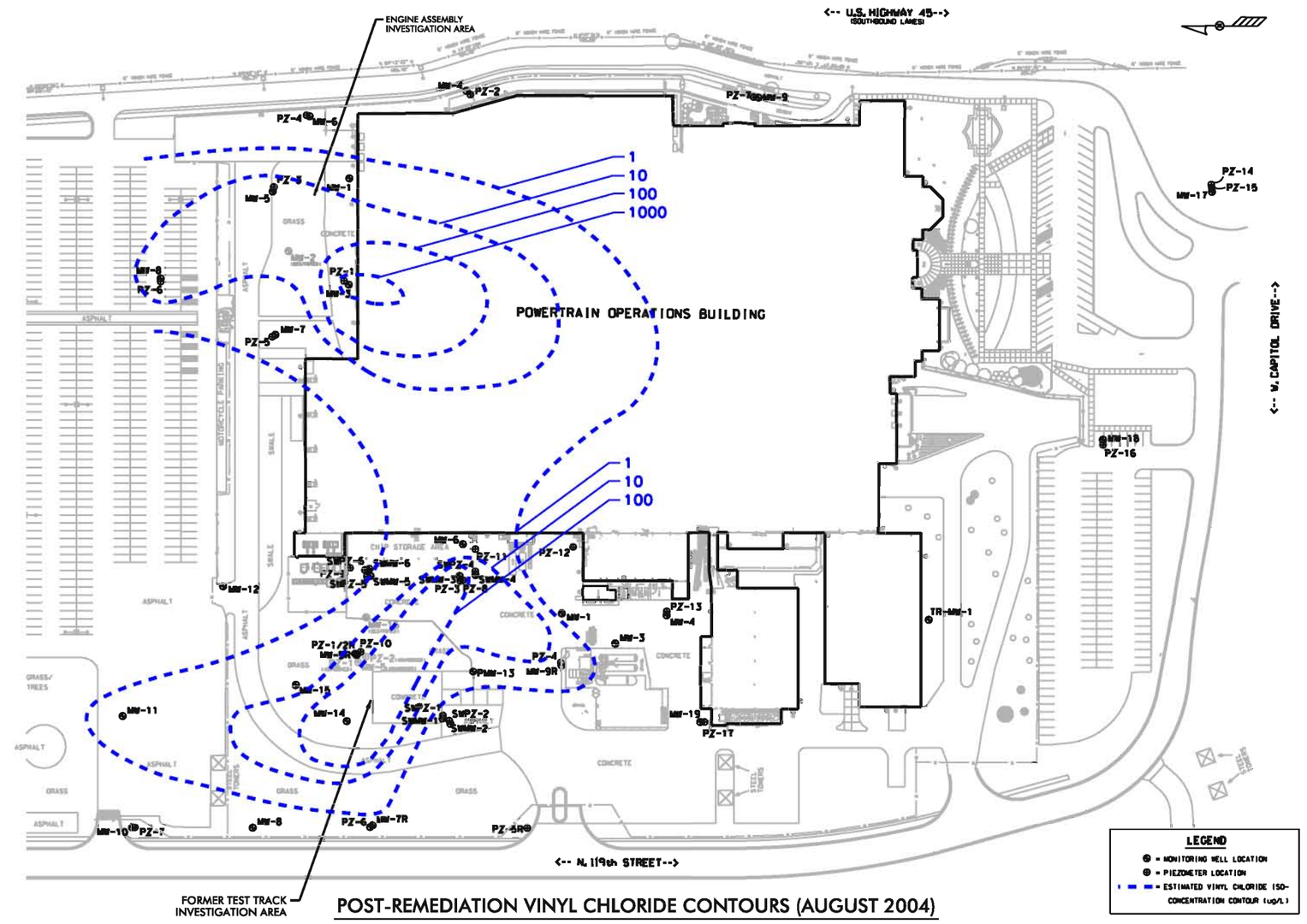
5512-105

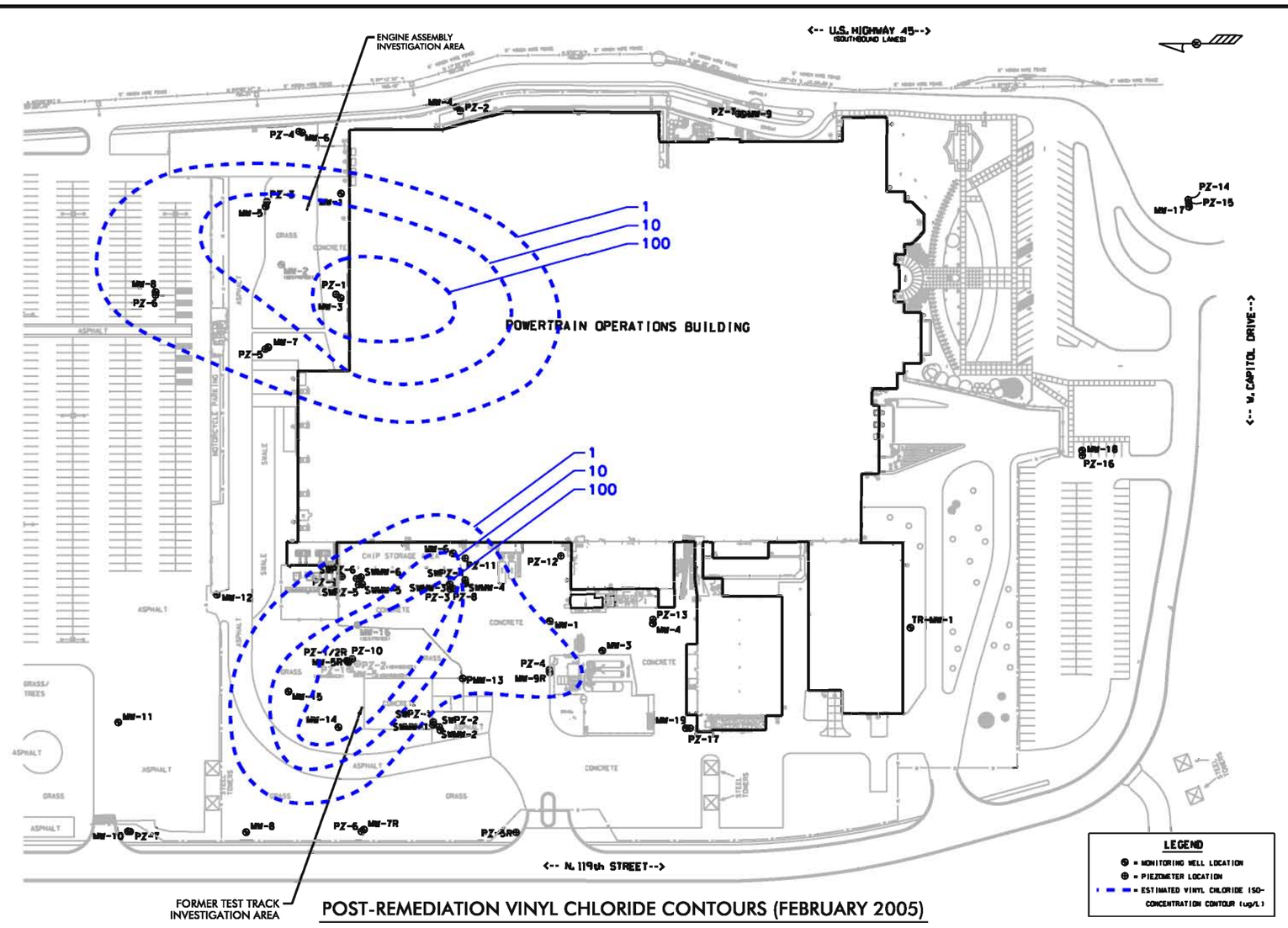
FIGURE 7C



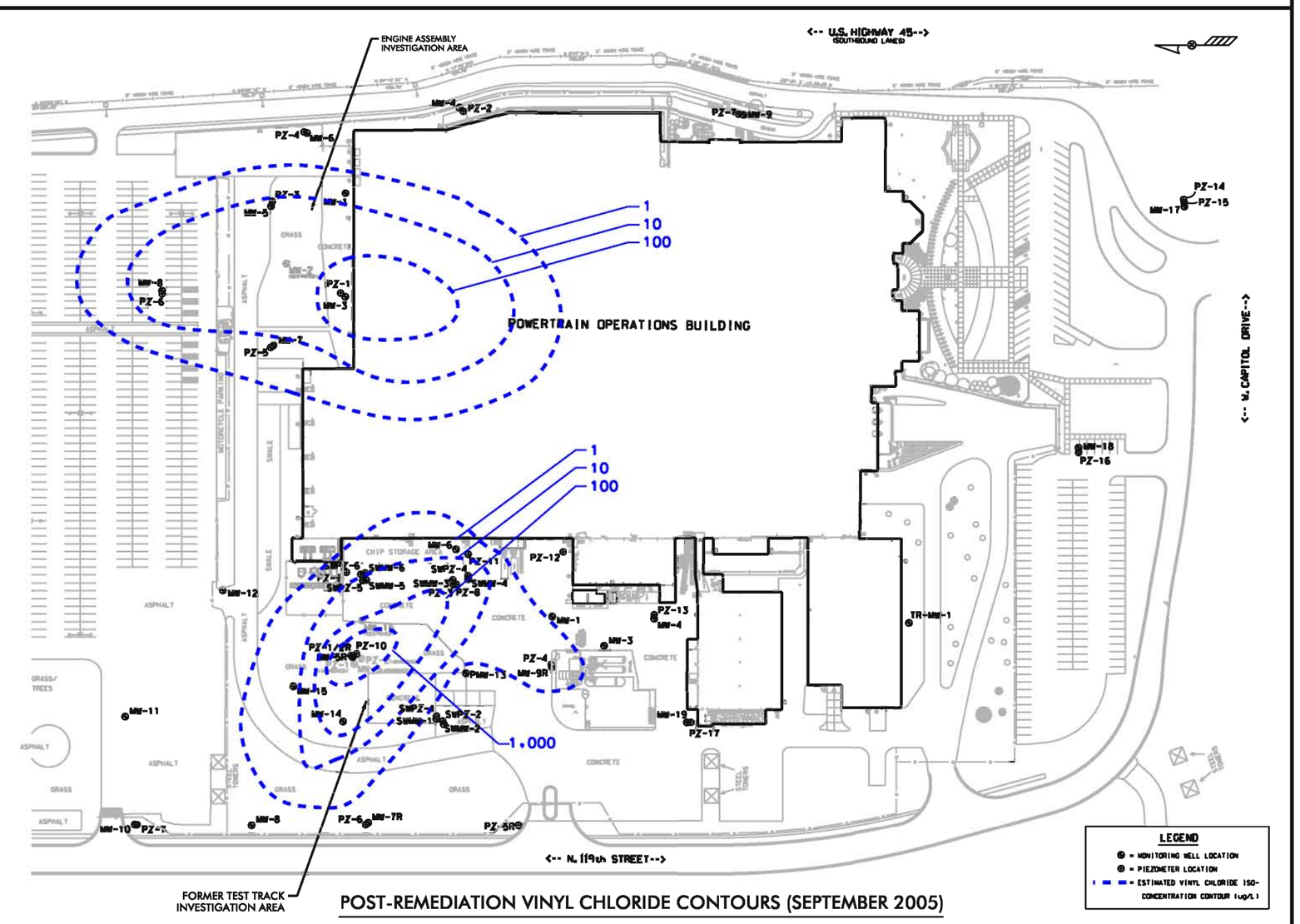
PRE-REMEDIATION VINYL CHLORIDE CONTOURS



POST-REMEDIATION VINYL CHLORIDE CONTOURS (AUGUST 2004)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (SEPTEMBER 2005)

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1300 W. CANAL STREET,
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PHONE : (414) 643-4200
1-800-732-4671

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0' 75' 150' 225' 300'

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CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
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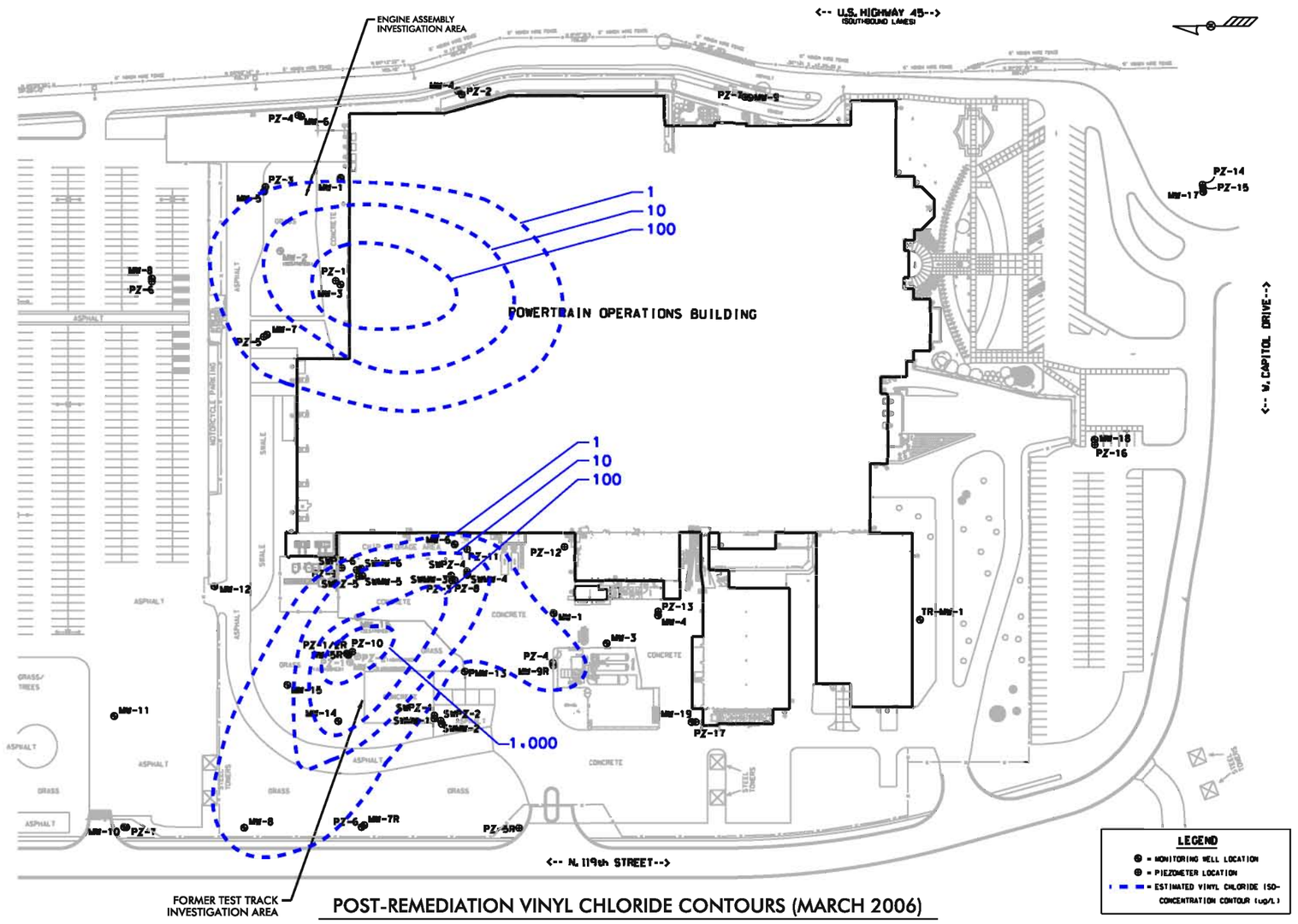
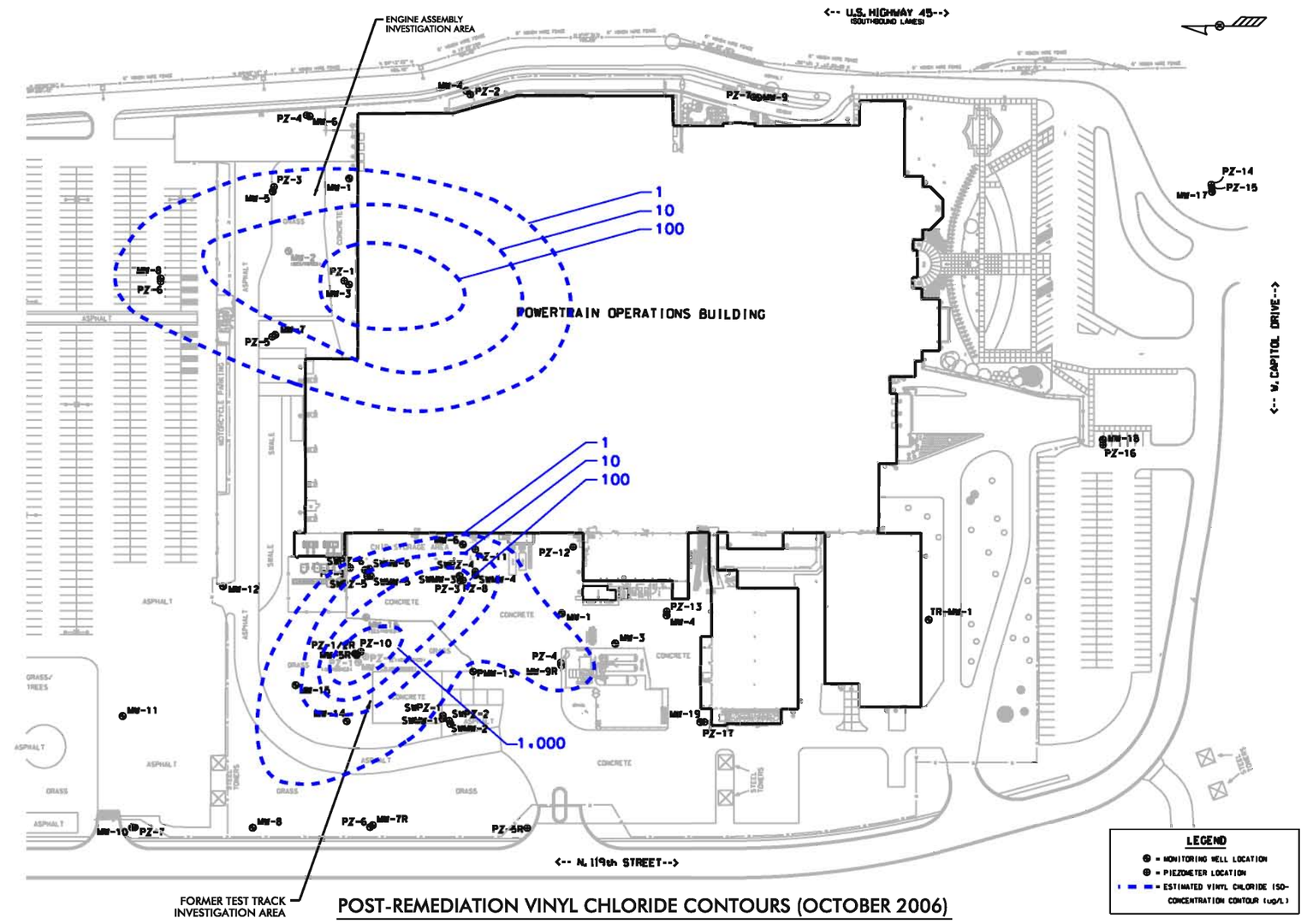
VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-080

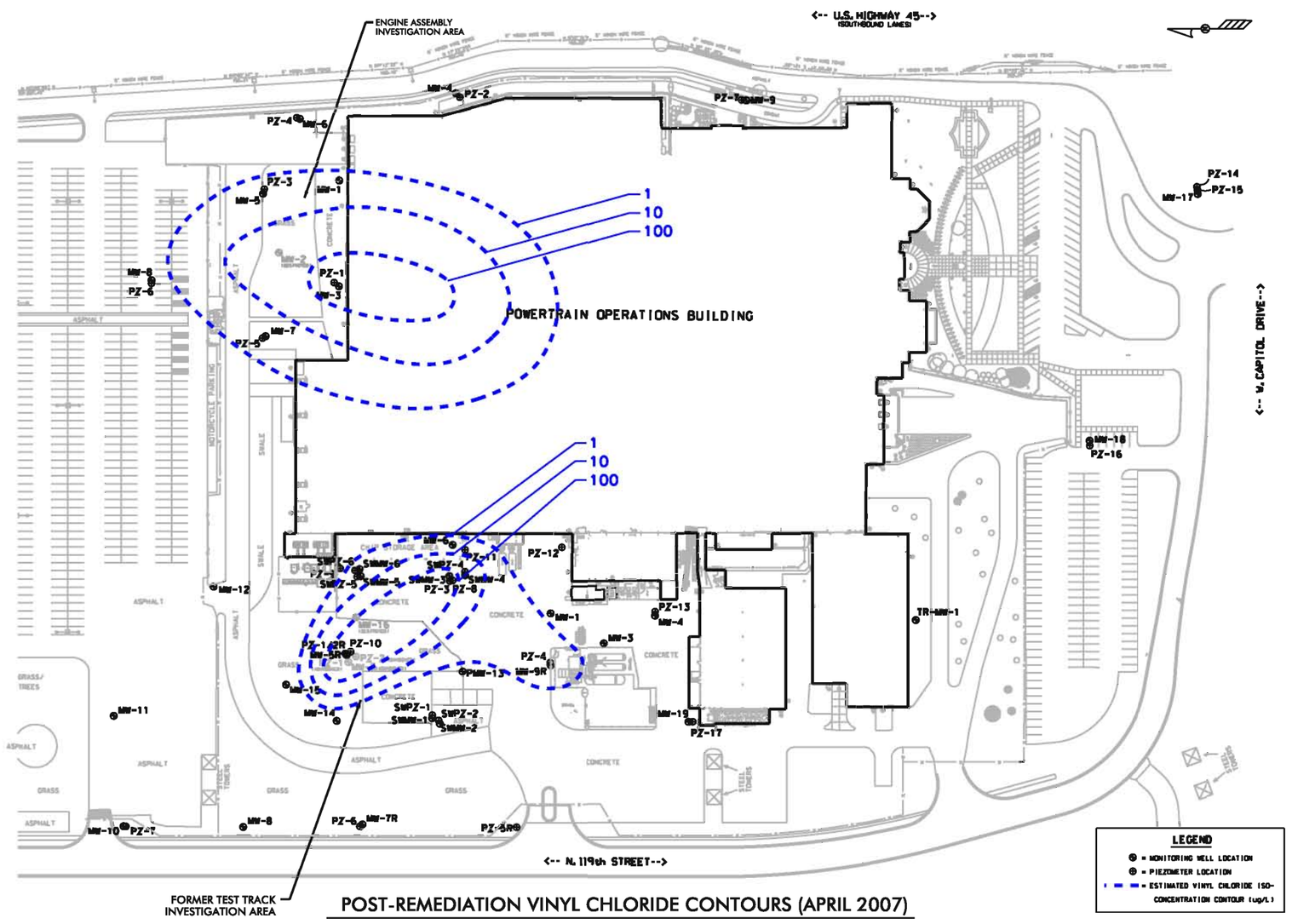
FIGURE 8A



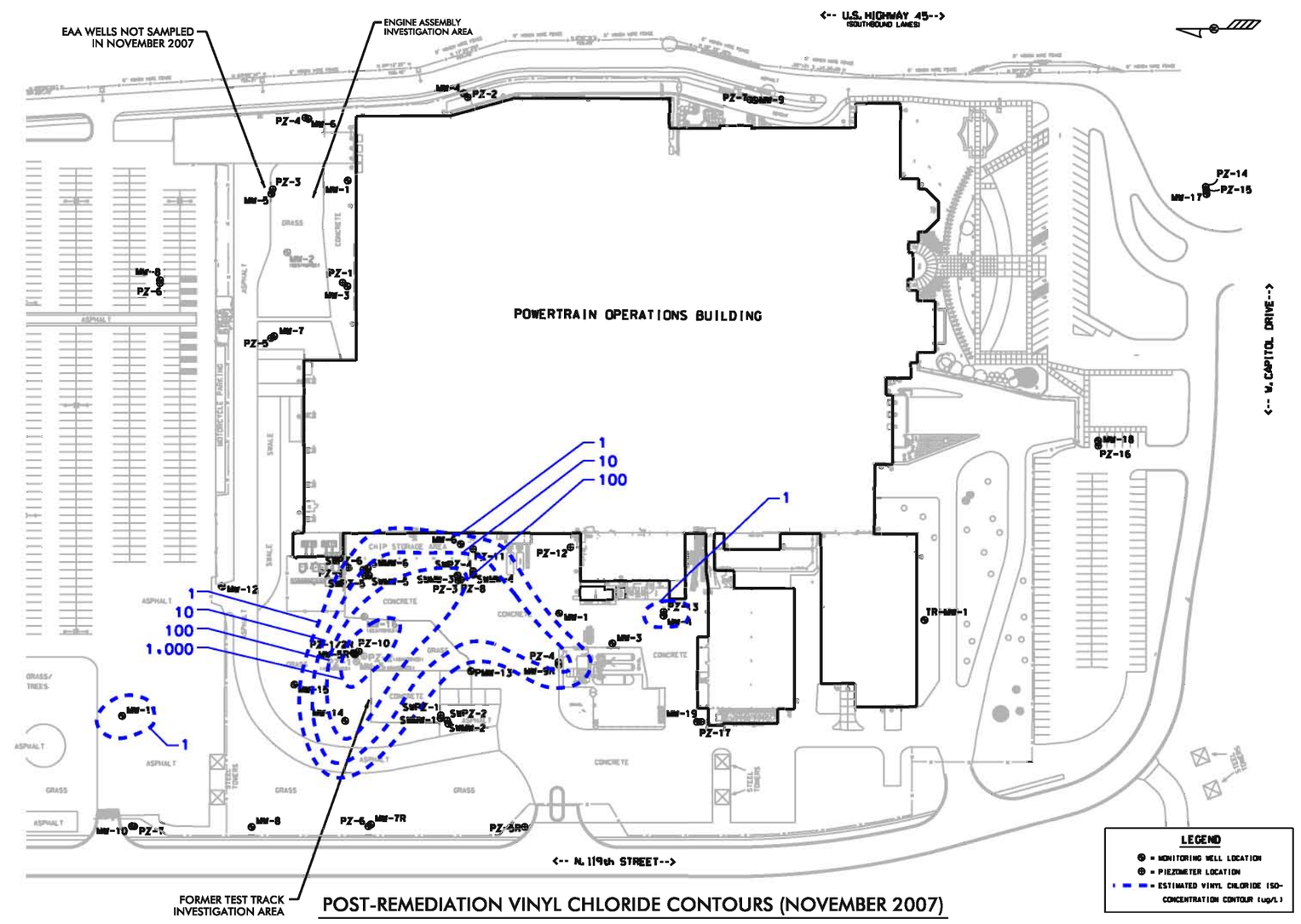
POST-REMEDIATION VINYL CHLORIDE CONTOURS (MARCH 2006)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (OCTOBER 2006)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (APRIL 2007)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (NOVEMBER 2007)

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1-800-732-4671

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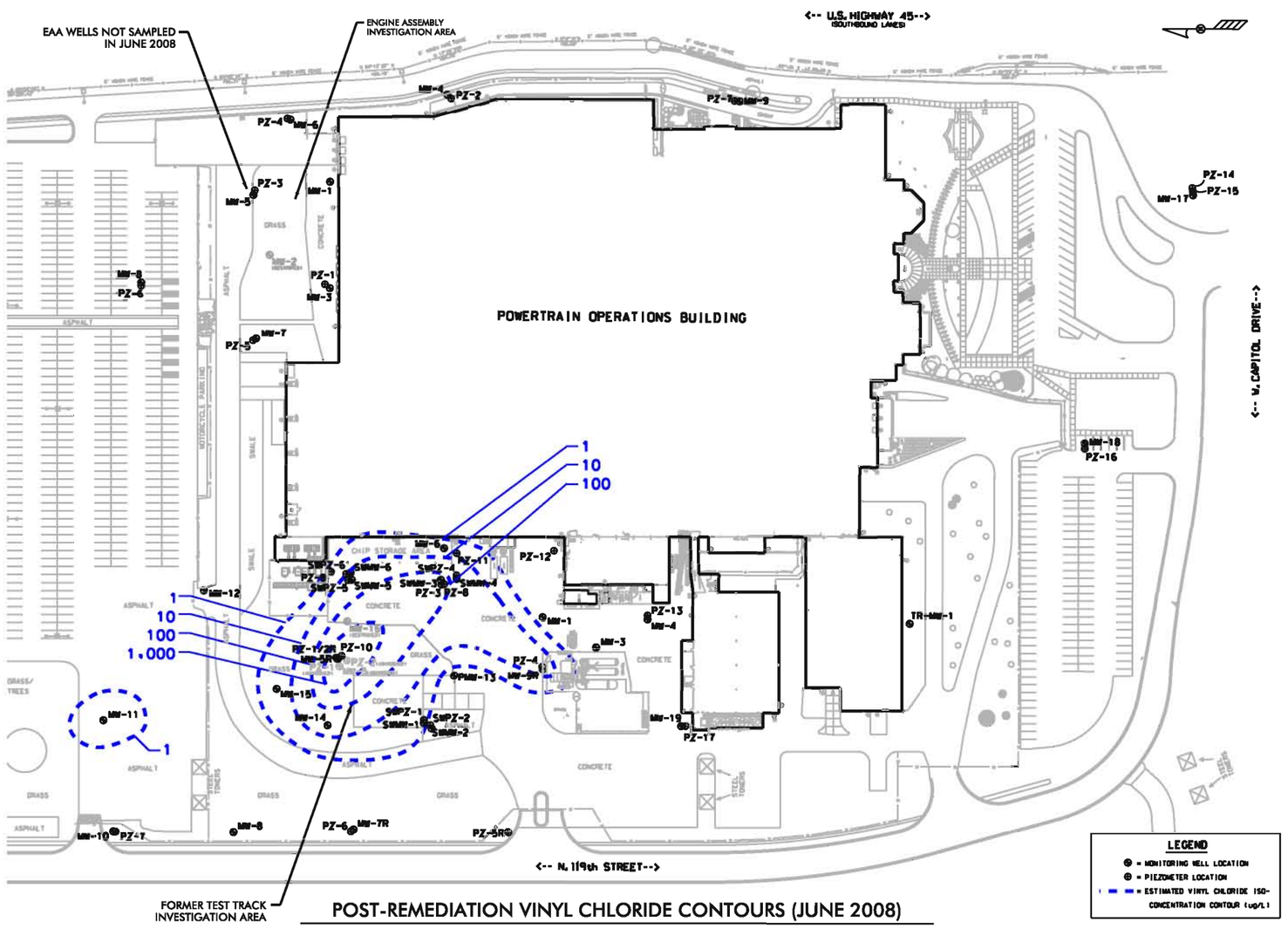
VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-090

FIGURE 8B



POST-REMEDIATION VINYL CHLORIDE CONTOURS (JUNE 2008)

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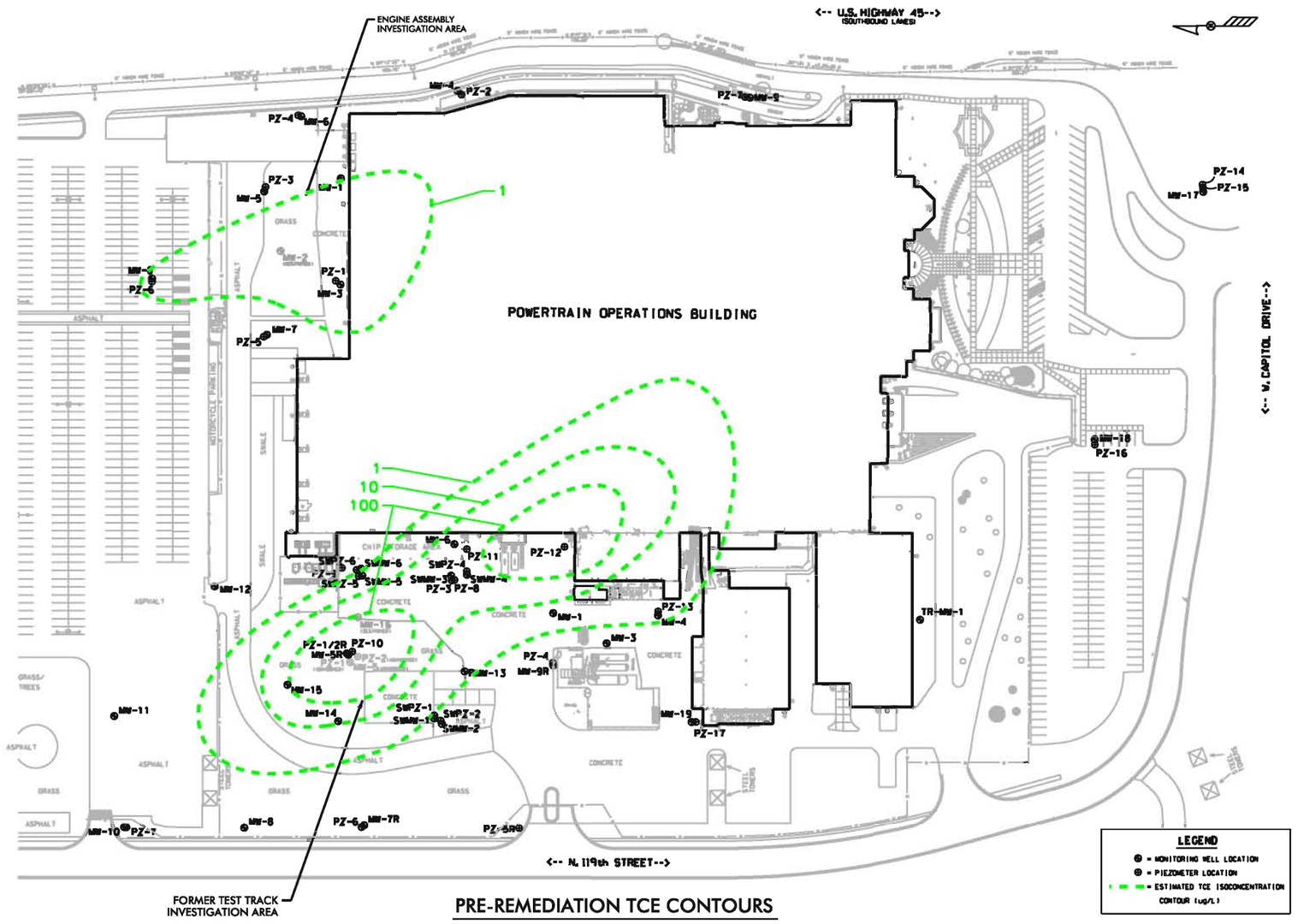
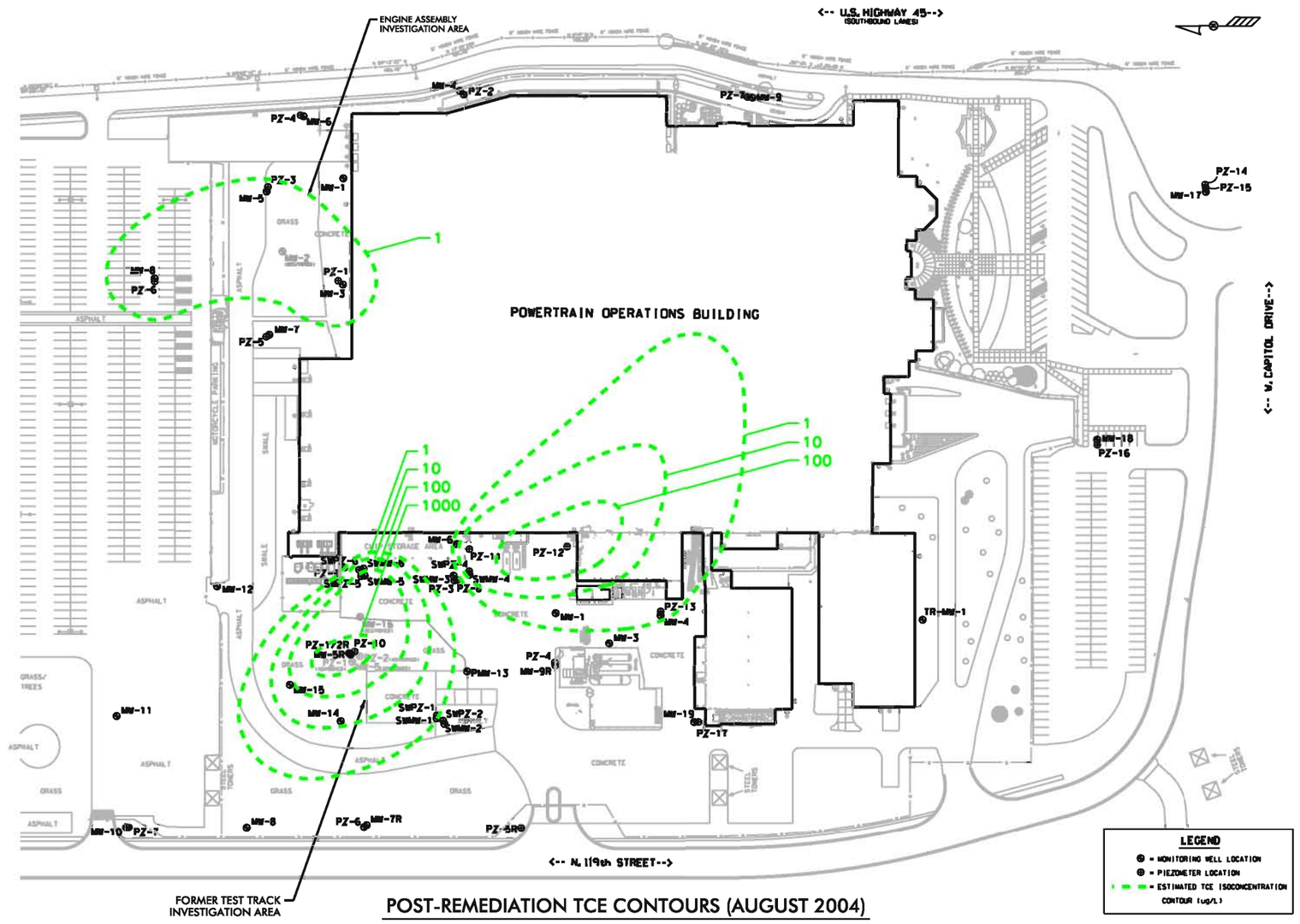
VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR SHALLOW WELLS

DRAWING NUMBER
5512-106

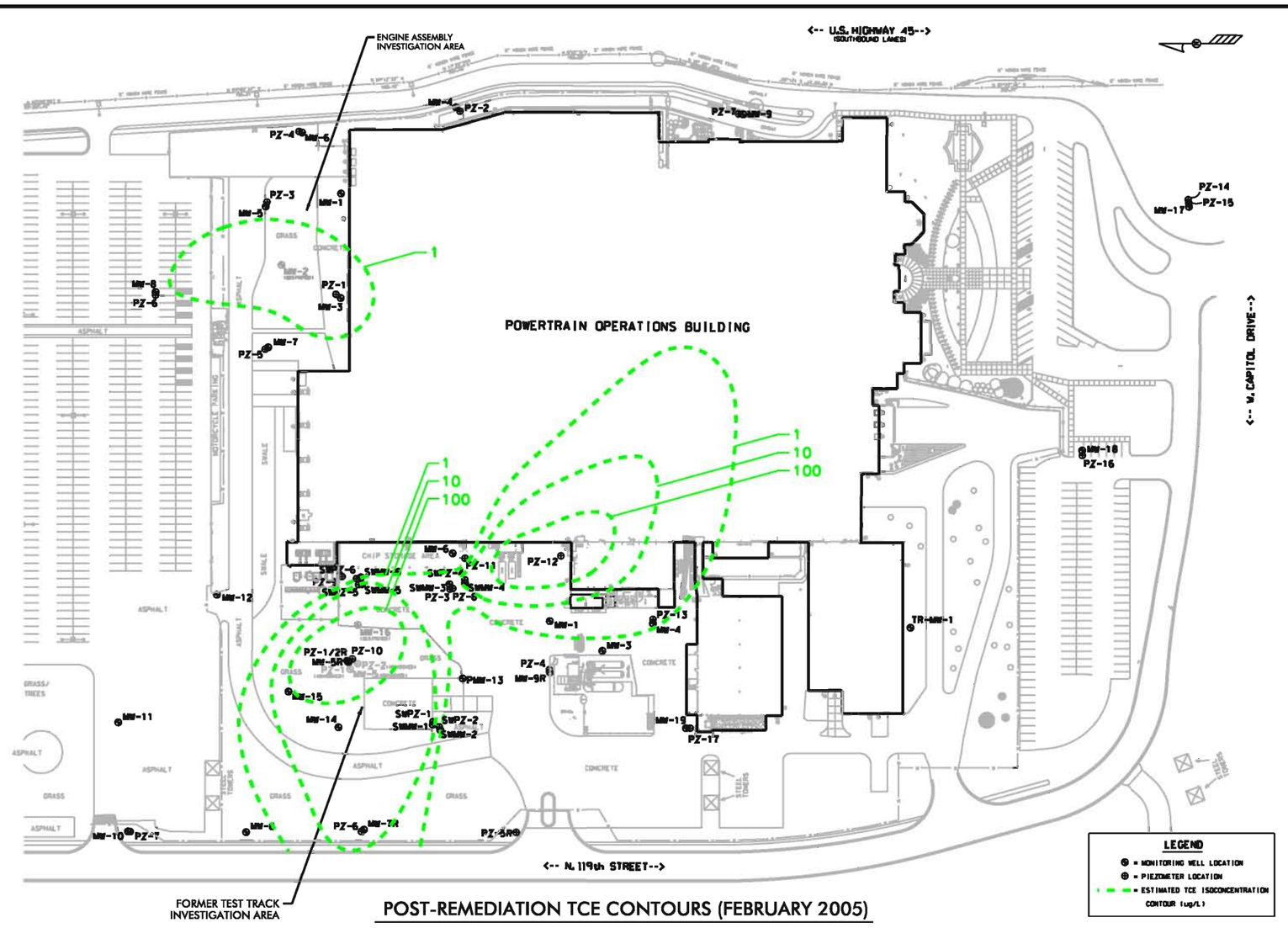
FIGURE 8C



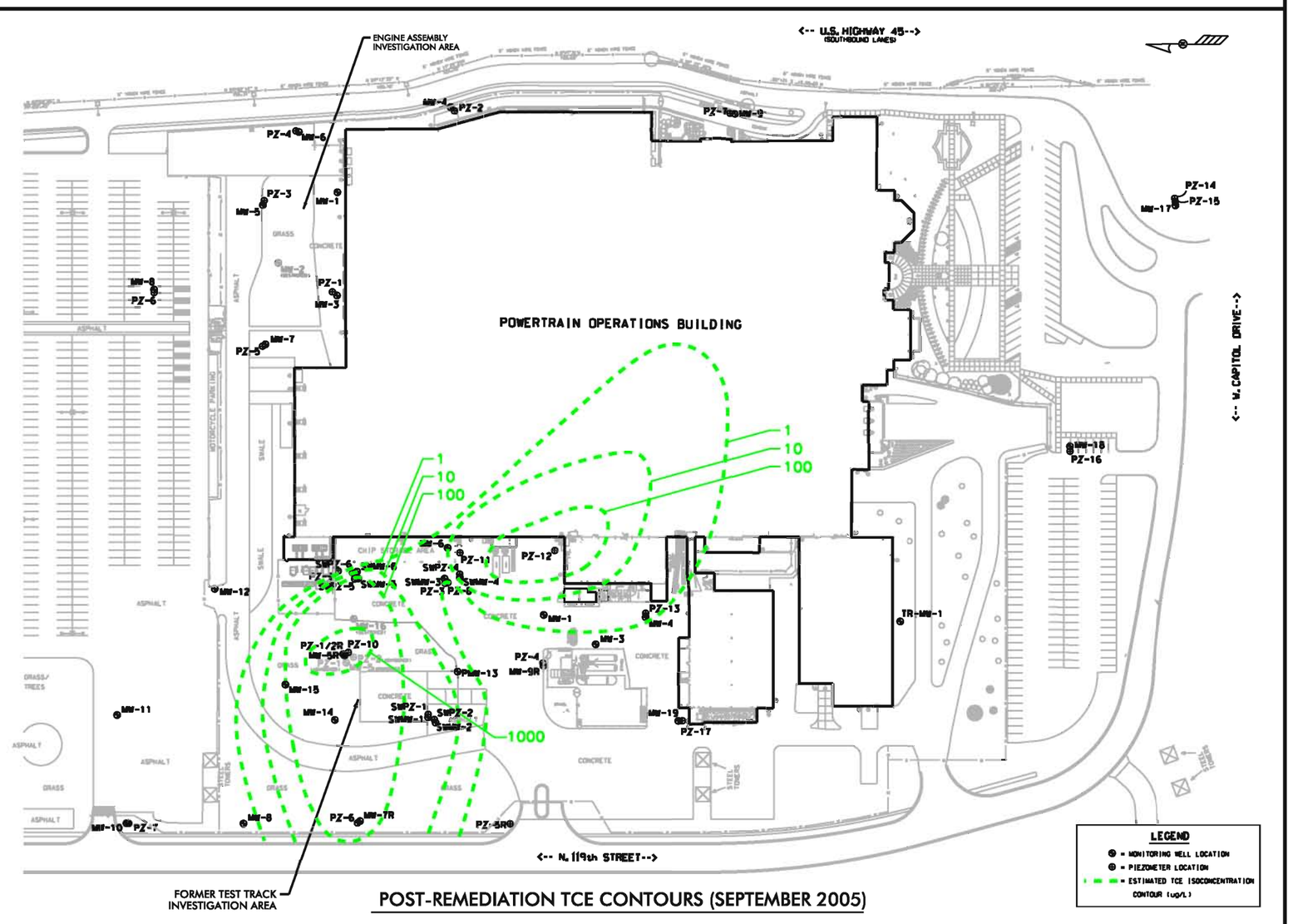
PRE-REMEDIATION TCE CONTOURS



POST-REMEDIATION TCE CONTOURS (AUGUST 2004)



POST-REMEDIATION TCE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION TCE CONTOURS (SEPTEMBER 2005)

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0' 75' 150' 225' 300'

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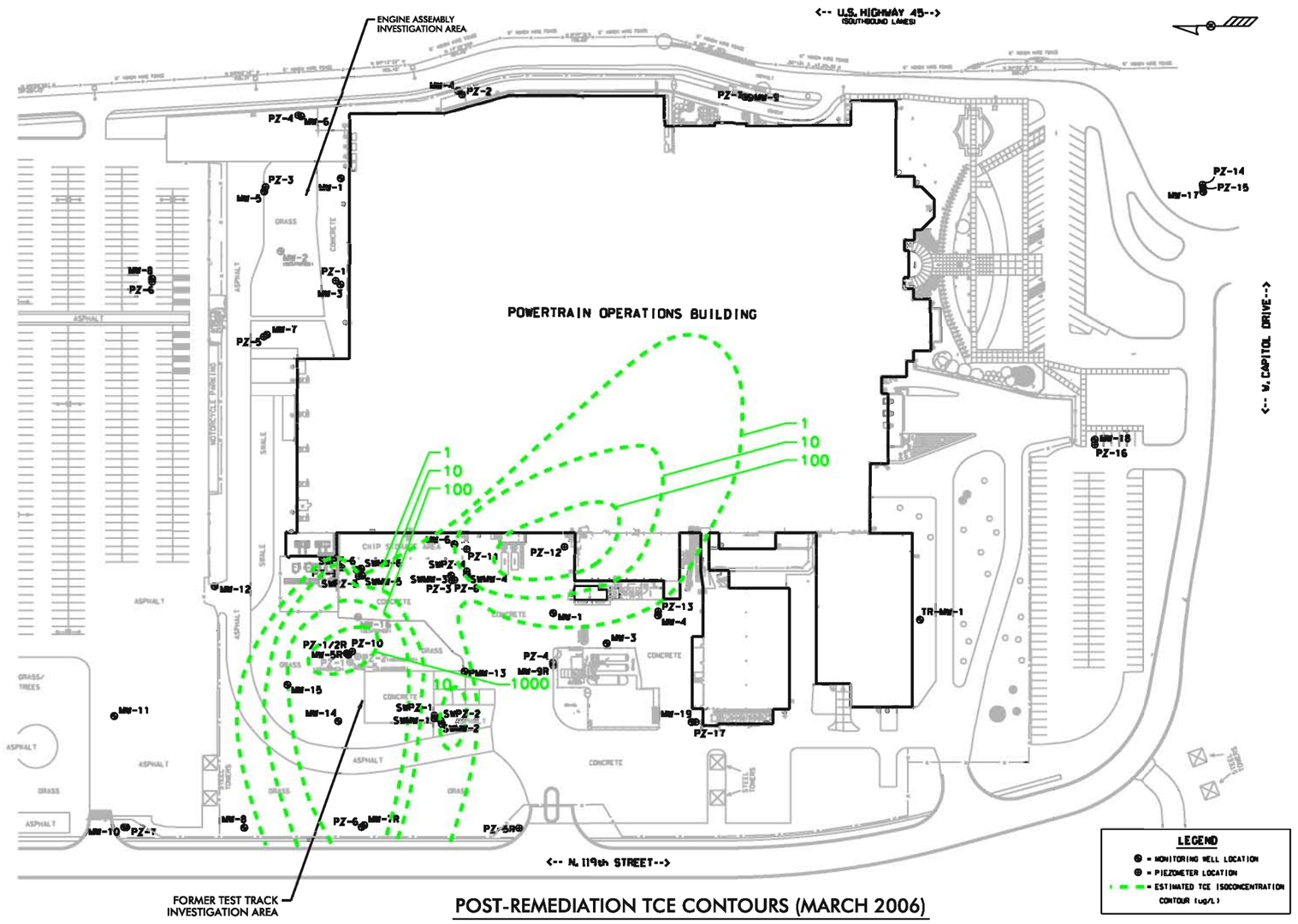
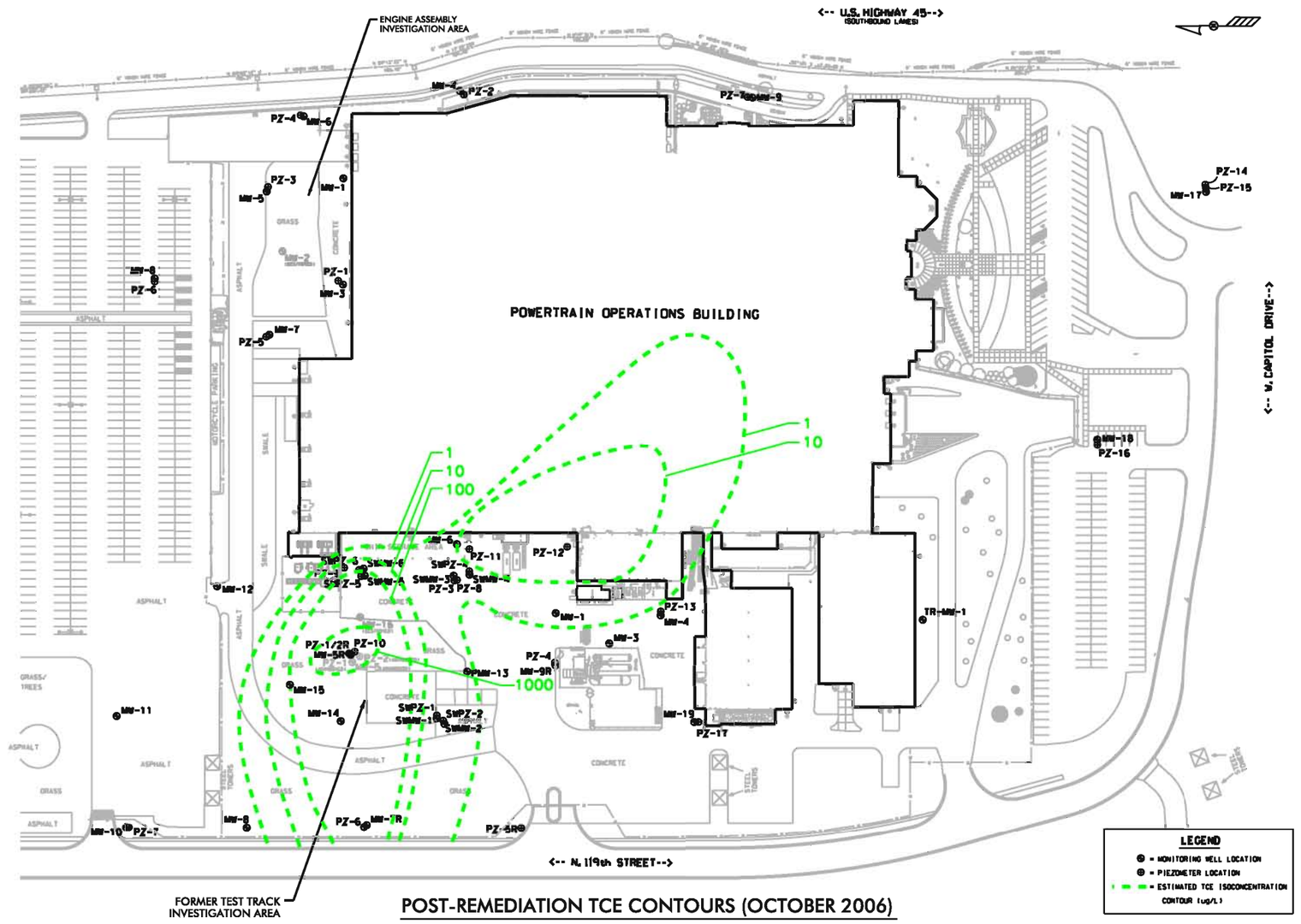
TCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-077

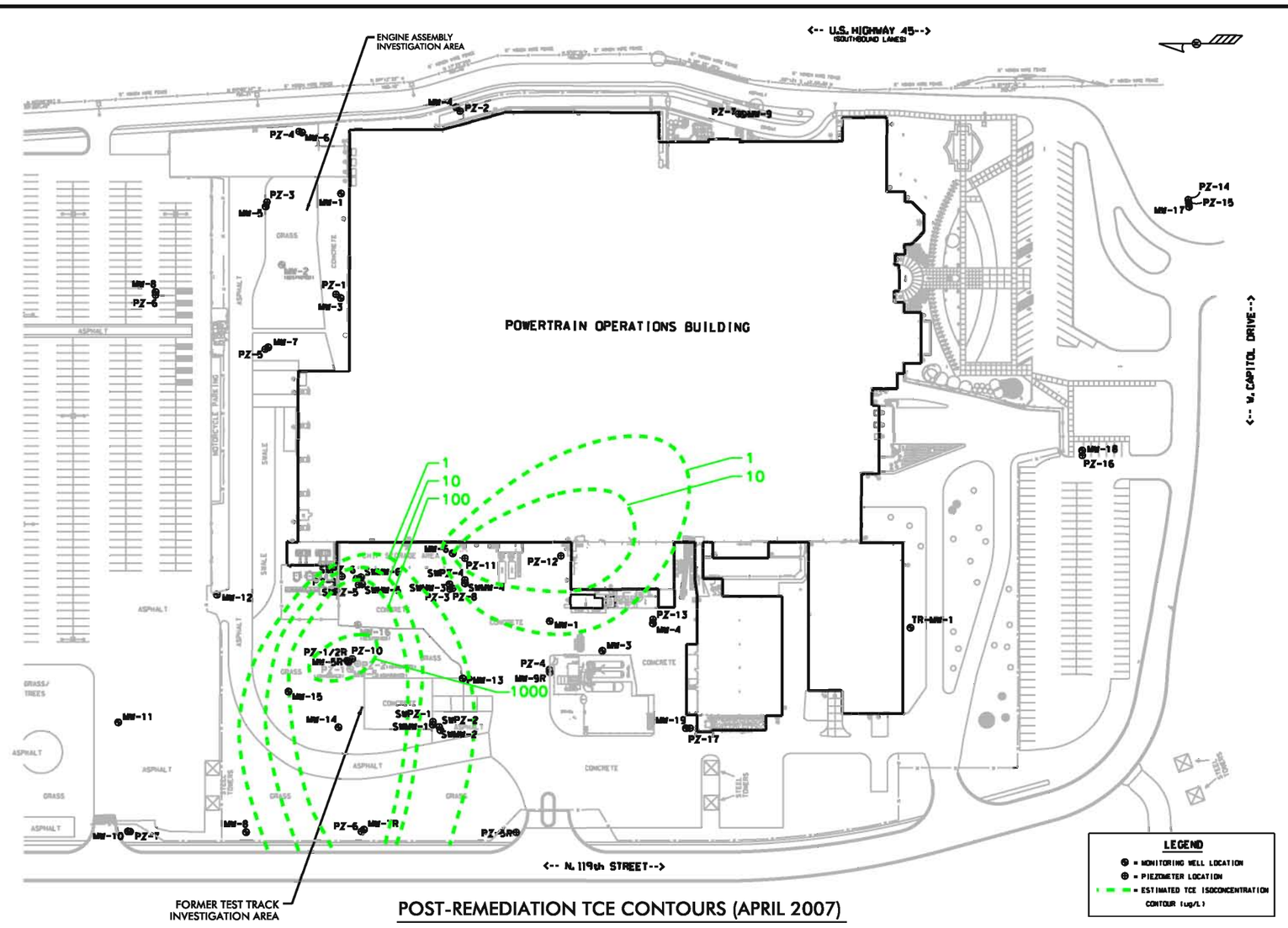
FIGURE 9A



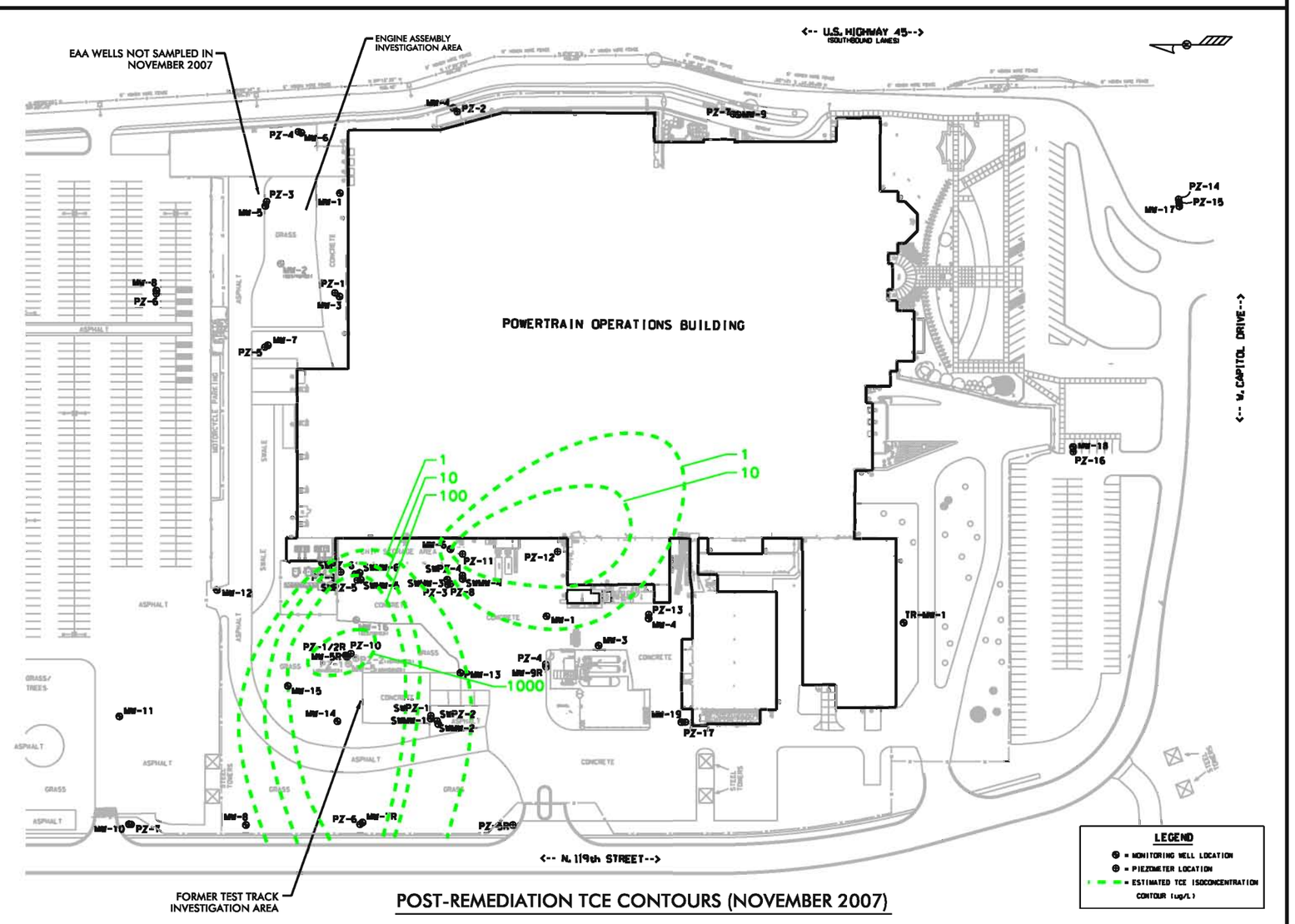
POST-REMEDIATION TCE CONTOURS (MARCH 2006)



POST-REMEDIATION TCE CONTOURS (OCTOBER 2006)



POST-REMEDIATION TCE CONTOURS (APRIL 2007)



POST-REMEDIATION TCE CONTOURS (NOVEMBER 2007)

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PHONE : (414) 643-4200
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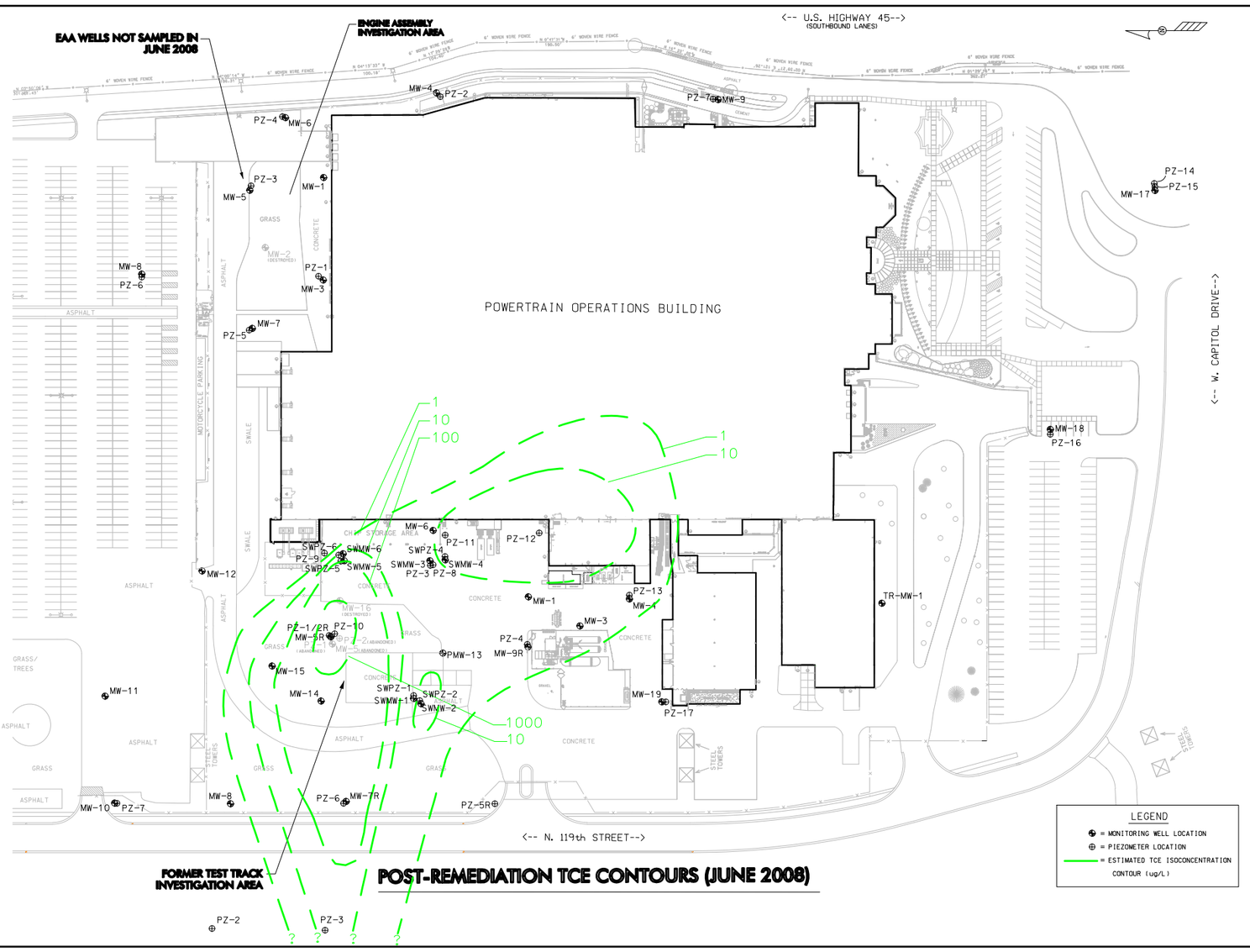
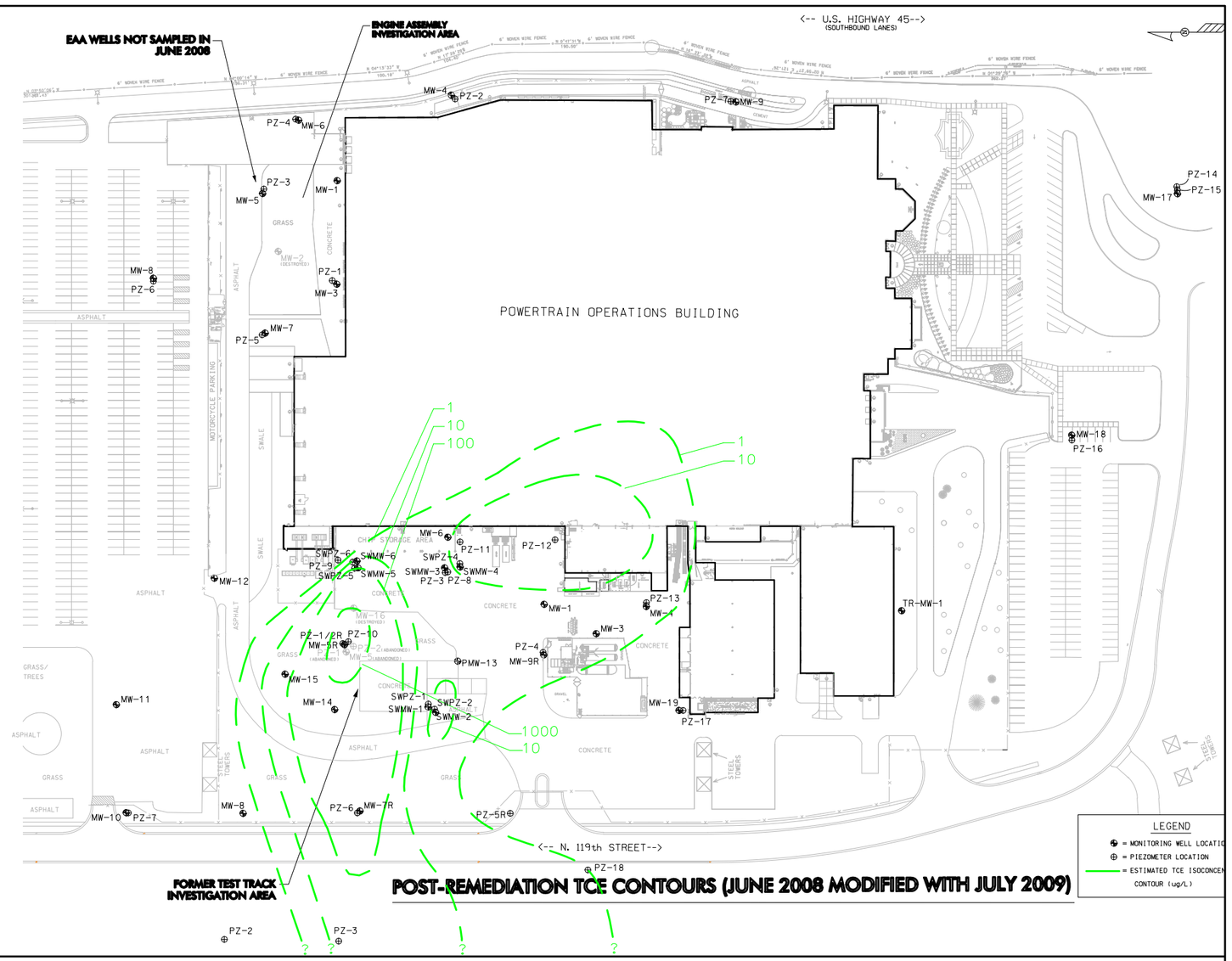
TCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-087

FIGURE 9B



POST-REMEDIATION TCE CONTOURS (JUNE 2008)



POST-REMEDIATION TCE CONTOURS (JUNE 2008 MODIFIED WITH JULY 2009)

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TCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

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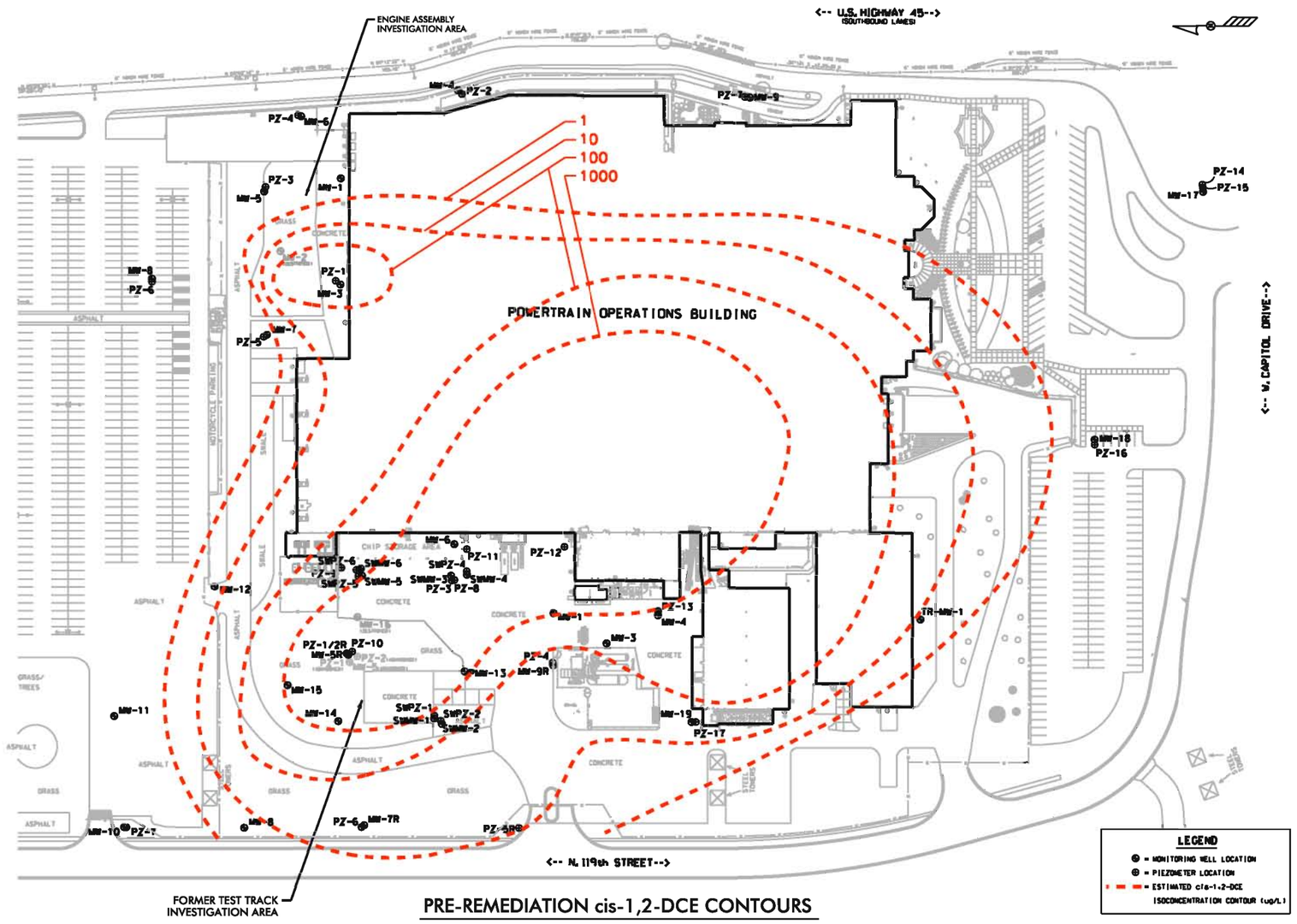
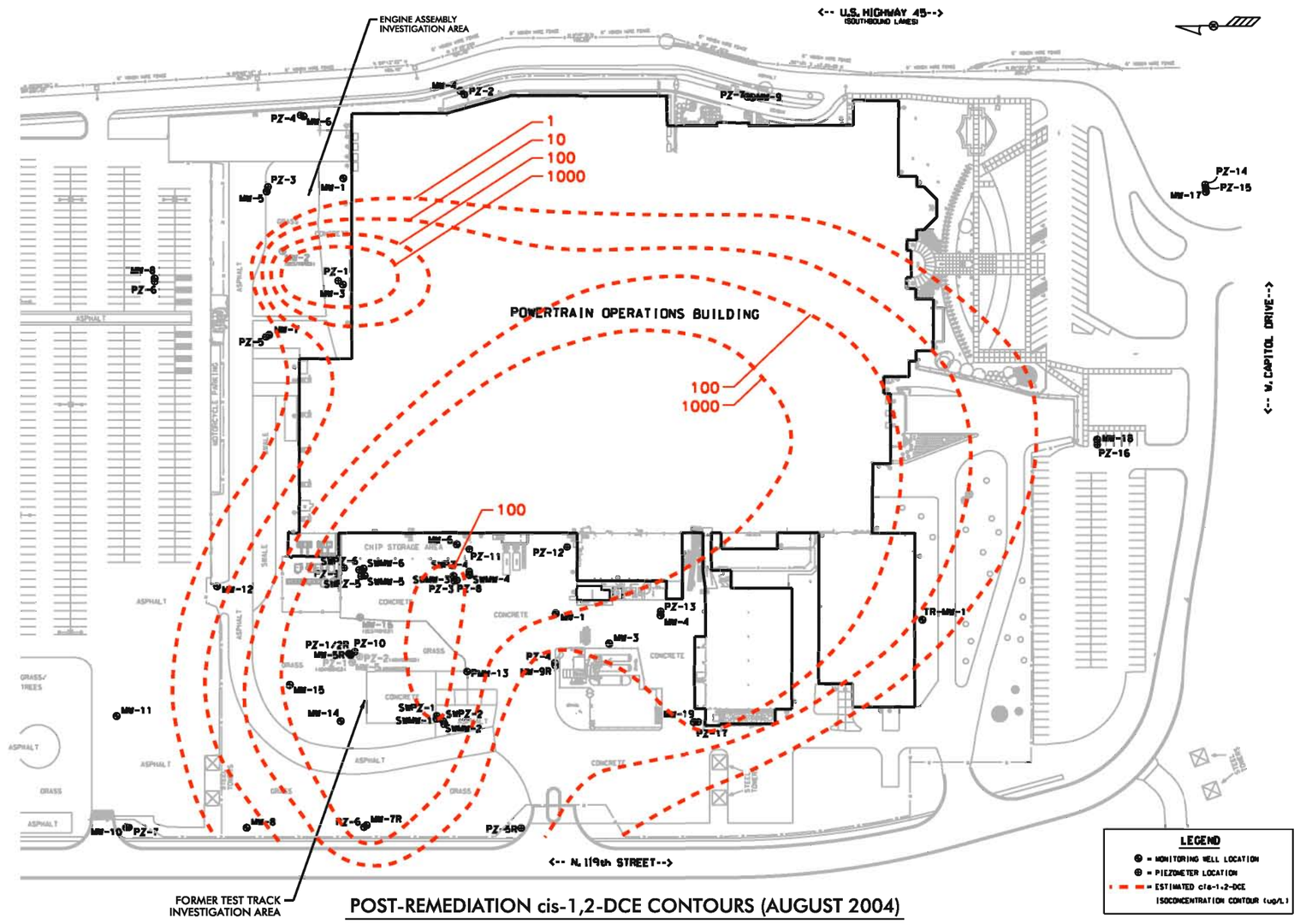
5512–107–A

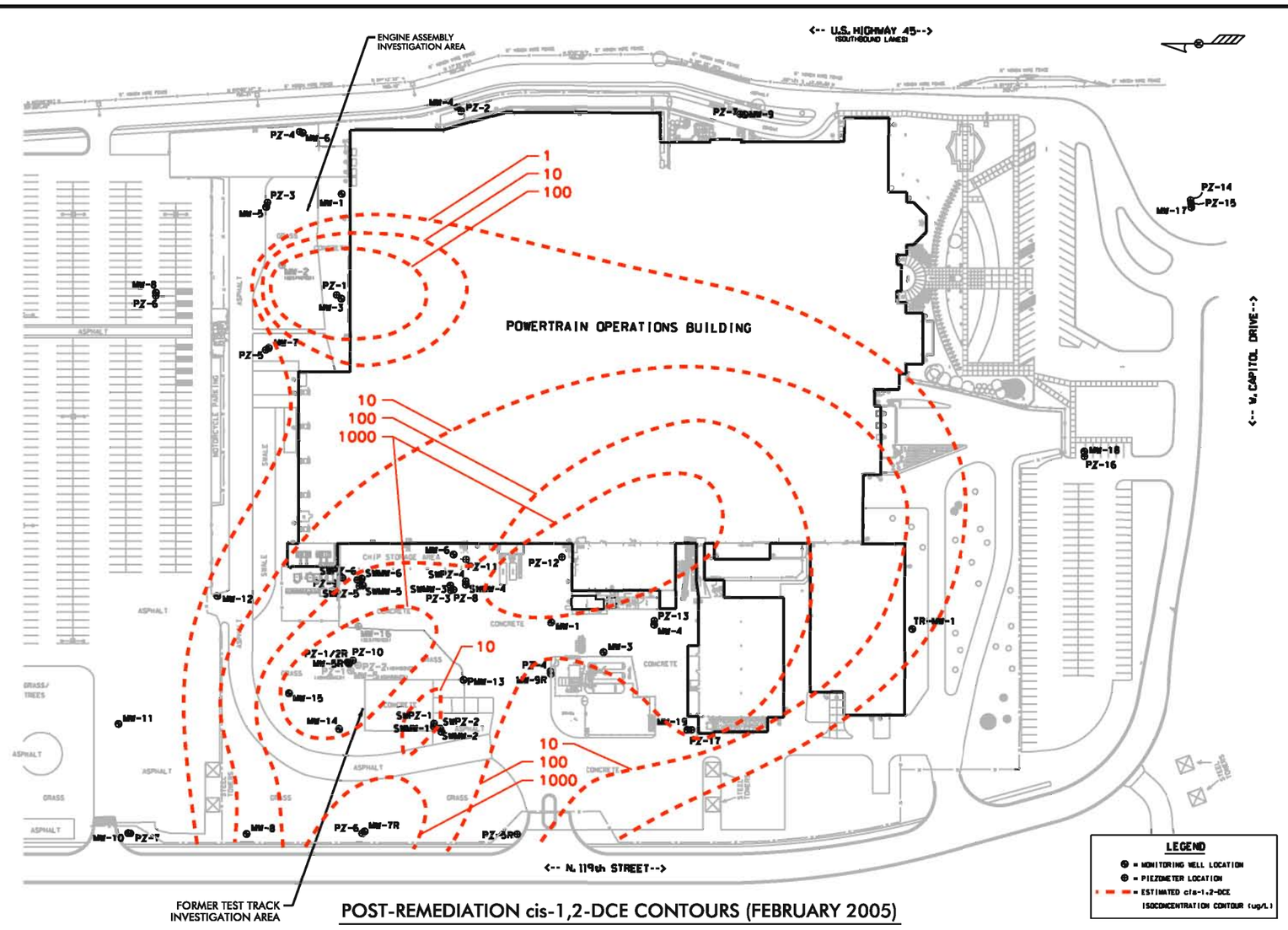
FIGURE 9C



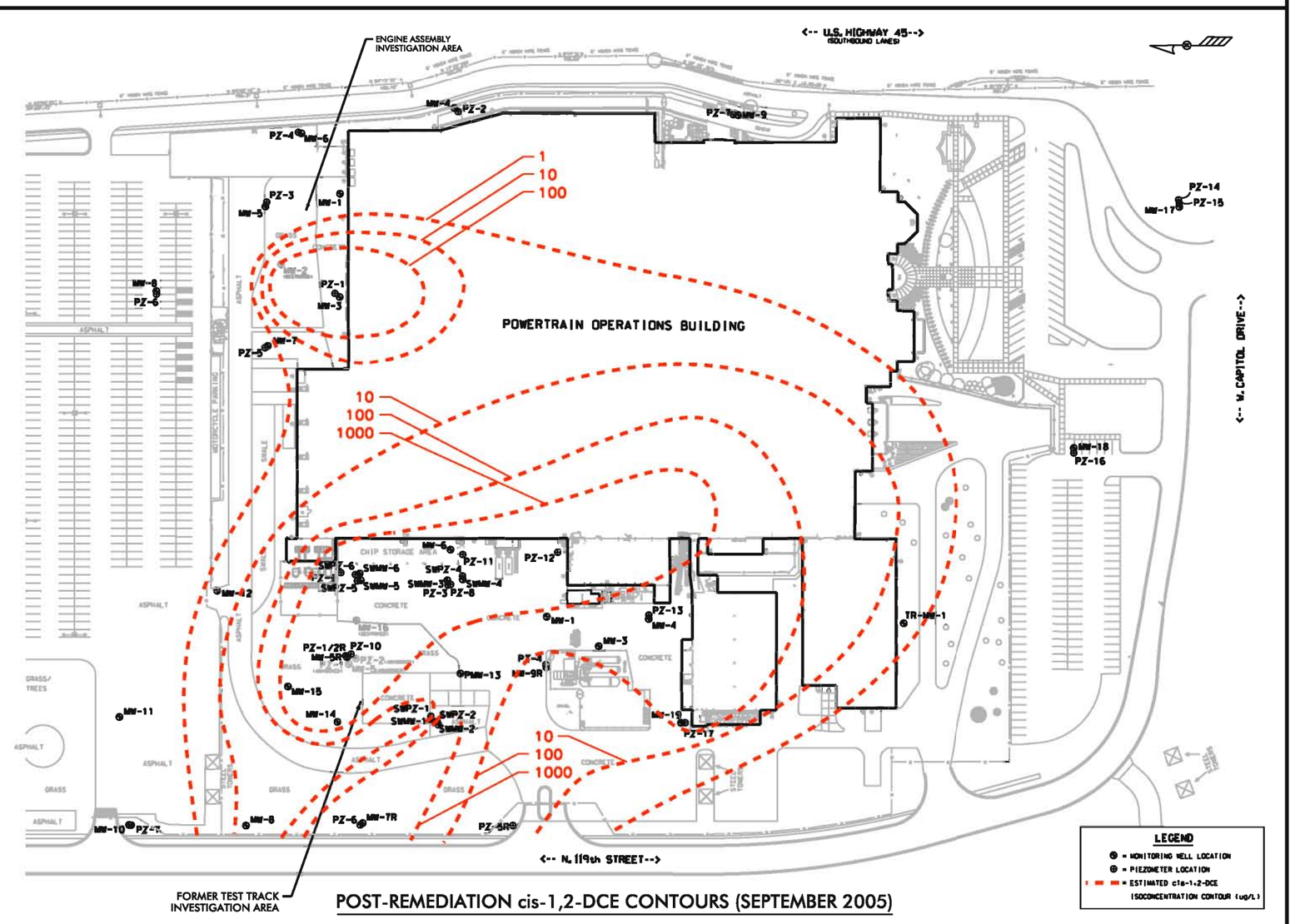
PRE-REMEDIATION cis-1,2-DCE CONTOURS



POST-REMEDIATION cis-1,2-DCE CONTOURS (AUGUST 2004)



POST-REMEDIATION cis-1,2-DCE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION cis-1,2-DCE CONTOURS (SEPTEMBER 2005)

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0' 75' 150' 225' 300'

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CHECKED BY:		
APPROVED BY:		

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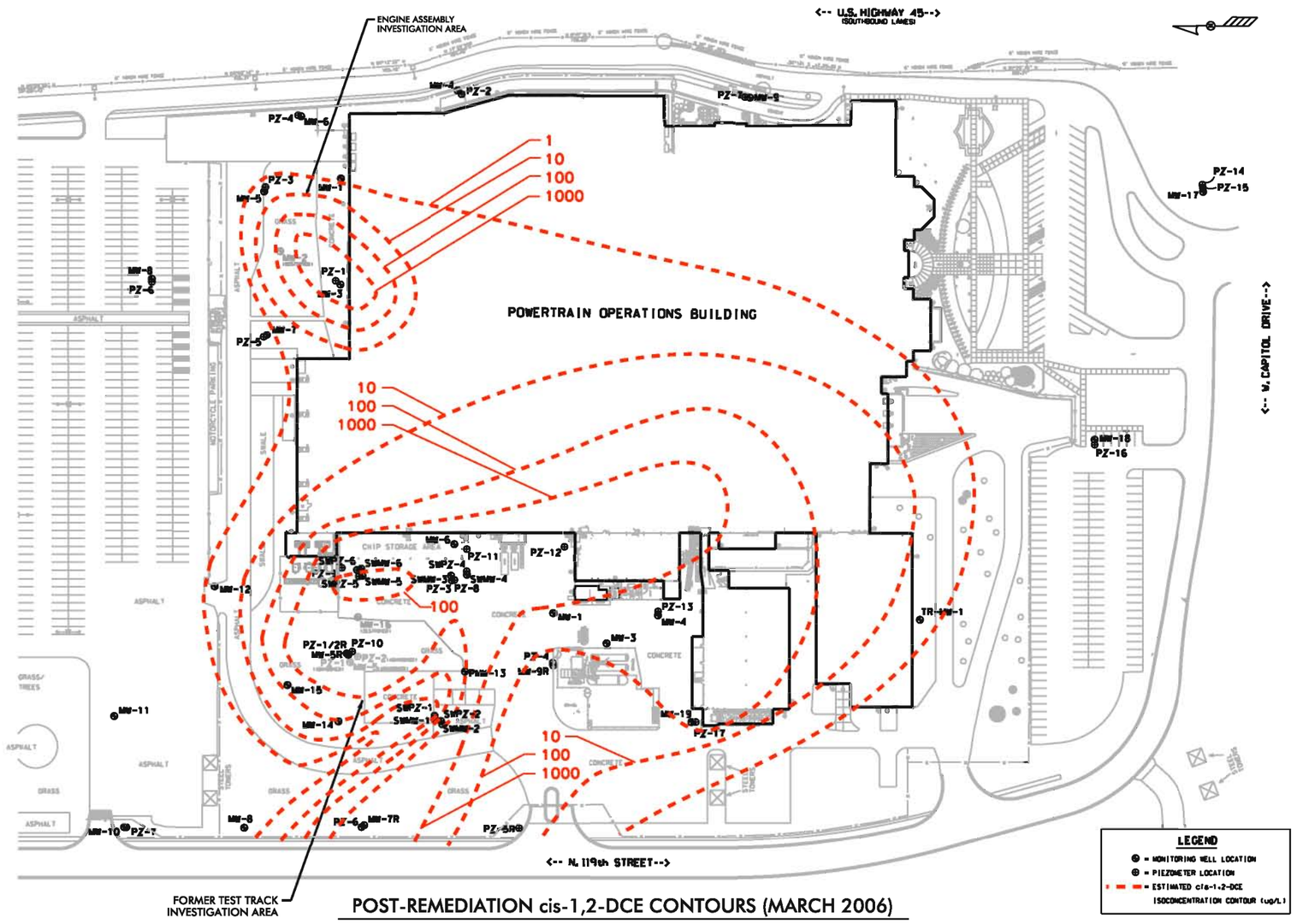
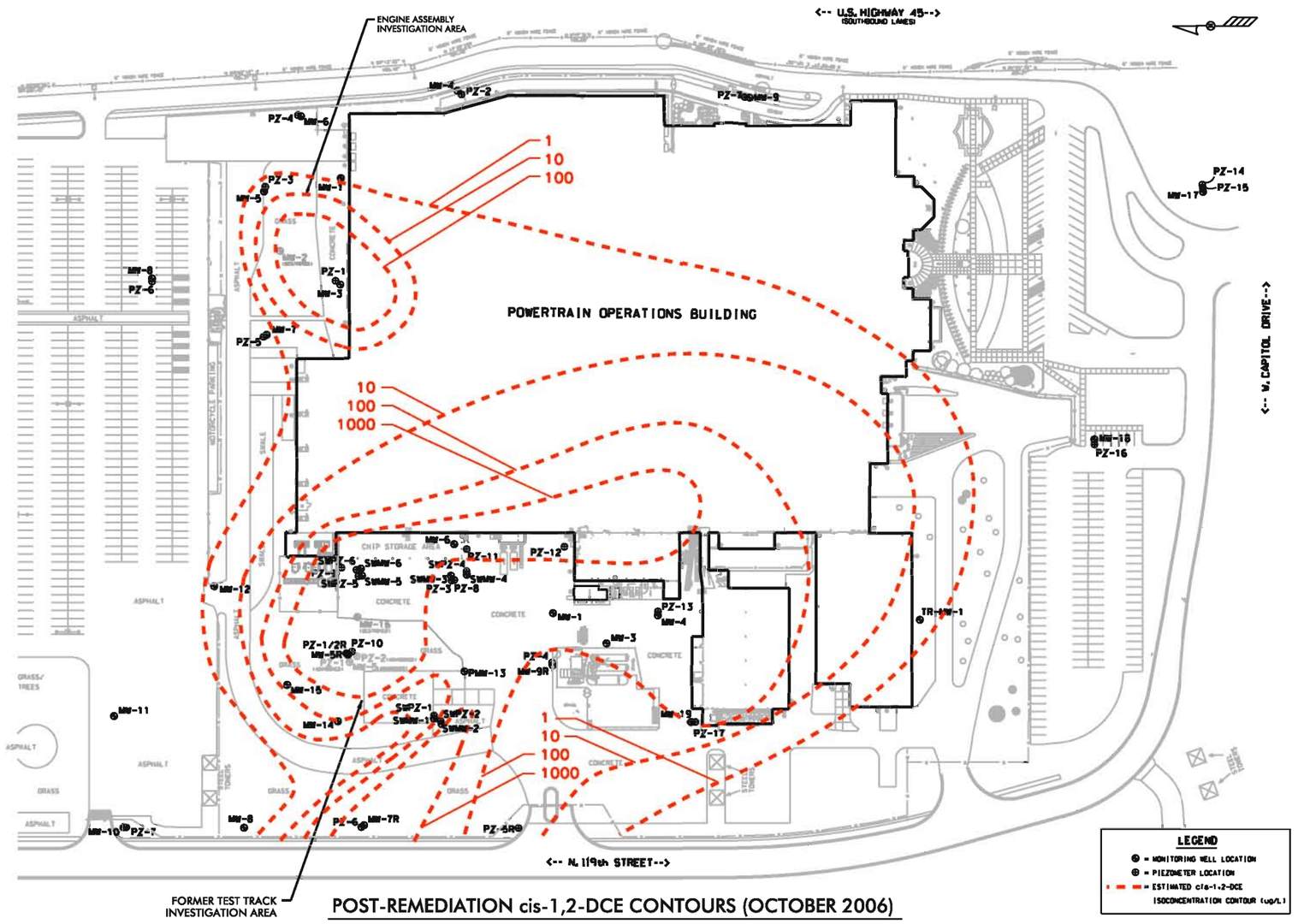
cis-1,2-DCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-079

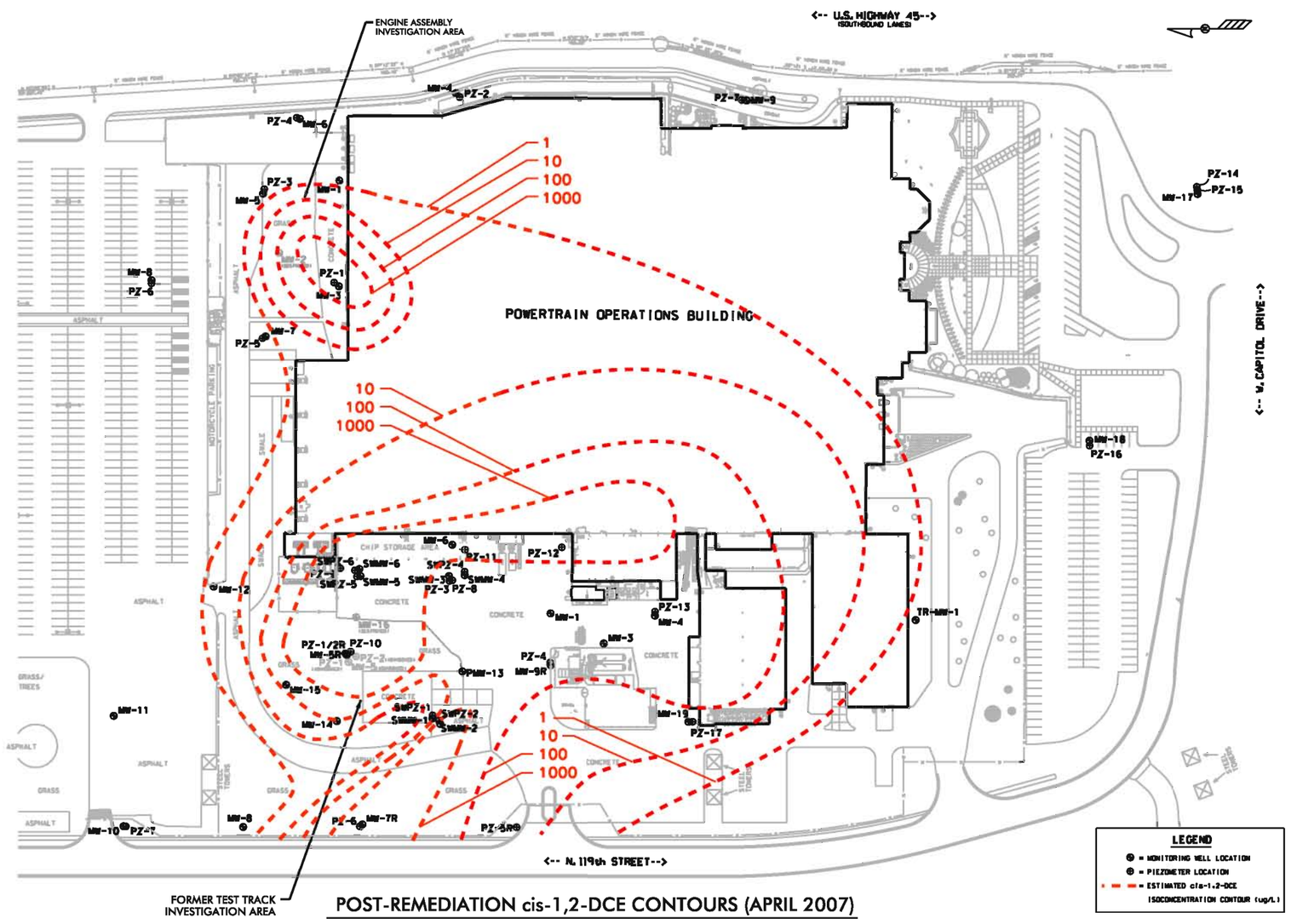
FIGURE 10A



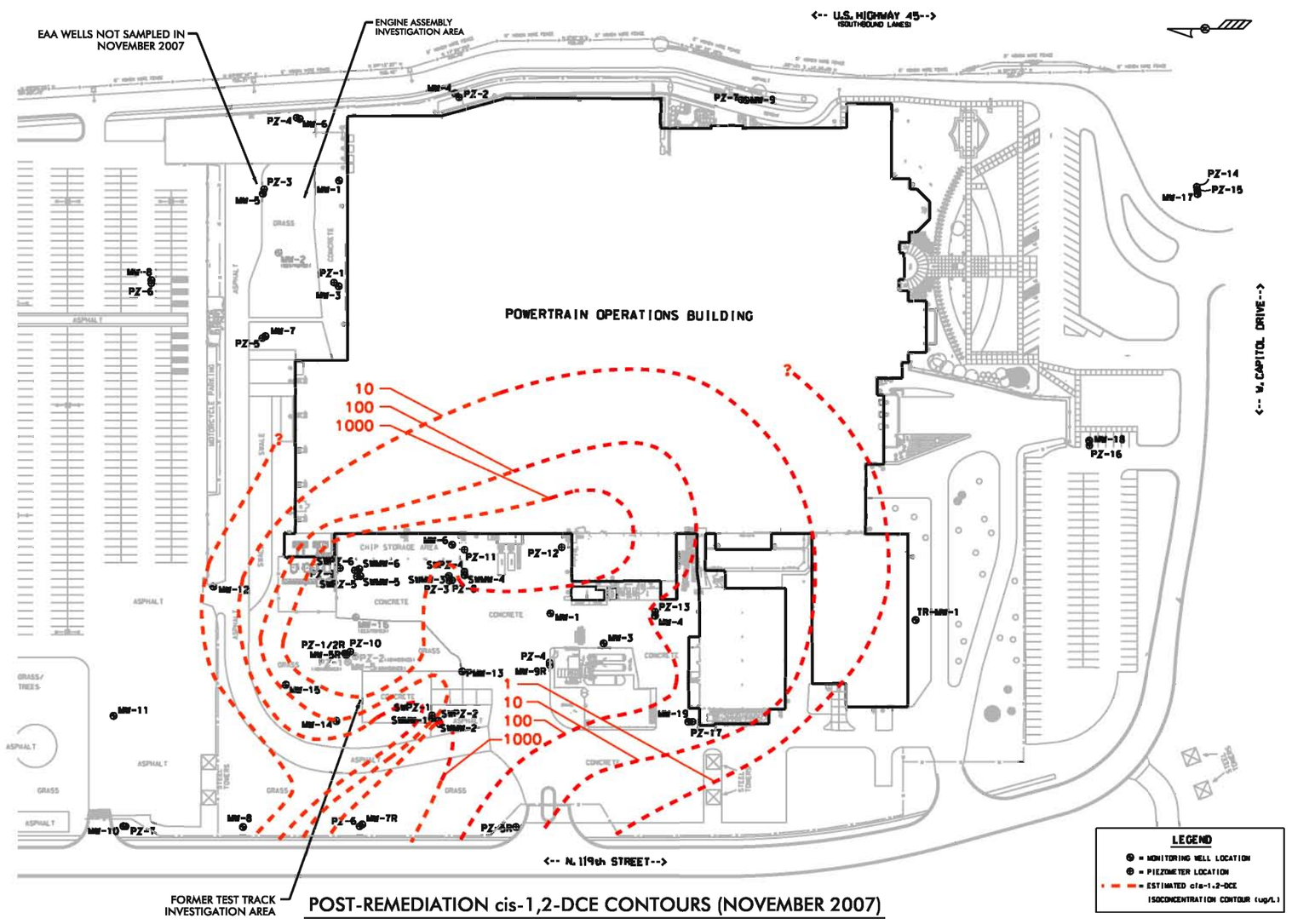
POST-REMEDIATION cis-1,2-DCE CONTOURS (MARCH 2006)



POST-REMEDIATION cis-1,2-DCE CONTOURS (OCTOBER 2006)



POST-REMEDIATION cis-1,2-DCE CONTOURS (APRIL 2007)



POST-REMEDIATION cis-1,2-DCE CONTOURS (NOVEMBER 2007)

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1-800-732-4671

SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

NO	DATE	REVISIONS	BY	APVD

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CHECKED BY:		
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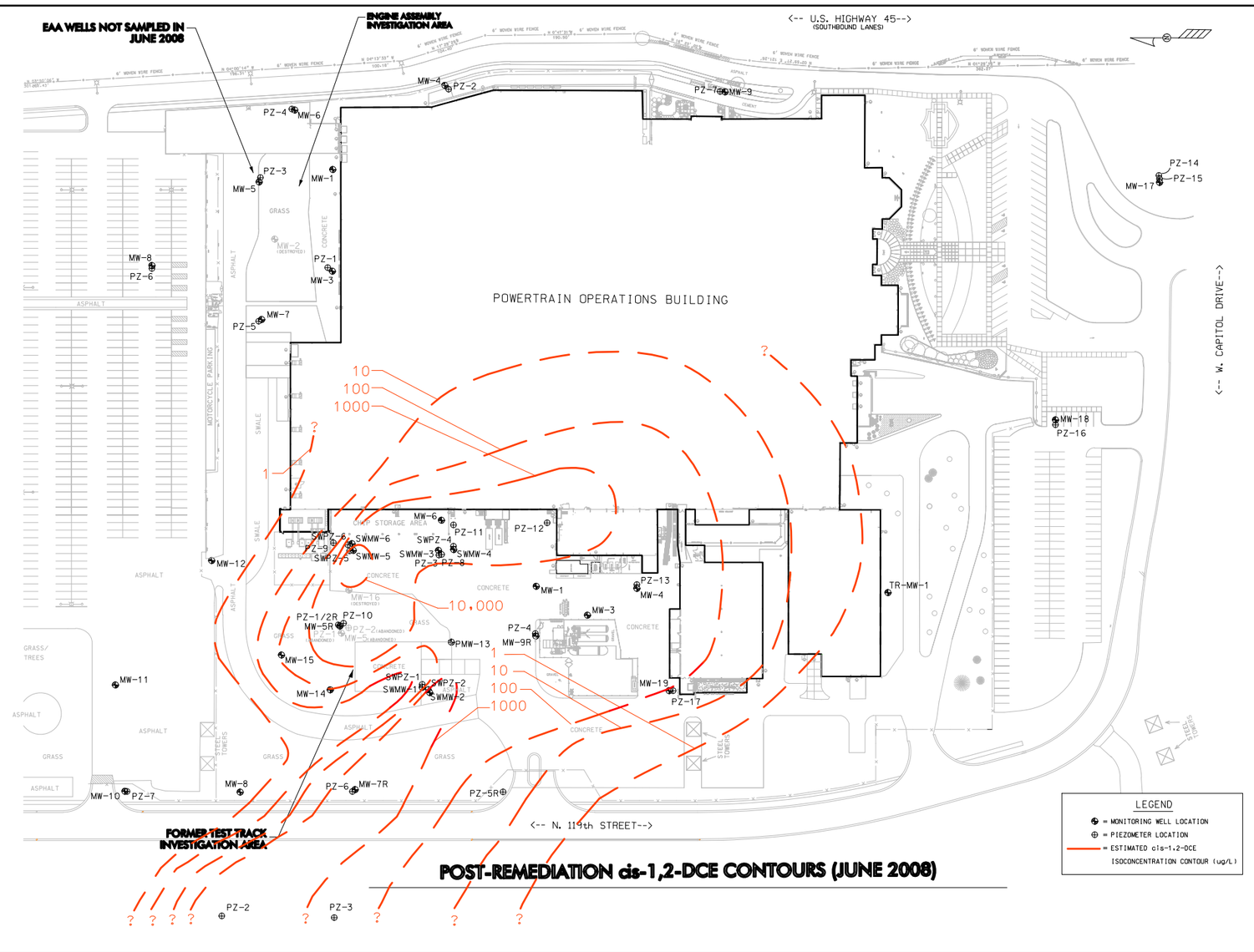
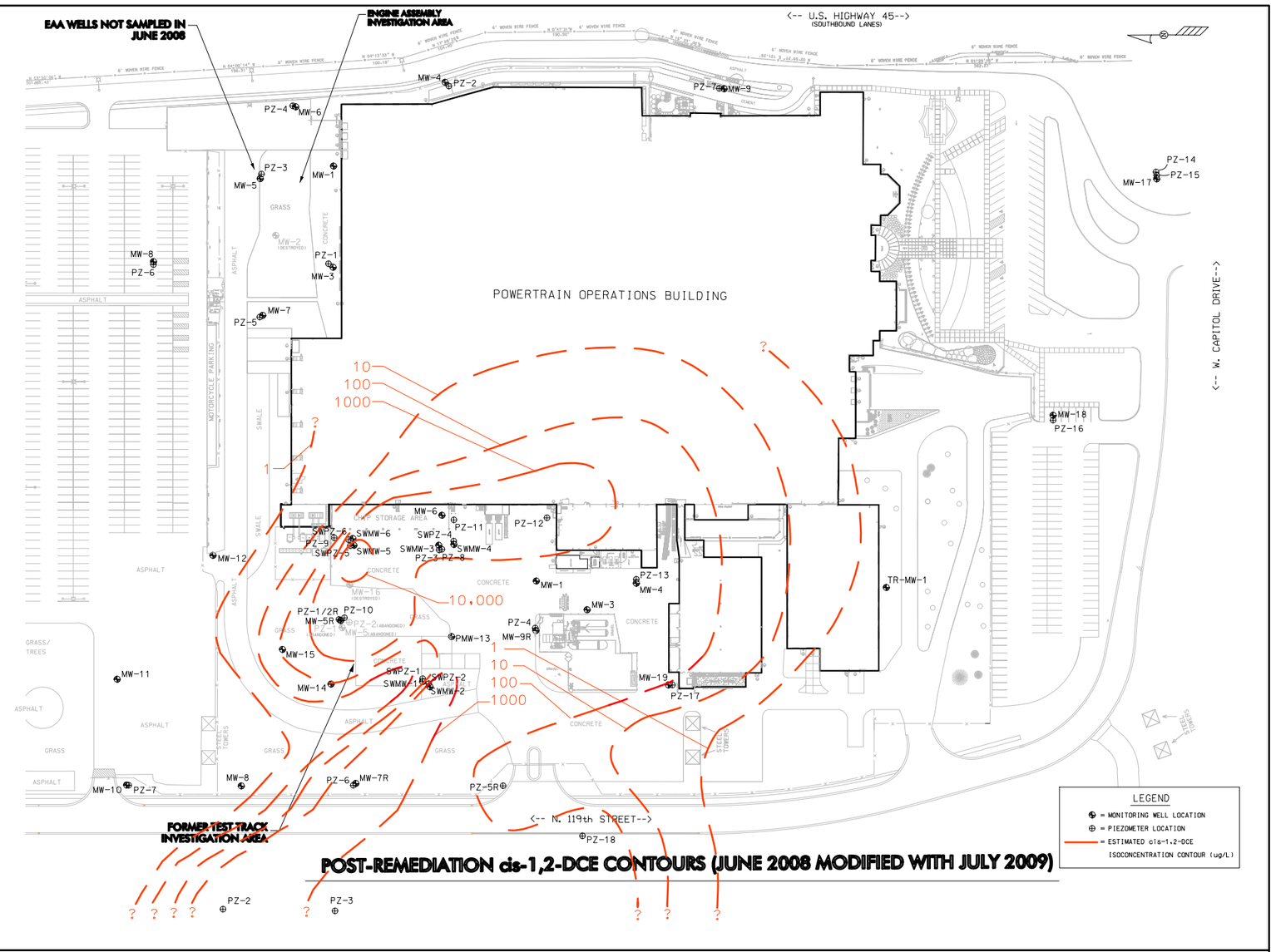
cis-1,2-DCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-089

FIGURE 10B



POST-REMEDIATION cis-1,2-DCE CONTOURS (JUNE 2008)



POST-REMEDIATION cis-1,2-DCE CONTOURS (JUNE 2008 MODIFIED WITH JULY 2009)

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SCALE – 1" = 150'
0' 75' 150' 225' 300'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	TPM	07–09–09
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

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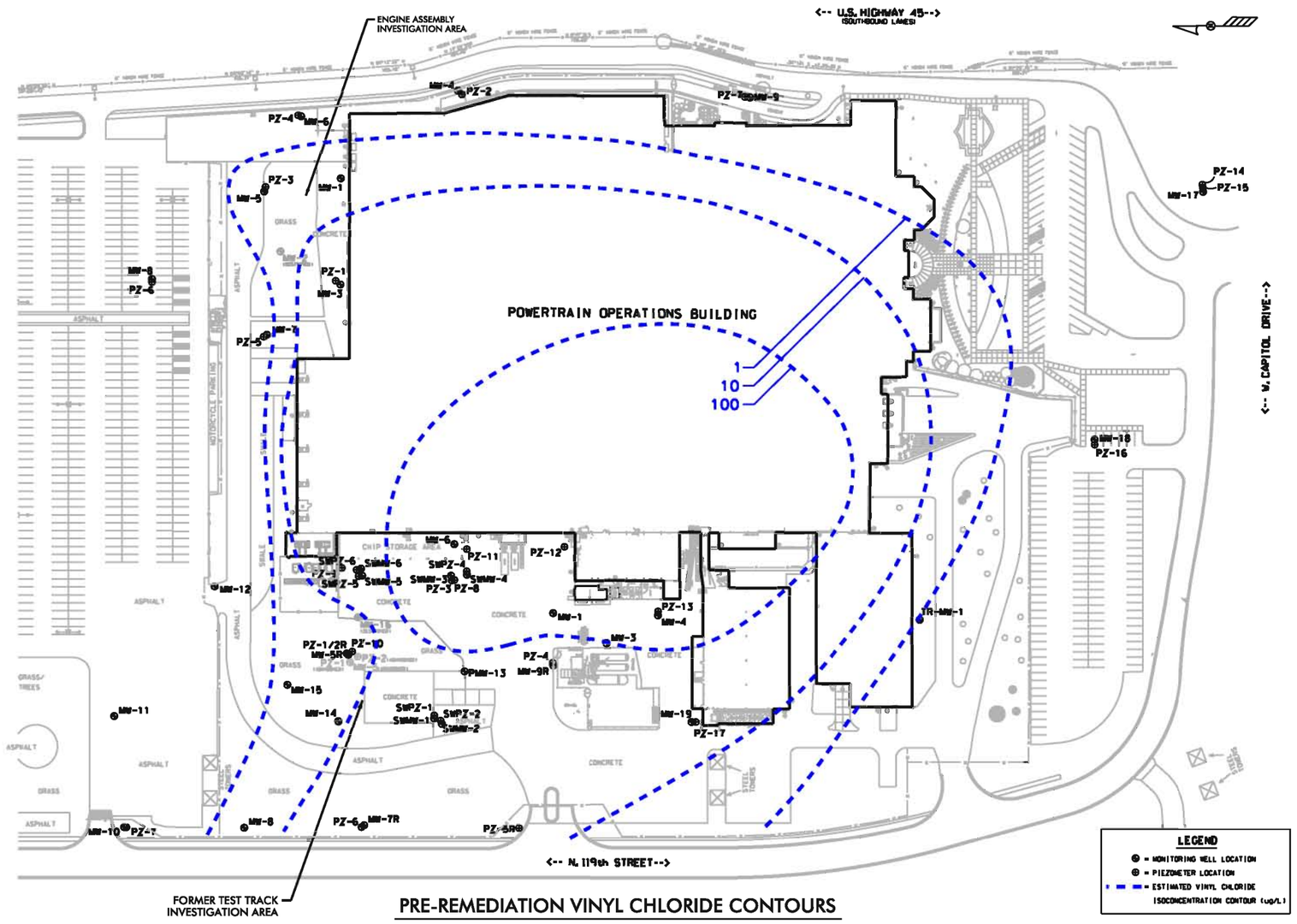
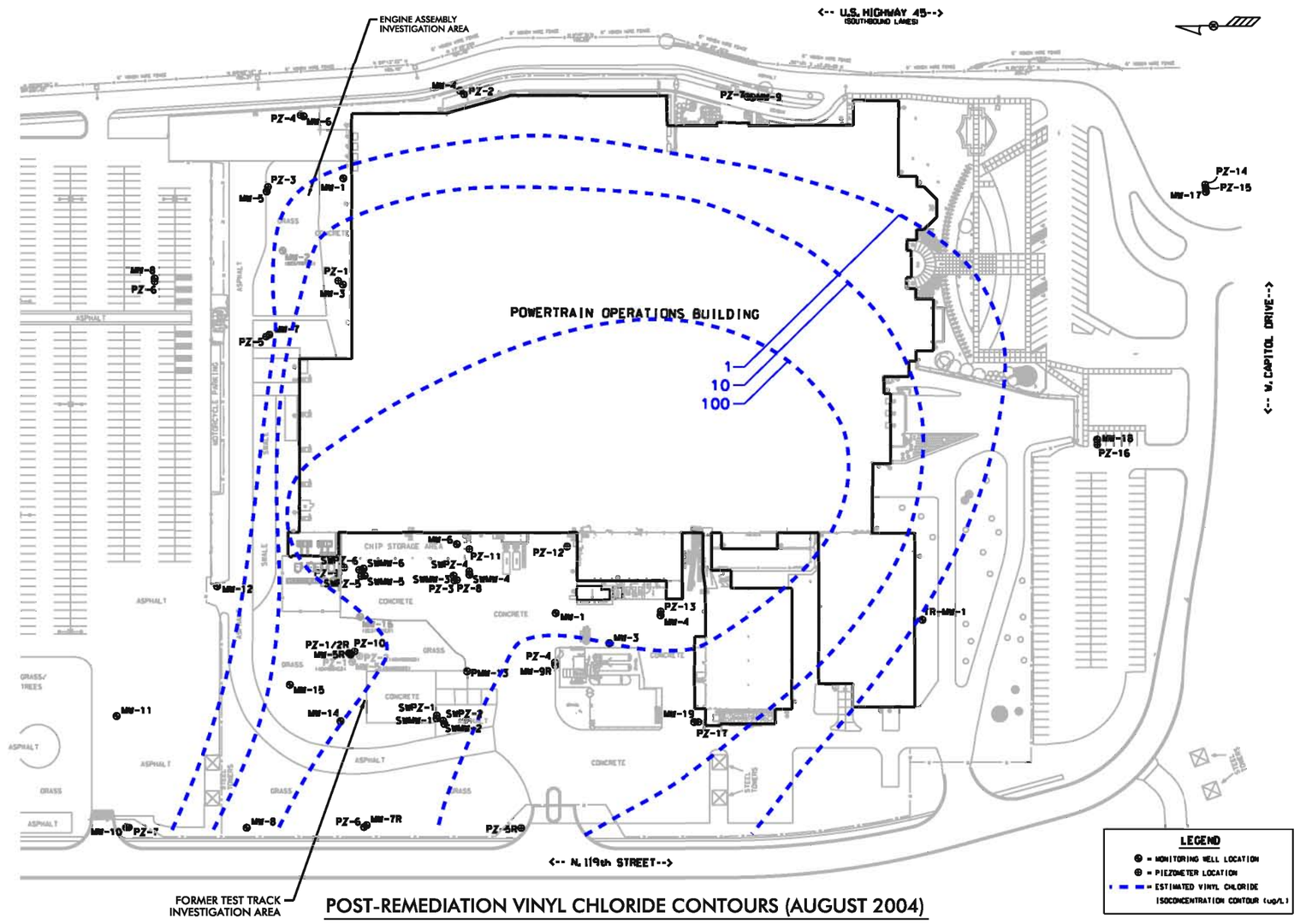
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
cis-1,2-DCE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512–108–A

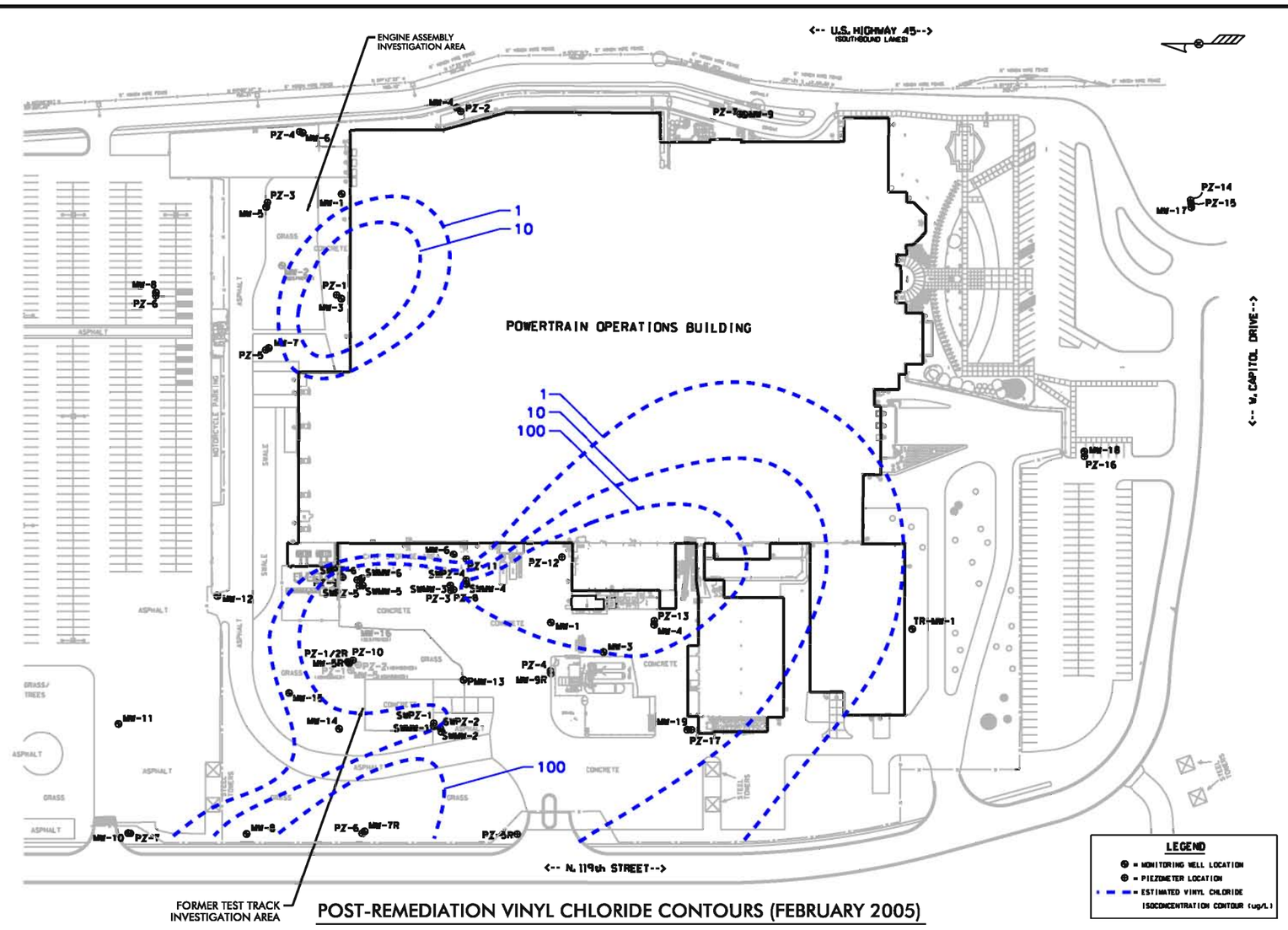
FIGURE 10C



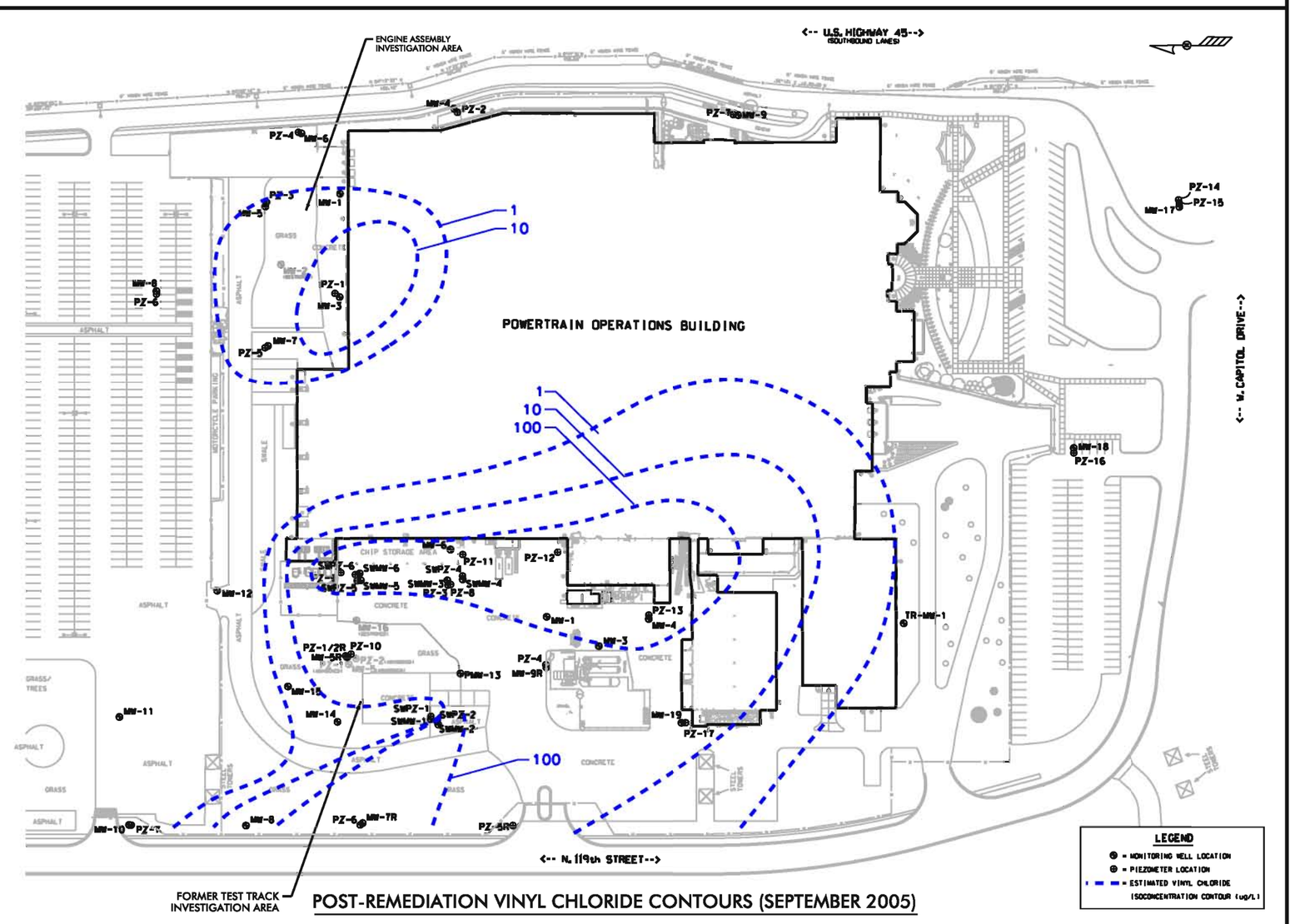
PRE-REMEDIATION VINYL CHLORIDE CONTOURS



POST-REMEDIATION VINYL CHLORIDE CONTOURS (AUGUST 2004)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (FEBRUARY 2005)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (SEPTEMBER 2005)

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1-800-732-4671

SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

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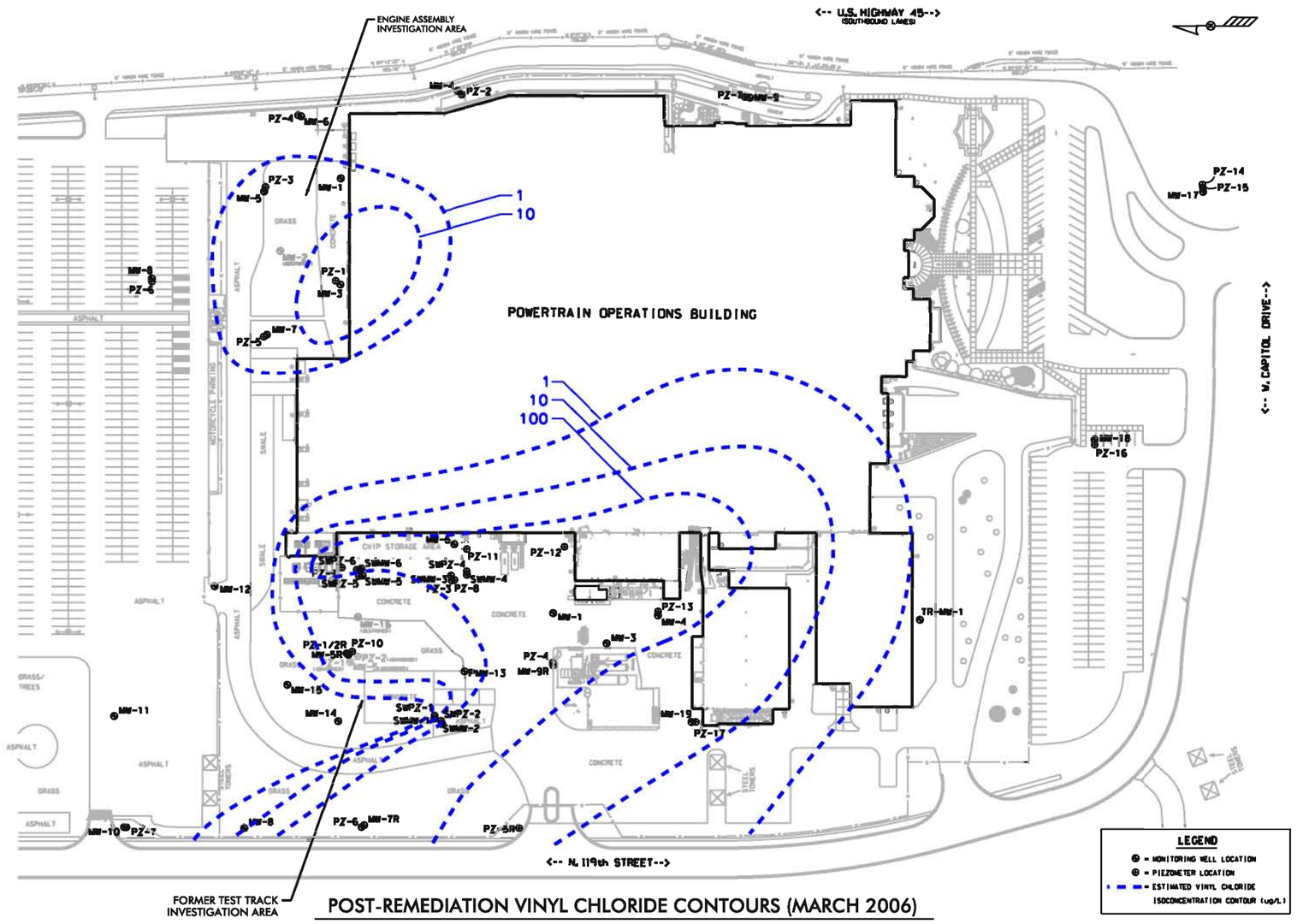
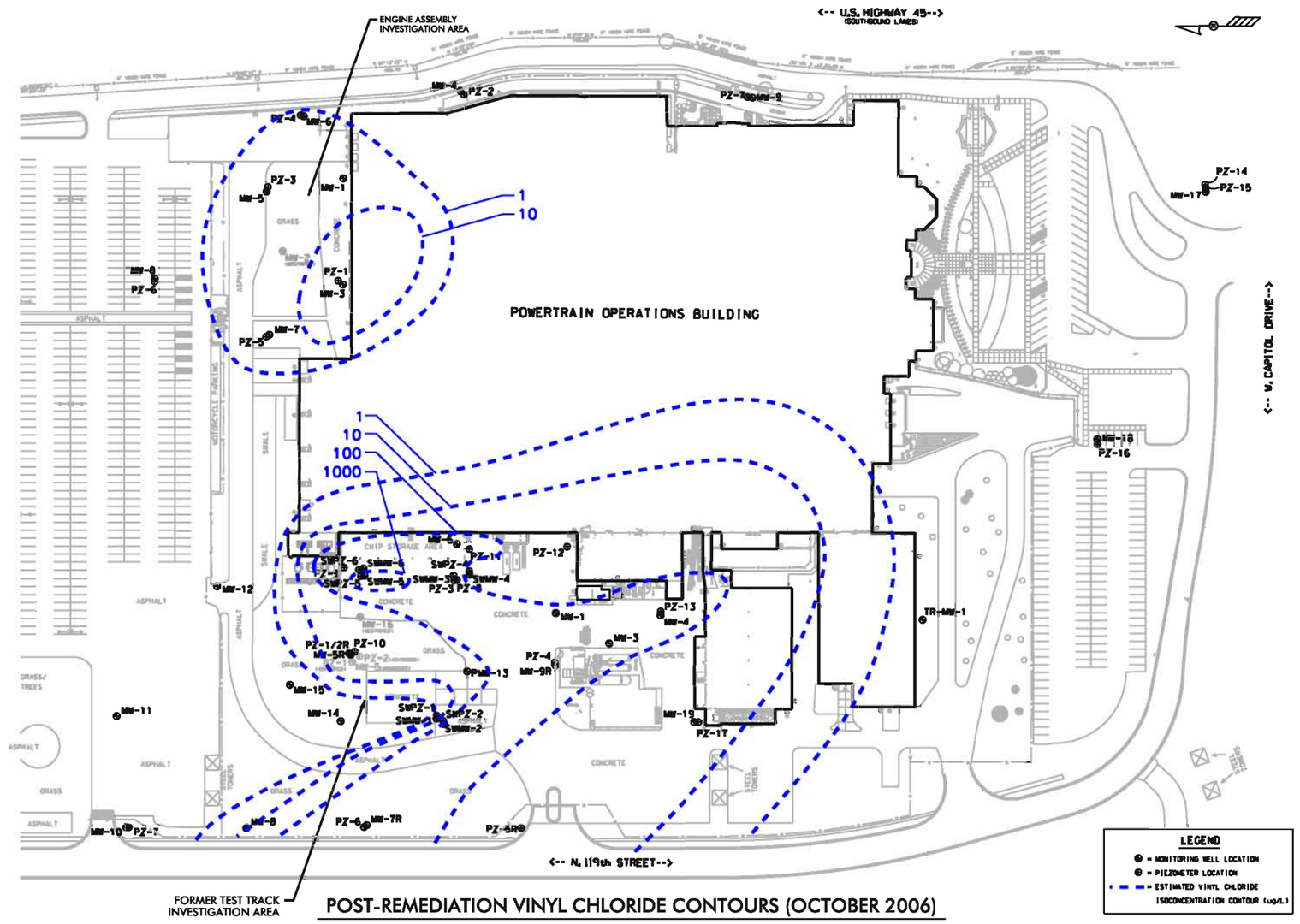
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-081

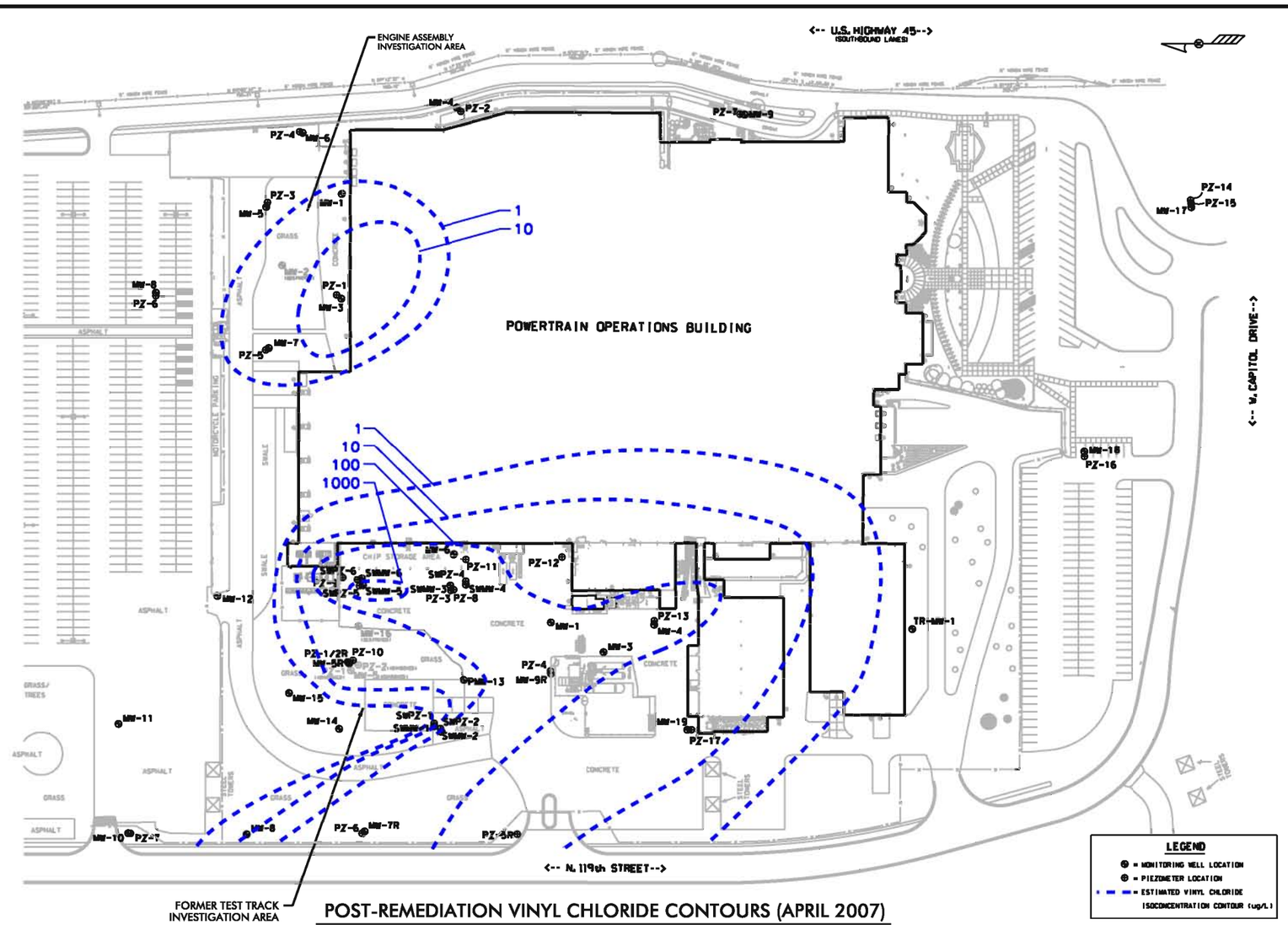
FIGURE 11A



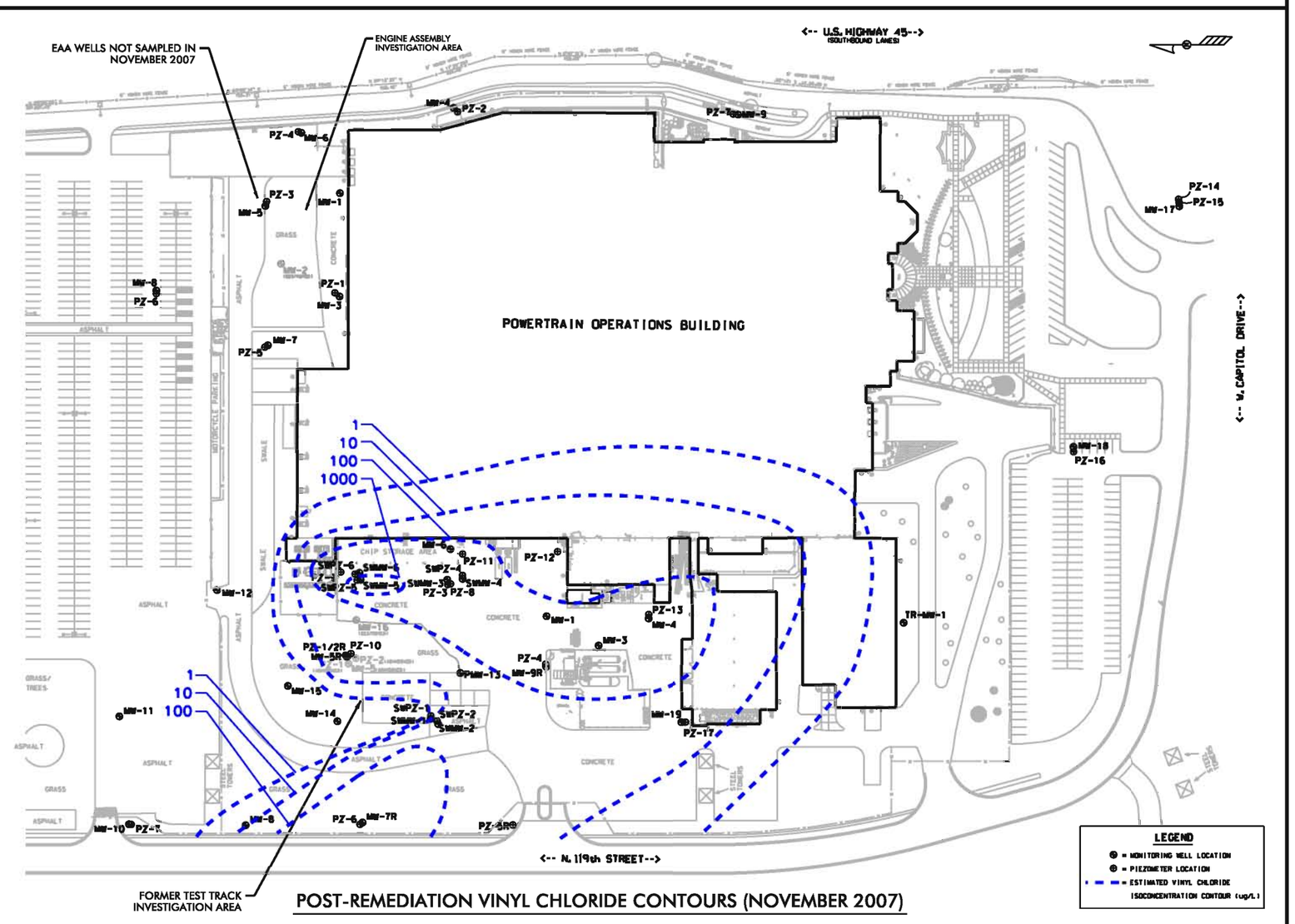
POST-REMEDIATION VINYL CHLORIDE CONTOURS (MARCH 2006)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (OCTOBER 2006)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (APRIL 2007)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (NOVEMBER 2007)

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MILWAUKEE, WISCONSIN 53233
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SCALE - 1" = 150'- 0"
0' 75' 150' 225' 300'

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APPROVED BY:		

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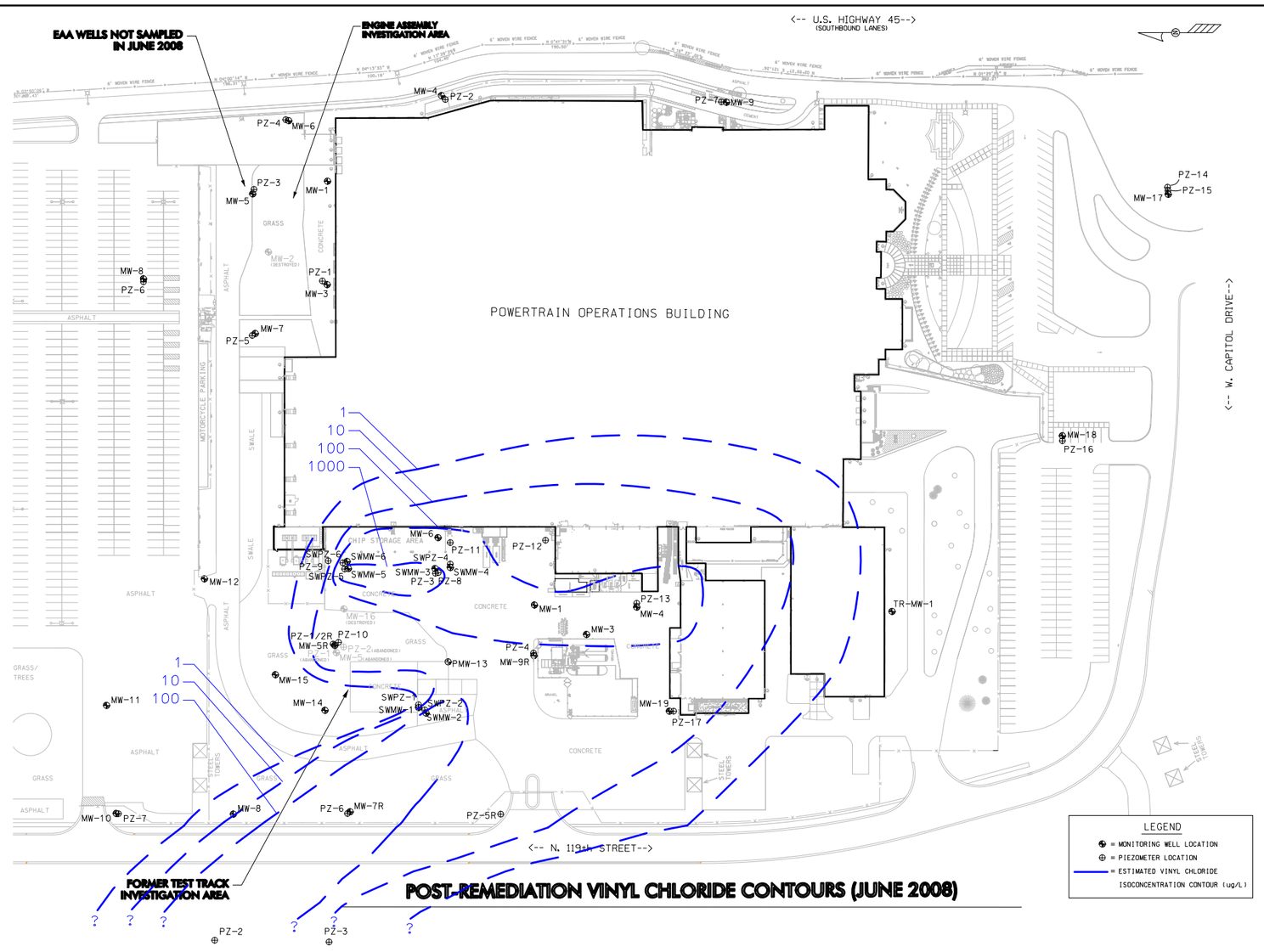
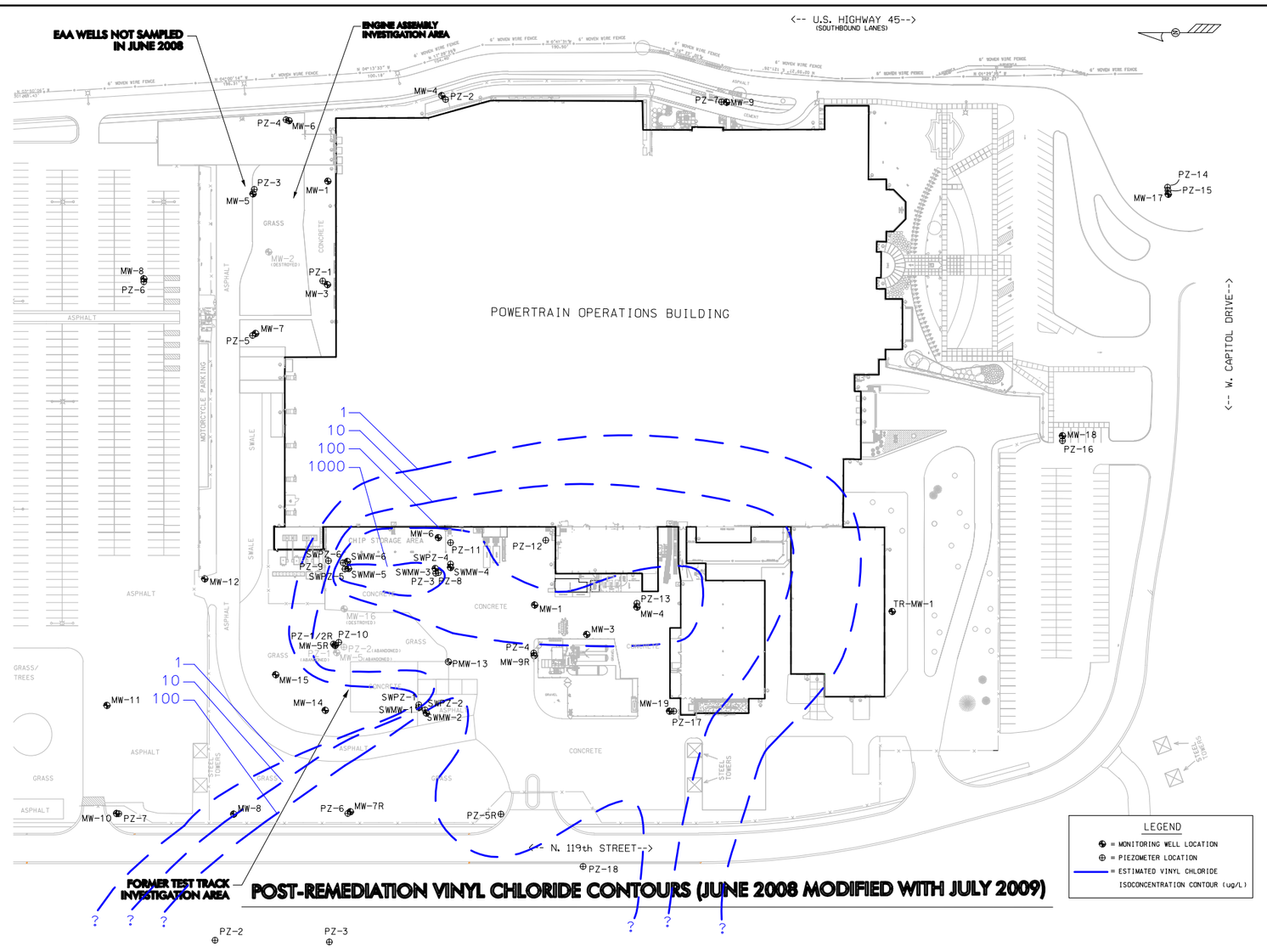
VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512-091

FIGURE 11B



POST-REMEDIATION VINYL CHLORIDE CONTOURS (JUNE 2008)



POST-REMEDIATION VINYL CHLORIDE CONTOURS (JUNE 2008 MODIFIED WITH JULY 2009)

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SCALE – 1" = 150' 0' 75' 150' 225' 300'

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VINYL CHLORIDE ISOCONCENTRATION CONTOURS FOR INTERMEDIATE PIEZOMETERS

DRAWING NUMBER
5512–109–A

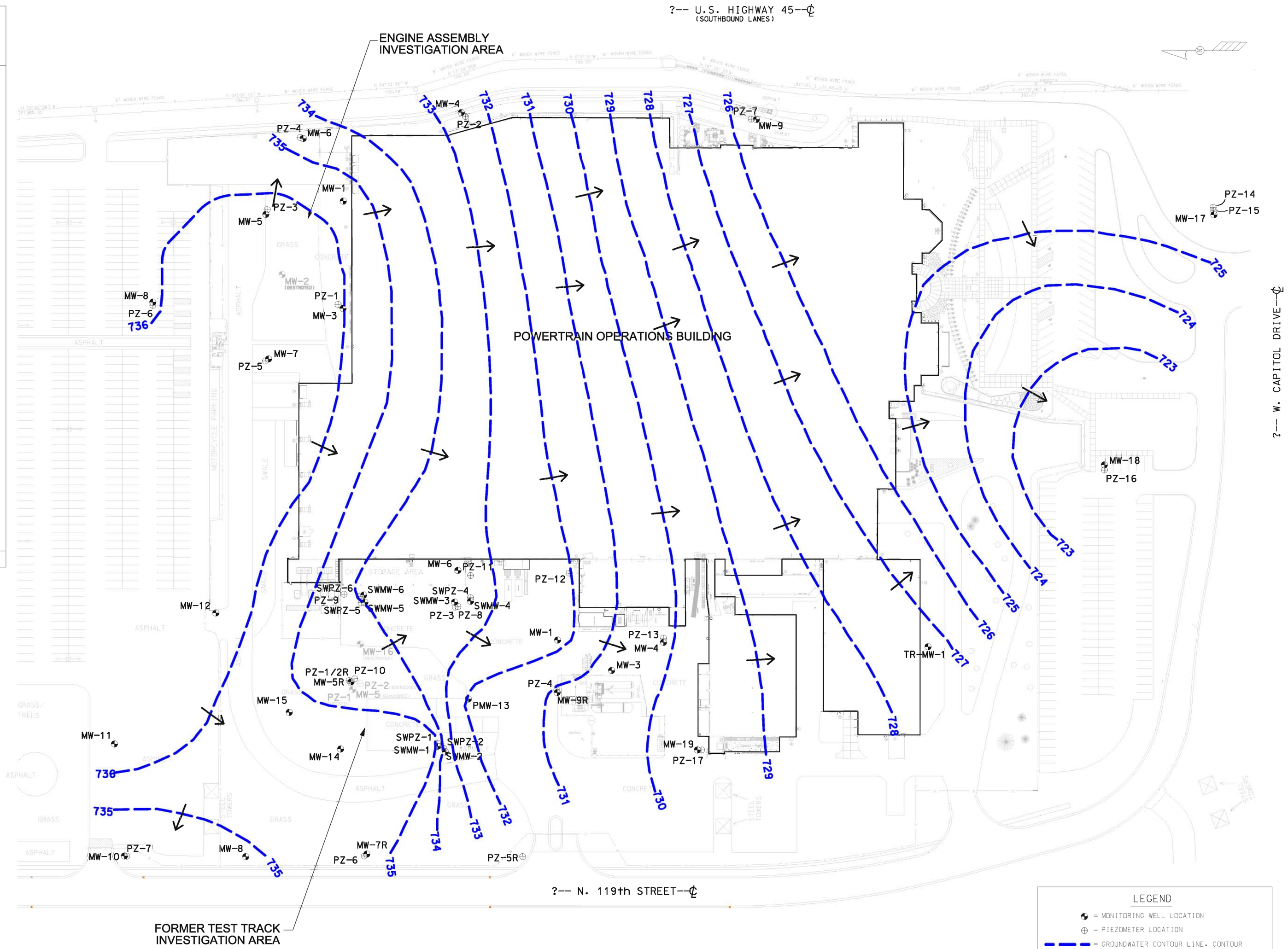
FIGURE 11C

STATIC WATER TABLE ELEVATIONS – SHALLOW WELLS MEASURED JUNE 2008 (ELEVATIONS IN FEET)

ENGINE ASSEMBLY AREA		
MW-1	--	735.80
MW-3	--	736.00
MW-4	--	732.60
MW-5	--	736.55
MW-6	--	734.17
MW-7	--	738.11
MW-8	--	735.89
MW-9	--	725.30

FORMER TEST TRACK AREA		
MW-1	--	732.19
MW-3	--	733.30*
MW-4	--	733.32*
MW-5R	--	734.06
MW-6	--	733.06
MW-7R	--	735.48
MW-8	--	734.79
MW-9R	--	730.87
MW-10	--	733.77
MW-11	--	736.82
MW-12	--	736.65
PMW-13	--	731.99
MW-14	--	736.63
MW-15	--	735.05
MW-17	--	725.85
MW-18	--	720.82
MW-19	--	729.48
SWMW-1	--	735.58
SWMW-2	--	733.27
SWMW-3	--	733.59
SWMW-4	--	733.85
SWMW-5	--	734.12
SWMW-6	--	733.88
TR-MW-1	--	727.69

* = SEE NOTE 2



LEGEND

- = MONITORING WELL LOCATION
- = PIEZOMETER LOCATION
- = GROUNDWATER CONTOUR LINE. CONTOUR INTERVAL = 1.0'
- = GROUNDWATER FLOW DIRECTION

NOTES:
1. WELL LOCATIONS HAVE BEEN SURVEYED BY SIGMA DEVELOPMENT. INC.
2. GROUNDWATER ELEVATIONS FROM WELLS MW-3 AND MW-4 WERE NOT USED TO DEVELOP GROUNDWATER CONTOURS.

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SCALE – 1" = 80' 0' 40' 80' 120' 160'

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DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
GROUNDWATER CONTOUR MAP
(SHALLOW WELLS JUNE 2008)

DRAWING NUMBER
5512-103

FIGURE 4

STATIC WATER TABLE ELEVATIONS – INTERMEDIATE PIEZOMETERS MEASURED JUNE 2008 (ELEVATIONS IN FEET)

ENGINE ASSEMBLY AREA

PZ-1	--	729.83
PZ-2	--	725.96
PZ-3	--	729.87
PZ-4	--	728.56
PZ-5	--	730.46
PZ-6	--	729.82
PZ-7	--	724.89

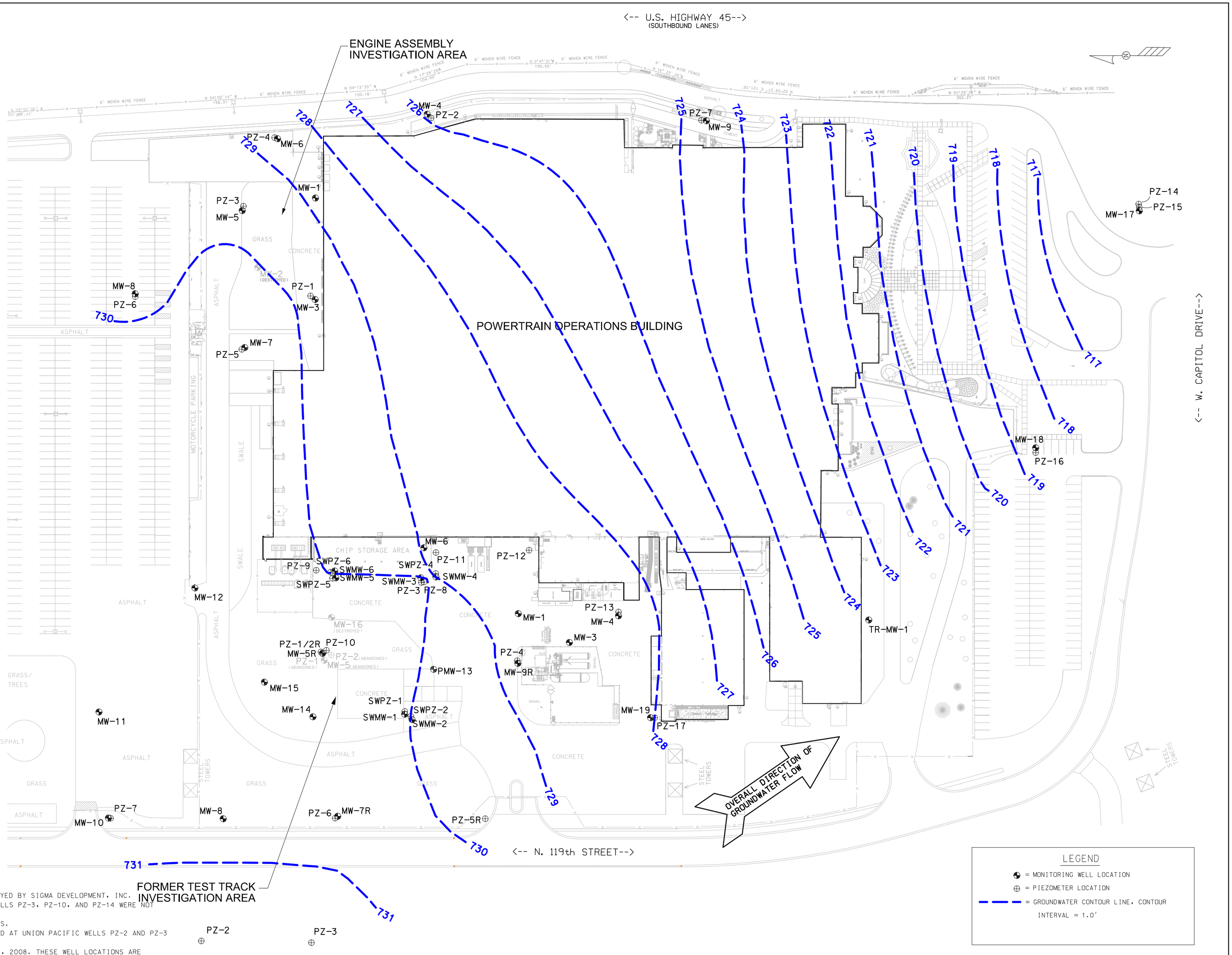
FORMER TEST TRACK AREA

PZ-1/2R	--	730.53
PZ-3	--	723.06*
PZ-4	--	728.66
PZ-5R	--	729.66
PZ-6	--	730.59
PZ-7	--	730.61
PZ-8	--	730.87
PZ-9	--	730.53
PZ-10	--	717.75*
PZ-11	--	728.78
PZ-12	--	728.74
PZ-13	--	728.77
PZ-14	--	715.27*
PZ-15	--	714.67
PZ-16	--	718.53
PZ-17	--	728.02
SWPZ-1	--	730.73
SWPZ-2	--	729.69
SWPZ-4	--	728.84
SWPZ-5	--	730.55
SWPZ-6	--	729.92

UNION PACIFIC PROPERTY

PZ-2	--	731.66**
PZ-3	--	731.63**

* = SEE NOTE 2
** = SEE NOTE 3



LEGEND

- = MONITORING WELL LOCATION
- = PIEZOMETER LOCATION
- = GROUNDWATER CONTOUR LINE, CONTOUR INTERVAL = 1.0'

NOTES:
1. WELL LOCATIONS HAVE BEEN SURVEYED BY SIGMA DEVELOPMENT, INC.
2. GROUNDWATER ELEVATIONS FROM WELLS PZ-3, PZ-10, AND PZ-14 WERE NOT USED TO DEVELOP GROUNDWATER CONTOURS.
3. GROUNDWATER ELEVATIONS MEASURED AT UNION PACIFIC WELLS PZ-2 AND PZ-3 WERE RECORDED BY ARCADIS ON APRIL 3, 2008. THESE WELL LOCATIONS ARE APPROXIMATE.

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SCALE – 1" = 80' 0' 40' 80' 120' 160'

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DESIGNED BY:		
CHECKED BY:		
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HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
GROUNDWATER POTENTIOMETRIC SURFACE MAP
(INTERMEDIATE PIEZOMETERS JUNE 2008)

DRAWING NUMBER
5512-102

FIGURE 1

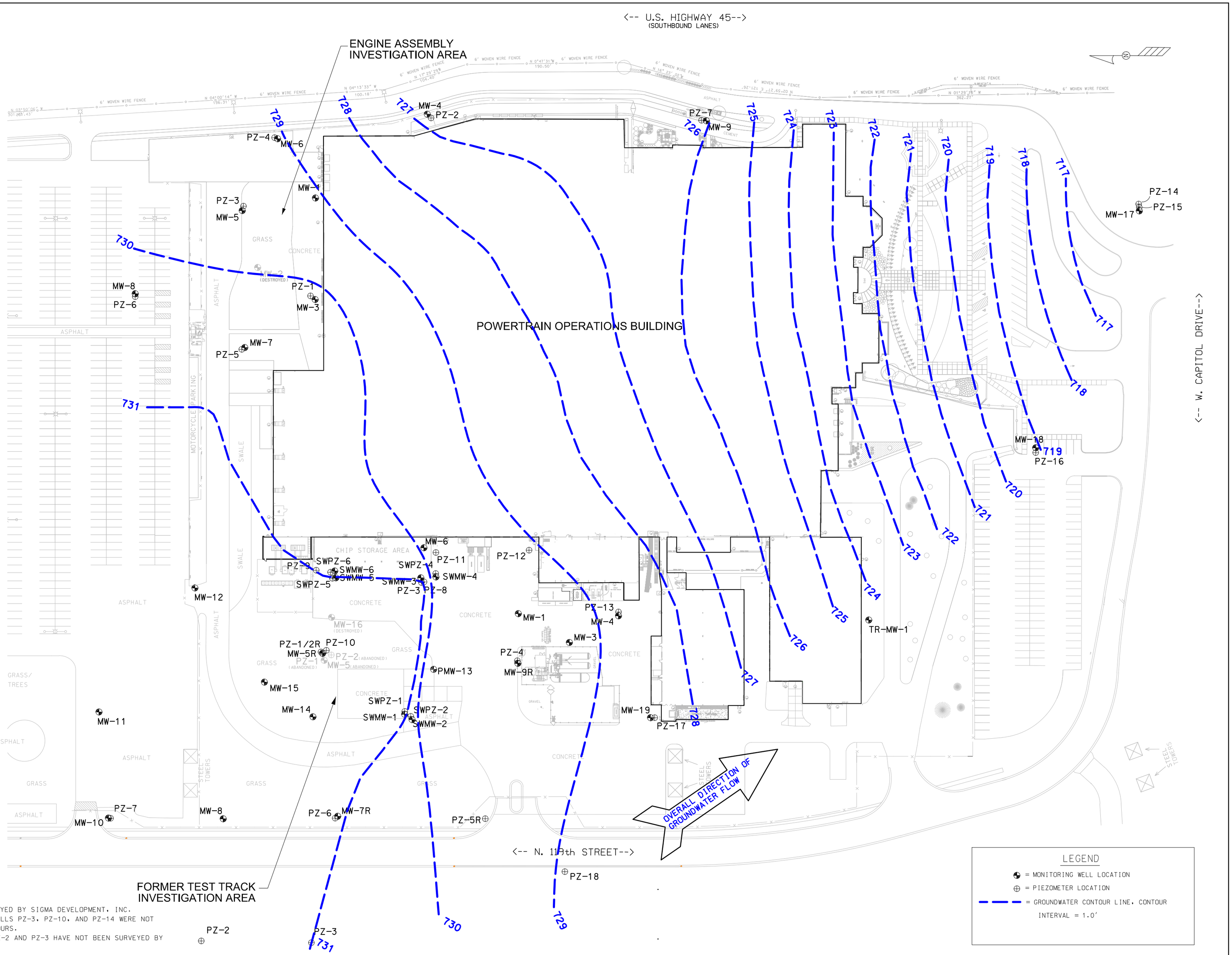
STATIC WATER TABLE ELEVATIONS – INTERMEDIATE PIEZOMETERS MEASURED JULY 2009 (ELEVATIONS IN FEET)

ENGINE ASSEMBLY AREA		
PZ-1	--	730.27
PZ-2	--	726.77
PZ-3	--	729.36
PZ-4	--	729.07
PZ-5	--	730.89
PZ-6	--	730.25
PZ-7	--	726.25

FORMER TEST TRACK AREA		
PZ-1/2R	--	731.19
PZ-3	--	723.93*
PZ-4	--	729.13
PZ-5R	--	729.58
PZ-6	--	731.12
PZ-7	--	731.63
PZ-8	--	731.29
PZ-9	--	730.98
PZ-10	--	717.81*
PZ-11	--	729.33
PZ-12	--	729.09
PZ-13	--	728.93
PZ-14	--	715.56*
PZ-15	--	715.22
PZ-16	--	719.08
PZ-17	--	728.65
PZ-18	--	728.86
SWPZ-1	--	731.24
SWPZ-2	--	730.05
SWPZ-4	--	729.32
SWPZ-5	--	731.12
SWPZ-6	--	730.48

OFF-SITE LOCATIONS		
PZ-2**	--	731.04
PZ-3**	--	731.00

* = SEE NOTE 2
** = SEE NOTE 3



NOTES:
1. WELL LOCATIONS HAVE BEEN SURVEYED BY SIGMA DEVELOPMENT, INC.
2. GROUNDWATER ELEVATIONS FROM WELLS PZ-3, PZ-10, AND PZ-14 WERE NOT USED TO DEVELOP GROUNDWATER CONTOURS.
3. LOCATIONS OF OFF-SITE WELLS PZ-2 AND PZ-3 HAVE NOT BEEN SURVEYED BY SIGMA AND ARE APPROXIMATE.

LEGEND
= MONITORING WELL LOCATION
= PIEZOMETER LOCATION
= GROUNDWATER CONTOUR LINE, CONTOUR INTERVAL = 1.0'

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SCALE – 1" = 80'
0' 40' 80' 120' 160'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
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HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
GROUNDWATER POTENTIOMETRIC SURFACE MAP
(INTERMEDIATE PIEZOMETERS JULY 2009)

DRAWING NUMBER
5512-102-A

FIGURE 2

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12	GP-13	GP-14
Sample Depth (feet bgs):		4 - 6	0 - 2	2 - 4	4 - 6	2 - 4	0 - 2	0 - 2	2 - 4	4 - 6	2 - 4	2 - 4	4 - 6	4 - 6	0 - 2
	Date:	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01	12/20/01
Photoionization Detector	ppm	0.0	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CVOCs & Detected VOCs															
cis-1,2-Dichloroethene	µg/kg	<29	<29	<35	<31	<30	<27	<27	<29	<27	<29	<29	<30	<30	<29
trans-1,2-Dichloroethene	µg/kg	<29	<29	<35	<31	<30	<27	<27	<29	<27	<29	<29	<30	<30	<29
Methylene Chloride	µg/kg	588	<59	176 "L"	<62	<60	229 "L"	77 "L"	344	81 "L"	79 "L"	141 "L"	97 "L"	143 "L"	<57
Trichloroethene	µg/kg	<29	<29	<35	<31	<30	<27	<27	<29	<27	<29	<29	<30	<30	172
Vinyl Chloride	µg/kg	<29	<29	<35	<31	<30	<27	<27	<29	<27	<29	<29	<30	<30	<29

Notes:
1. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
2. "L" = common laboratory solvent and contaminant

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		GP-1		GP-2	GP-3		GP-4		GP-5		GP-6		GP-7
Sample Depth (feet bgs):		0 - 2	6 - 8	4 - 6	2 - 4	8 - 10	4 - 6	6 - 8	6 - 8	8 - 10	6 - 8	8 - 10	2 - 4
	Date:	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02	2/12/02
Photoionization Detector	ppm	25	200	0.4	0.4	3.6	4	6.6	105	185	30	145	0.1
Total Organic Carbon	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOCs													
sec-Butylbenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Chloroform	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
1,1-Dichloroethane	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
1,1-Dichloroethene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
cis-1,2-Dichloroethene	µg/kg	<29	<5,770	<29	<30	<30	418	1,160	14,800	11,400	3,990	6,540	51
trans-1,2-Dichloroethene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Ethylbenzene	µg/kg	<29	<29	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Hexachlorobutadiene	µg/kg	<41	<8,080	<41	<41	<41	<41	<41	<2,220	<4,150	<846	<4,160	<44
Isopropylbenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
p-Isopropyltoluene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Methylene Chloride	µg/kg	<58	<11,500	<58	<59	<59	<58	<58	<3,080	<5,920	<1,210	<5,950	<63
Naphthalene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
n-Propylbenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Tetrachloroethene	µg/kg	<29	<5,770	84	98	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Toluene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
1,2,4-Trichlorobenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
1,1,1-Trichloroethane	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Trichloroethene	µg/kg	349	450,000	<29	47	<30	174	688	49,300	201,000	19,300	392,000	177
1,2,4-Trimethylbenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
1,3,5-Trimethylbenzene	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Vinyl Chloride	µg/kg	<29	<5,770	<29	<30	<30	<29	<29	<1,480	<2,960	<605	<2,970	<32
Xylenes, total	µg/kg	<41	<8,080	<41	<41	<41	<41	<41	<2,220	<4,150	<846	<4,160	<44

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. "M" = matrix interference
4. "I" = total VOC sample not analyzed with methanol due to comparison with TCLP/SPLP data
5. "L" = common laboratory solvent and contaminant
6. "J" = estimated concentration
7. NA = not analyzed

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		GP-8		GP-9		GP-10	GP-11		GP-12		GP-13		GP-14	MeOH
Sample Depth (feet bgs):		2 - 4	6 - 8	0 - 2	2 - 4	4 - 6	0 - 2	4 - 6	1 - 2	6 - 8	2 - 4	4 - 6	0 - 2	Blank
	Date:	2/12/02	2/12/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02	2/13/02
Photoionization Detector	ppm	1.4	20	184	42	1	1.7	7.4	2.2	5.4	13	62	1.2	---
Total Organic Carbon	mg/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOCs														
sec-Butylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Chloroform	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
1,1-Dichloroethane	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
1,1-Dichloroethene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
cis-1,2-Dichloroethene	µg/kg	<29	2,020	<32	<29	152	43	957	<31	554	1,150	10,600 "J"	<29	<25
trans-1,2-Dichloroethene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	186	<29	<25
Ethylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Hexachlorobutadiene	µg/kg	<41	<415	<45	<41	<41	<40	<419	<44	<41	<41	<41	<41	<35
Isopropylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
p-Isopropyltoluene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Methylene Chloride	µg/kg	<59	<593	<65	<59	<58	<57	<598	<62	<59	<58	<58	<58	<50
Naphthalene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
n-Propylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Tetrachloroethene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Toluene	µg/kg	<29	<297	<32	31	<29	<28	<299	<31	<29	<29	<29	<29	<25
1,2,4-Trichlorobenzene	µg/kg	<29	<297	<32	<29	<29	46	<299	<31	<29	<29	<29	<29	<25
1,1,1-Trichloroethane	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Trichloroethene	µg/kg	808	13,000	142	282	373	125	13,200	<31	4,010	17,500 "J"	25,600 "J"	<29	<25
1,2,4-Trimethylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
1,3,5-Trimethylbenzene	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	<29	<29	<25
Vinyl Chloride	µg/kg	<29	<297	<32	<29	<29	<28	<299	<31	<29	<29	100	<29	<25
Xylenes, total	µg/kg	<41	<415	<45	<41	<41	<40	<419	<44	<41	<41	<41	<41	<35

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. "M" = matrix interference
4. "I" = total VOC sample not analyzed with methanol due to comparison with TCLP/SPLP data
5. "L" = common laboratory solvent and contaminant
6. "J" = estimated concentration
7. NA = not analyzed

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		GP-15			GP-16		GP-17			GP-18		GP-19			GP-20	
Sample Depth (feet bgs):		6 - 8	10 - 12	16 - 18	6 - 8	10 - 12	2 - 4	4 - 6	14 - 16	4 - 6	8 - 10	4 - 6	10 - 12	14 - 16	2 - 4	6 - 8
	Date:	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03
Photoionization Detector	ppm	102	355	8	1	0	62	267	3	1	0	>1,186	267	11	2	2
Total Organic Carbon	mg/kg	NA	NA	NA	NA	NA	NA	1,400	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOCs		"M"						"I"								
sec-Butylbenzene	µg/kg	1,940	<1,420	<27	<29	<29	360	<721	<30	<28	<29	626	<30	<28	<30	<29
Chloroform	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	<139	<30	<28	<30	<29
1,1-Dichloroethane	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	302	31	<28	<30	<29
1,1-Dichloroethene	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	220	38	<28	<30	<29
cis-1,2-Dichloroethene	µg/kg	7,430	47,200	94	77	100	23,300	19,800	46	29	49	128,000	16,800	121	<30	<29
trans-1,2-Dichloroethene	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	186	<30	<28	<30	<29
Ethylbenzene	µg/kg	971	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	441	<30	<28	<30	<29
Hexachlorobutadiene	µg/kg	<80	<2,120	<38	<41	<40	<407	<1,020	<42	<39	<41	<209	<42	<39	<42	<41
Isopropylbenzene	µg/kg	983	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	255	<30	<28	<30	<29
p-Isopropyltoluene	µg/kg	3,200	<1,420	<27	<29	<29	395	<721	<30	<28	<29	696	<30	<28	<30	<29
Methylene Chloride	µg/kg	<57	<2,950	<54	<58	<58	<581	<1,400	<60	<56	<58	<290	<60	<55	<60	<59
Naphthalene	µg/kg	58	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	499	<30	<28	<30	<29
n-Propylbenzene	µg/kg	2,170	<1,420	<27	<29	<29	349	<721	<30	<28	<29	580	<30	<28	<30	<29
Tetrachloroethene	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	1,060	<30	<28	<30	<29
Toluene	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	1,390	<30	<28	<30	<29
1,2,4-Trichlorobenzene	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	<139	<30	<28	<30	<29
1,1,1-Trichloroethane	µg/kg	<57	<1,420	<27	<29	<29	<291	<721	<30	<28	<29	1,390	<30	<28	<30	<29
Trichloroethene	µg/kg	<57	118,000	49	1,170	44	34,900	69,800	<30	<28	<29	1,740,000	144,000	42	<30	<29
1,2,4-Trimethylbenzene	µg/kg	4,800	<1,420	<27	<29	<29	2,440	1,860	<30	<28	<29	3,830	<30	<28	<30	<29
1,3,5-Trimethylbenzene	µg/kg	1,260	<1,420	<27	<29	<29	860	<721	<30	<28	<29	1,160	<30	<28	<30	<29
Vinyl Chloride	µg/kg	423	<2,120	<38	<41	<40	721	<1,020	<42	<39	765	<209	<42	<39	<42	<41
Xylenes, total	µg/kg	320	<2,120	<38	<41	<40	<407	<1,020	<42	<39	<41	2,440	<42	<39	<42	<41

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. "M" = matrix interference
4. "I" = total VOC sample not analyzed with methanol due to comparison with TCLP/SPLP data
5. "L" = common laboratory solvent and contaminant
6. "J" = estimated concentration
7. NA = not analyzed

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		GP-21			GP-22			MeOH	GP-23			GP-24			GP-25	GP-26		GP-27	MeOH
Sample Depth (feet bgs):		8 - 10	10 - 12	16	2 - 4	6 - 8	14 - 16	Blank	2 - 4	6 - 8	16 - 20	6 - 8	8 - 12	12 - 16	4 - 6	6 - 8	10 - 12	4 - 6	Blank
	Date:	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/8/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03
Photoionization Detector	ppm	139	200	12	9	180	1	---	592	>2,044	142	34	10	0	2	216	73	7	---
Total Organic Carbon	mg/kg	NA	NA	NA	NA	NA	NA	NA	480	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Detected VOCs		"M"							"I"										
sec-Butylbenzene	µg/kg	5,020	120	<29	<30	110	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Chloroform	µg/kg	<31	<30	<29	<30	<30	<30	<25	<29	<1,350	<29	<30	36	<30	<30	<728	<325	<29	<25
1,1-Dichloroethane	µg/kg	<31	<30	<29	<30	<30	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
1,1-Dichloroethene	µg/kg	40	<30	<29	<30	51	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
cis-1,2-Dichloroethene	µg/kg	6,000	7,350	976	4,080	32,700	<30	<25	1,600	15,800	285	5,810	4,560	<30	1,170	44,600	40,700	3,560	<25
trans-1,2-Dichloroethene	µg/kg	93	43	<29	59	218	<30	<25	<29	<1,350	<29	30	54	<30	<30	<728	<325	110	<25
Ethylbenzene	µg/kg	<31	190	<29	<30	67	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Hexachlorobutadiene	µg/kg	172	<42	<40	<42	<42	<43	<35	<40	<2,030	<40	<42	<42	<41	<42	<1,030	<441	<40	<35
Isopropylbenzene	µg/kg	270	178	<29	<30	58	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
p-Isopropyltoluene	µg/kg	4,040	119	<29	<30	33	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Methylene Chloride	µg/kg	71 "L"	<59	<29	<60	<61	<30	<25	<57	<2,820	<57	<59	<60	<59	<60	<1,410	<639	<57	<50
Naphthalene	µg/kg	39	391	<29	<30	120	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
n-Propylbenzene	µg/kg	1,350	332	<29	<30	133	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Tetrachloroethene	µg/kg	<31	60	<29	<30	48	<30	<25	126	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Toluene	µg/kg	<31	76	<29	<30	<30	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
1,2,4-Trichlorobenzene	µg/kg	<31	<30	<29	<30	<30	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
1,1,1-Trichloroethane	µg/kg	<31	<30	<29	<30	<30	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Trichloroethene	µg/kg	2,700	202,000	<29	132	121,000	<30	<25	46,900	722,000	2,970	55,800	21,600	50	<30	93,900	<325	1,610	<25
1,2,4-Trimethylbenzene	µg/kg	1,720	2,490	<29	<30	605	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
1,3,5-Trimethylbenzene	µg/kg	772	652	<29	<30	351	<30	<25	<29	<1,350	<29	<30	<30	<30	<30	<728	<325	<29	<25
Vinyl Chloride	µg/kg	49	<42	<40	288	521	<43	<35	<40	<2,030	<40	<42	<42	<41	55	<1,030	918	<40	<35
Xylenes, total	µg/kg	<43	735	<40	<42	100	<43	<35	<40	<2,030	<40	<42	<42	<41	<42	<1,030	<441	<40	<35

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. "M" = matrix interference
4. "I" = total VOC sample not analyzed with methanol due to comparison with TCLP/SPLP data
5. "L" = common laboratory solvent and contaminant
6. "J" = estimated concentration
7. NA = not analyzed

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 1
Pre-Remediation Soil Quality Results (Excludes Treated Areas) - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Sample Location:		TP-1		TP-2			TP-3		TP-4			MeOH
Sample Depth (feet bgs):		6 - 8	11	6 - 8	13	15	8	14	4 - 6	8	13.5	Blank
	Date:	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03	4/9/03
Photoionization Detector	ppm	1	1	945	41	1	65	0	4	14	0	---
Total Organic Carbon	mg/kg	320	NA	196	NA	NA	NA	1,160	NA	270	NA	NA
Detected VOCs		"I"		"I"			"I"		"I"			
sec-Butylbenzene	µg/kg	<27	<29	<29	<29	<29	64	<29	<29	<29	<29	<25
Chloroform	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
1,1-Dichloroethane	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
1,1-Dichloroethene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
cis-1,2-Dichloroethene	µg/kg	149	329	1,380	2,940	<29	2,260	30	270	234	<29	<25
trans-1,2-Dichloroethene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Ethylbenzene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Hexachlorobutadiene	µg/kg	<37	<41	<40	<41	<41	<42	<41	<41	<41	<41	<35
Isopropylbenzene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
p-Isopropyltoluene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Methylene Chloride	µg/kg	<53	<59	<58	<59	<58	<59	<58	<59	<59	<58	<50
Naphthalene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
n-Propylbenzene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Tetrachloroethene	µg/kg	<27	<29	30	<29	<29	<30	<29	<29	<29	<29	<25
Toluene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
1,2,4-Trichlorobenzene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
1,1,1-Trichloroethane	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Trichloroethene	µg/kg	1,170	447	184,000	45,900	513	1,190	767	1,160	2,110	654	<25
1,2,4-Trimethylbenzene	µg/kg	<27	<29	<29	<29	<29	131	<29	<29	<29	<29	<25
1,3,5-Trimethylbenzene	µg/kg	<27	<29	<29	<29	<29	<30	<29	<29	<29	<29	<25
Vinyl Chloride	µg/kg	<37	<41	<40	<41	<41	<42	<41	<41	<41	<41	<35
Xylenes, total	µg/kg	<37	<41	<40	<41	<41	<42	<41	<41	<41	<41	<35

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. "I" = total VOC sample not analyzed with methanol due to comparison with TCLP/SPLP data
4. NA = not analyzed

Yellow highlight indicates that soil was remediated during chemical oxidation via potassium permanganate in summer 2004

Table 7
Post-Remediation Soil Quality Results - Former Test Track Soil Treatment Areas
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Soil Treatment Area:		Area 1				Area 2				Area 3			Area 4				
Soil Sample Location:		East 1/3	Center 1/3	West 1/3	MeOH Blank	South 1/4	East 1/4	North 1/4	MeOH Blank	South 1/2	North 1/2	MeOH Blank	North 1/4	East 1/4	South 1/4	West 1/4	MeOH Blank
Sample Depth (feet bgs):		2	2	2	---	6	6	6	---	6	7	---	8	8	8	8	---
	Date:	6/1/04	6/1/04	6/1/04	6/1/04	5/28/04	5/28/04	5/28/04	5/28/04	6/1/04	6/1/04	6/1/04	5/27/04	5/27/04	5/27/04	5/27/04	5/27/04
CVOCs & Detected VOCs																	
cis-1,2-Dichloroethene	µg/kg	<33	32	43	<25	1,110	<32	312	<25	184	209	<25	<65	<149	<64	<64	<25
trans-1,2-Dichloroethene	µg/kg	<33	<32	<36	<25	<157	<32	<65	<25	<33	<33	<25	<65	<149	<64	<64	<25
1,1,1-Trichloroethane	µg/kg	81	79	130	<25	<157	<32	<65	<25	<33	34	<25	466	<149	<64	78	<25
Trichloroethene	µg/kg	1,690	1,540	1,870	<25	9,660	3,100	6,100	<25	3,550	2,360	<25	6,600	11,700	6,960	9,920	<25
1,2,4-Trimethylbenzene	µg/kg	91	100	110	<25	<157	<32	<65	<25	74	81	<25	194	211	219	229	<25
Vinyl Chloride	µg/kg	<46	<45	<50	<35	<235	<45	<91	<35	<46	<46	<35	<91	<224	<90	<89	<35

Notes:

1. Soil samples collected from hydraulic excavator bucket after soil mixing completed at each area. Last day of soil mixing at each area as follows:
   Last day of soil mixing from Soil Treatment Area #1 was June 1, 2004 - post-remediation samples collected same day (sample collected from final placement location between Area 2 and Area 3)
   Last day of soil mixing in Soil Treatment Area #2 was May 28, 2004 - post-remediation samples collected same day
   Last day of soil mixing in Soil Treatment Area #3 was May 17, 2004 - post-remediation samples collected 15 days later
   Last day of soil mixing in Soil Treatment Area #4 was May 27, 2004 - post-remediation samples collected same day
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

TR-MW-1 Screened Interval: 15.3 to 25.3 feet bgs (Monitoring well installed as part of "Tool Room" case file, but this well location has been incorporated into the FTT project.)

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/24/1998	100	NA	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	5	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
4/26/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/12/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	0.27 "J"

MW-1 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	300	ND	ND	ND	NA	ND	ND	ND	4.2	ND	6.8	***13***	ND	ND	ND	NA	ND	ND	**14**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/1/1997	56 "J"	220	ND	ND	ND	NA	ND	ND	ND	6.9	ND	9.2	***17***	ND	ND	ND	NA	ND	ND	**29**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	<20	310	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	6.7	<0.54	12	***17***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	310	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	7.6	<0.54	16	***17***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**38**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/15/1998	<20	180	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	9.0	<0.54	14	***21***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**56**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/98 Dup.	<20	190	<3.6	<3.4	<4.4	NA	<8.6	<4.1	<6.3	12 "J"	<5.4	35	53	<3.8	<3.6	<3.2	NA	<3	<4.1	140	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/7/1998	50 "J"	120	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	5.8	<0.54	11	***14***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**38**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	4.4	<0.25	7.6	***18***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**38**	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/17/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	1.7	<0.35	<0.46	6.3	<0.73	11	***18***	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	**49**	<0.63	<0.31	<0.39	<0.38	<1.1	<0.14	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	2.0	<0.50	1.8	3.0	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	**19**	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/03 Dup #2	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	1.4 "J"	<0.50	1.4 "J"	2.1	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	13	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	1.5 "J"	<0.50	1.4 "J"	3.0	<0.20	0.51 "J"	<0.25	<0.25	<0.20	<0.50	**10**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	2.0	<0.50	2.6	4.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**18**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.61 "J"	<0.50	0.80 "J"	1.7	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**6.7**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	2.0	<0.50	2.7	5.0	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**21**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	1.0 "J"	<0.50	1.1 "J"	2.9	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**11**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/17/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	2.4	<0.50	2.8	6.4	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**29**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/4/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	1.4	<1.0	1.8	4.2	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**23**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.87 "J"	<0.50	1.5 "J"	***11***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**14**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/07 Dup #2	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.82 "J"	<0.50	1.4 "J"	11	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	15	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/4/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	2.1	<0.50	<0.50	***7.2***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**37**	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-3 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	3,100	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	NA	ND	ND	ND	ND	ND	4	1.6	13.9	ND	2.5	6.5	9	ND	1.6	ND	NA	ND	7.9
10/1/1997	100	1,700	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.1 "J"	ND	ND	ND	NA	ND	ND	ND	ND	***0.58 "J"***	3.4	1.1	11.5	1.1	2.3	5.4	7.7	1.4	1.5	ND	NA	ND	***10***
12/7/1998	97	1,700	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	0.53 "J"	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	0.41 "J"	2.1	0.75 "J"	8.0	0.56 "J"	1.5	4.1	5.6	<0.44	1.4	5.4	NA	<1.2	5.4
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.31 "J"	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.32 "J"	<0.25	0.35	1.8	0.76 "J"	7.7	<0.25	1.2	4.2	5.4	<0.25	<0.25	0.29 "J"	0.29	<0.25	5.7
7/17/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	<0.49	<0.35	<0.46	<0.25	<0.73	<0.39	0.26 "J"	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	2.2	0.62 "J"	6.5	0.27 "J"	0.97 "J"	3.1	4.07	<0.45	<0.44	<0.35	<0.16	<0.87	6.9
7/01 Dup #3	NA	NA	<1.2	<0.38	<0.22	<0.46	0.69 "J"	<0.35	<0.46	<0.25	<0.73	<0.39	0.25 "J"	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	2.3	0.68 "J"	7.3	0.28 "J"	1.0	3.6	4.6	<0.45	<0.44	<0.35	<0.16	<0.87	6.5
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	0.72 "J"	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	0.42 "J"	2.2	0.93 "J"	9.7	3.2	1.4	4.6	6.0	<0.25	<0.25	0.31 "J"	<0.25	<1.0	8.3
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	0.55 "J"	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.43 "J"	3.0	1.0 "J"	10	2.6	1.8	4.9	6.7	<0.25	<0.20	0.37 "J"	<0.20	<1.0	7.0
8/04 Dup #1	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	0.39 "J"	2.4	0.75 "J"	8.2	2.2	1.6	4.5	6.1	<0.25	<0.20	0.32 "J"	<0.20	<1.0	7.9
1/31/2005	NA	NA	<1.0	***0.38 "J"***	<0.20	***1.2***	0.71 "J"	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.21 "J"	<0.50	***0.51 "J"***	1.8	0.96 "J"	10	1.8	1.6	5.0	6.6	<0.25	0.28 "J"	0.37 "J"	<0.20	<1.0	7.0
9/14/2005	NA	NA	<1.0	***0.38 "J"***	<0.20	***1.2***	0.71 "J"	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.21 "J"	<0.50	0.43 "J"	2.0	0.82 "J"	9.0	1.6 "J"	1.4	4.5	5.9	<0.25	<0.20	0.30 "J"	<0.20	<1.0	7.9
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.27 "J"	<0.50	0.29 "J"	1.3	0.57 "J"	7.2	0.89 "J"	1.1	3.2	4.3	<0.25	<0.20	0.25 "J"	<0.20	<1.0	4.7
3/06 Dup #3	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	0.32 "J"	1.6	0.74 "J"	8.8	1.1 "J"	1.5	3.9	5.4	<0.25	0.22 "J"	0.31 "J"	<0.20	<1.0	6.3
10/16/2006	NA	NA	<1.0	***0.98***	<0.20	***1.1***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.27 "J"	<0.50	0.32 "J"	1.7	0.82 "J"	8.9	<0.50	1.5	4.7	6.2	<0.25	<0.20	0.36 "J"	<0.20	<1.0	7.1
10/06 Dup #1	NA	NA	<1.0	0.77	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.26 "J"	<0.50	0.31 "J"	1.7	0.77 "J"	8.6	<0.50	1.4	4.4	5.8	<0.25	<0.20	0.29 "J"	<0.20	<1.0	7.0
4/4/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	***0.50 "J"***	1.6	<1.0	10	<1.0	1.6	5.4	7.0	<0.50	<0.40	<0.40	<0.40	<2.0	7.4
4/07 Dup #3	NA	NA	<1.0	<0.20	<0.20	2.1	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	0.37 "J"	1.7	1.1 "J"	12	<0.50	2.3	6.1	8.4	<0.25	<0.20	0.42 "J"	<0.20	<1.0	9.2
11/6/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	2.3	<1.0	9.1	<1.0	1.7	5.0	6.7	<0.50	<0.40	<0.40	<0.40	<2.0	8.2
11/07 Dup #1	NA	NA	<1.0	<0.20	<0.20	0.91	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.55 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.35 "J"	2.6	0.93 "J"	10	0.70 "J"	1.8	5.3	7.1	<0.25	<0.20	0.39 "J"	<0.20	<1.0	10
6/3/2008	NA	NA	<1.0	***2.6***	<0.20	<0.50	0.54 "J"	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.42 "J"	2.0	0.87 "J"	11	<0.50	1.4	5.3	6.7	<0.25	<0.20	0.35 "J"	<0.50	<1.0	6.5
6/08 Dup #2	NA	NA	<1.0	<0.30	<0.20	0.92 "J"	0.57 "J"	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.35 "J"	1.7	0.92 "J"	10	0.69 "J"	1.9	5.1	7.0	<0.25	<0.20	0.31 "J"	<0.50	<1.0	6.0

11/07 Dup #1: 1,2-dichloroethane = 4.5 µg/L reported in groundwater sample, which is above the NR 140 PAL of 0.5 µg/L. However, this compound has not been detected during other sampling events.

MW-4 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	1,900	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	2.8	ND	5.1	***13***	1	2.1	3.1	ND	ND	ND	NA	ND	5.2
10/1/1997	81	2,300	0.38 "J"	ND	ND	NA	ND	ND	ND	ND	ND	ND	2	ND	0.49 "J"	ND	NA	ND	ND	ND	ND	***0.71 "J"***	2.7	0.93 "J"	7.9	1.4	1.2	2.7	3.9	1.6	0.70 "J"	ND	NA	ND	8.9
10/97 Dup.	64 "J"	2,200	0.36 "J"	ND	ND	NA	ND	ND	ND	ND	ND	ND	2	ND	0.58 "J"	ND	NA	ND	ND	ND	ND	0.63 "J"	2.2	0.85 "J"	6.6	1.2	0.95 "J"	2.2	3.15	1.5	0.59 "J"	ND	NA	ND	7.5
12/7/1998	82	1,600	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	0.36 "J"	1.36 "J"	0.46 "J"	5.3	0.5 "J"	0.98 "J"	1.9	2.88	<0.44	0.55 "J"	<0.37	NA	<1.2	5.2
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	2.3	0.67 "J"	6.7	<0.25	0.92	2.7	3.62	<0.25	<0.25	<0.25	0.32 "J"	<0.25	5.1
7/17/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	<0.49	<0.35	<0.46	<0.25	<0.73	<0.39	1	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	1.2 "J"	0.39 "J"	3.0 "J"	0.15 "J"	0.48 "J"	1.3	1.78	<0.45	<0.44	<0.35	<0.16	<0.87	4.2
7/01 Dup #2	NA	NA	<1.2	<0.38	<0.22	<0.46	0.62 "J"	<0.35	<0.46	<0.25	<0.73	<0.39	1	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	1.3	0.44 "J"	3.4 "J"	0.15 "J"	0.67 "J"	1.4	2.07	<0.45	<0.44	<0.35	<0.16	<0.87	3.3
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	0.72 "J"	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	1.0	<0.50	3.2	2.8	0.36 "J"	1.1	1.46	<0.25	<0.25	<0.25	<0.25	<1.0	3.1
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	0.64 "J"	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.38 "J"	2.2	0.73 "J"	6.9	1.8	0.83	2.9	3.73	<0.25	<0.20	0.23 "J"	<0.20	<1.0	6.5
1/31/2005	NA	NA	<1.0	***0.56 "J"***	<0.20	***1.4***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	0.33 "J"	1.1	<0.50	3.5	0.83 "J"	0.61 "J"	1.4	2.01	<0.25	<0.20	<0.20	<0.20	<1.0	3.5
9/14/2005	NA	NA	<1.0	***0.56 "J"***	<0.20	***1.4***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	0.61 "J"	<0.50	1.7	<0.50	0.47 "J"	0.75	1.22	<0.25	<0.20	<0.20	<0.20	<1.0	1.9
3/7/2006	NA	NA	<1.0	***0.31 "J"***	<0.20	0.45 "J"	0.70 "J"	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	0.48 "J"	1.7	0.75 "J"	7.6	1.4 "J"	1.0	3.4	4.4	<0.25	<0.20	0.31 "J"	<0.20	1.4 "L,J"	7.2
10/16/2006	NA	NA	<1.0	<0.20	<0.20	0.97	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	0.42 "J"	<0.50	1.2 "J"	<0.50	0.33 "J"	0.43 "J"	0.76	<0.25	<0.20	<0.20	<0.20	<1.0	1.3
4/4/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	1.1 "J"
11/6/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**1.5**	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	1.2 "J"
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	0.51 "J"	<0.50	0.50 "J"	0.30 "J"	0.80 "J"	<0.25	<0.20	<0.20	<0.50	<1.0	0.49 "J"

9/14/05: n-Propylbenzene = 0.68 µg/L "J" µg/L A1060

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-5/MW-5R MW-5 Screened Interval: 5 to 20 feet bgs. MW-5R Screened Interval: 4 to 19 feet bgs.

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	26,000	750	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	**5,600**	**16**	ND	ND	NA	ND	ND	**120,000**	ND	ND	1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
7/29/1997	19,000	530	<3,300	<3,400	<4,400	NA	<8,600	<4,100	<6,300	<4,900	<5,400	<5,600	**10,000 "J"**	<3,800	<3,600	<3,200	NA	<3,000	<4,100	**120,000**	<4,800	<3,100	<3,200	<3,500	<10,900	<2,900	<3,800	<3,600	<7,400	<4,400	<3,500	<3,700	NA	<12,000	<7,200
10/2/1997	26,000	240	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	**9,000**	**260 "J"**	ND	ND	NA	ND	ND	**44,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/24/1998	17,000	350	<330	<340	<440	NA	<860	<410	<630	<490	<540	<560	**7,800**	<380	<360	<320	NA	<300	<410	**56,000**	<480	<310	<320	<350	<1,090	<290	<380	<360	<740	<440	<350	<370	NA	<1,200	<720
6/18/1998	26,000	490	<160	<170	<220	NA	<430	<200	<320	<240	<270	<280	**5,700**	<190	<180	<160	NA	<150	<200	**16,000**	<240	<160	<160	<180	<540	<140	<190	<180	<370	<220	<180	<180	NA	<600	<360
9/17/1998	24,000	520	<360	<340	<440	NA	<860	<410	<630	<490	<540	<560	**10,000**	<380	<360	<320	NA	<300	<410	**75,000**	<480	<310	<320	<350	790 "J"	<290	<380	<360	<740	<440	<350	<370	NA	<1,200	**1,200 "J"**
12/7/1998	19,000	440	<360	<340	<440	NA	<860	<410	<630	<490	<540	<560	**8,600**	<380	<360	<320	NA	<300	<410	**54,000**	<480	<310	<320	<350	<1,090	<290	<380	<360	<740	<440	<350	<370	NA	<1,200	<720
12/6/2000	NA	NA	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	**7,400**	<50	<50	<50	<50	<50	<50	**72,000**	<50	<20	<50	<50	<50	<50	<20	<20	<40	<50	<50	<50	<50	**100 "L"**	<50
7/18/2001	NA	NA	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	**14,000**	<250	<250	<250	<250	<250	<250	**110,000**	<250	<100	<100	<250	<250	<250	<100	<100	<200	<250	<250	<250	<250	**5,300 "L"**	<250
7/01 Dup #4	NA	NA	<250	<250	<250	<250	<250	<250	<250	<250	<250	<250	13,000	<250	<250	<250	<250	<250	<250	99,000	<250	<100	<100	<250	<250	<250	<100	<100	<200	<250	<250	<250	<250	8,300 "L"	<250
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**57**	<0.50	**20**	**140**	**13,000**	**28**	<0.50	**7.2**	1.1	**0.88**	<0.50	**130,000**	**20**	<0.25	2.0	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	***1.7 "L"***	<0.25
4/7/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<100	<0.50	***6.9***	***33***	**4,100**	**9.8**	<0.50	***3.8***	0.41 "J"	**0.29 "J"**	<0.50	**41,000**	**9.5**	<0.20	0.86	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well MW-5 abandoned on April 27, 2004 and replaced by well MW-5R on June 24, 2004.																																		
8/3/2004	NA	NA	<160	<32	<32	<32	<80	<32	<32	<80	<80	**220**	**11,000**	<32	<80	<40	<40	<32	<80	**590**	<80	<32	<32	<80	<80	<80	<32	<32	<64	<40	<32	<32	<32	<160	<40
2/2/2005	NA	NA	3.0	<0.20	<0.20	<0.20	<0.50	<0.20	**520**	9.7	**9.3**	**130**	**11,000**	<0.20	0.68 "J"	0.35 "J"	<0.25	<0.20	<0.50	**130**	<0.50	0.41 "J"	0.37 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.6 "L"***	<0.25
9/15/2005	NA	NA	<160	<32	<32	<32	<80	<32	**1,300**	<80	<80	***93 "J"***	**8,600**	<32	<80	<40	<40	<32	<80	<32	<80	<32	<32	<80	<80	<80	<32	<32	<64	<40	<32	<32	<32	<160	<40
3/8/2006	NA	NA	<200	<40	<40	<40	<100	<40	**1,400**	<100	<100	<100	**6,000**	<40	<100	<50	<50	<40	<100	**1,800**	<100	<40	<40	<100	<100	<100	<40	<40	<80	<50	<40	<40	<40	<200	<50
10/17/2006	NA	NA	<100	<20	<20	<20	<50	<20	**1,800**	<50	<50	<50	**4,200**	<20	<50	<25	<25	<20	<50	**300**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
4/4/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**930**	<20	<20	***33 "J"***	**3,100**	<8.0	<20	<10	<10	<8.0	<20	**1,100**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
11/8/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**2,100**	<20	<20	<20	**4,100**	<8.0	<20	<10	<10	<8.0	<20	**460**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
6/3/2008	NA	NA	<50	<15	<10	<25	<25	<25	**1,900**	<25	<25	<25	**4,600**	<10	<25	<12	<12	<10	<25	**100**	<25	<10	<25	<25	<25	<25	<10	<10	<20	<12	<10	<10	<25	**98 "J"**	<12

2/2/05: 1,2-dichloroethane = 1.5 µg/L reported in groundwater sample, which is above the NR 140 PAL of 0.5 µg/L. However, this compound has not been detected during other sampling events.

MW-6 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
9/14/1994	ND	1,100	ND	ND	ND	NA	ND	ND	<3.0	2.8	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	30 "J"	6,200	ND	ND	ND	NA	ND	ND	**14**	1.6	ND	ND	5	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.42 "J"	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	<20	8,000	0.7 "J"	<0.34	<0.44	NA	<0.86	<0.41	**16**	2.7	<0.54	<0.56	5	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	0.5 "J"	<0.35	<0.37	NA	<1.2	<0.72
6/17/1998	<20	8,200	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**15**	3	<0.54	<0.56	6	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/15/1998	<20	7,400	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**9.1**	1.1 "J"	<0.54	<0.56	5	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	40 "J"	4,400	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**6.4**	2.2	<0.54	<0.56	3	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**4.8**	2.0	<0.25	0.25	3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.12 "J"	0.16 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/17/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	<0.49	<0.35	**6.2**	1.6	<0.73	<0.39	***9***	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	<0.39	<0.38	<1.1	<0.14	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	Monitoring well covered by recycling dumpster.																																		
4/28/2003	NA	NA	<1.0	***0.98***	<0.25	<0.25	<0.50	<0.25	**2.9**	1.1 "J"	<0.50	<0.50	***8***	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/7/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.5**	0.99 "J"	<0.50	<0.50	***9***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.22 "J"	<0.50	<0.20	0.20 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/04 Dup	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	2.7	0.85 "J"	<0.50	<0.50	8.0	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.29 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**5.0**	1.0 "J"	<0.50	<0.50	***7.9***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**10**	0.93 "J"	<0.50	<0.50	***12***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**2.7**	1.6 "J"	<0.50	<0.50	2.1	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/05 Dup #3	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	1.1	1.5 "J"	<0.50	<0.50	79	<0.20	0.93 "J"	<0.25	<0.25	<0.20	<0.50	47	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.9**	0.94 "J"	<0.50	<0.50	4.7	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	0.47 "J"
10/17/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.8**	1.1 "J"	<0.50	<0.50	1.5 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.1**	0.72 "J"	<0.50	<0.50	3.9	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**19**	<0.25
11/7/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**2.0**	1.3 "J"	<0.50	<0.50	1.2 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/4/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**4.8**	1.2 "J"	<0.50	<0.50	2.9	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-7/MW-7R Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																														
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	160	200	ND	ND	ND	NA	ND	ND	<3.0	ND	ND	<1.0	**130**	ND	ND	ND	NA	ND	ND	**490**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/3/1997	76	32 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	1.3 "J"	***31***	***0.76 "J"***	0.73 "J"	ND	NA	ND	0.55 "J"	**300**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	53 "J"	57 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	1.8	***24***	<0.38	0.52 "J"	<0.32	NA	<0.3	<0.41	**85**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	46 "J"	280	<3.3	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	6.1 "J"	***57***	<3.8	<3.6	<3.2	NA	<3	<4.1	**550**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
9/15/1998	67	110	<3.6	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	<5.6	***65***	<3.8	<3.6	<3.2	NA	<3	<4.1	**380**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/7/1998	83	68 "J"	<3.6	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	<5.6	***26***	<3.8	<3.6	<3.2	NA	<3	<4.1	**220**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/6/2000	NA	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**3.7**	<2.5	<2.5	<2.5	***37***	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**240**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.0	<2.5	<2.5	<2.5	<2.5	**14 "L"**	<2.5
7/18/2001	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**9.2**	<1.0	<1.0	2.4	***28***	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**190**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	**17 "L"**	<1.0
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	0.33 "J"	**12**	<0.50	<0.50	1.8	***19***	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	**110**	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/4/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.72**	<0.50	<0.50	2.6	***40***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**180**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**0.44 "J"**	<1.0	<1.0	2.1	***25***	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**180**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
9/13/2005	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	2.2 "J"	***34***	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**190**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.45 "J"**	<0.50	<0.50	1.5 "J"	***15***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**200 "E"**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.25 "J"**	<0.50	<0.50	1.9	***30***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**130**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	3.8	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**110**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	***3.8 "L,J"***	<0.50
11/8/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	***10***	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**160**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
6/5/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	0.56 "J"	6.4	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**89**	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

MW-8 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																														
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	160	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	***11***	ND	ND	ND	NA	ND	ND	**7.2**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/3/1997	ND	110	ND	ND	ND	NA	ND	ND	**1.0 "J"**	1.9	ND	ND	5	ND	1.2	ND	NA	ND	ND	***2.1***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
12/7/1998	ND	100 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	1.0 "J"	<0.54	<0.56	<0.39	<0.38	0.49 "J"	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.86**	1.5	<0.25	<0.25	1	<0.25	0.29 "J"	<0.25	<0.25	<0.25	<0.25	0.28 "J"	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	0.32 "L"	<0.25
12/00 Dup 2	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.0	1.5	<0.25	<0.25	1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.27 "J"	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/18/2001	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.49 "J"	<0.25	<0.25	1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	***1.2 "L"***	<0.25
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	3.5	<0.50	<0.50	1.6 "J"	<0.25	<0.50	***1.3 "J"***	<0.25	<0.25	<0.50	0.43 "J"	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	***1.1 "L"***	<0.25
4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/4/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	1.0 "J"	<0.50	<0.50	4.6	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.91***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.66 "J"**	1.7	<0.50	<0.50	***9.7***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.3***	<0.50	<0.20	9.3	2.1	5.0	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	1.1 "J"	<0.50	<0.50	***9.6***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.6***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**3.4 "J"**	<5.0	<5.0	<5.0	***40***	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**7.8**	<5.0	<2.0	***600***	12 "J"	41	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	0.90 "J"	***53***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**14**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	4.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.0***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***3.4 "L"***	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	0.80 "J"	***45***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**31**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/5/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**0.29 "J"**	0.56 "J"	<0.50	1.3 "J"	**75**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**19**	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-9/MW-9R Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	590	2,200	ND	ND	ND	NA	ND	ND	<15	ND	ND	***34***	**1,900**	ND	ND	ND	NA	ND	ND	**140**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	<20	110	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**7.3**	<0.49	<0.54	1.1 "J"	***52***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	400	660	<16	<17	<22	NA	<43	<20	**82 "J"**	<24	<27	<28	**1,100**	<19	<18	<16	NA	<15	<20	**400**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
9/15/1998	660	610	<18	<17	<22	NA	<43	<20	**44 "J"**	<24	<27	***40 "J"***	**2,800**	<19	<18	<16	NA	<15	<20	**1,700**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
12/7/1998	770	480	<7.2	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	***52***	**2,500**	<7.6	<7.2	<6.4	NA	<6	<8.2	**1,900**	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
12/98 Dup.	770	360	<7.2	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	18 "J"	990	<7.6	<7.2	<6.4	NA	<6	<8.2	780	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
12/6/2000	NA	NA	<50	<50	<50	<50	<50	<50	**200**	<50	<50	***74***	**4,900**	<50	<50	<50	<50	<50	<50	**4,800**	<50	<20	<50	<50	<50	<50	<20	<20	<40	<50	<50	<50	<50	**130 "L"**	<50
7/17/2001	NA	NA	<120	<38	<22	<46	<49	<35	<46	<25	<73	***40***	**4,400**	<18	<28	<15	<11	<39	<29	**4,300**	<63	<31	<39	<38	<110	<14	<33	<32	<65	<45	<44	<35	<16	<87	<35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**4.0**	<0.50	**7.2**	***44***	**4,200**	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	**8,000**	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**7.4**	<0.50	***5.3***	***42***	**2,900**	0.39 "J"	<0.50	<0.25	<0.25	<0.20	<0.50	**4,500**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<100	<20	<20	<20	<50	<20	<20	<50	<50	<50	**3,200**	<20	<50	<25	<25	<20	<50	**4,100**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
1/31/2005	NA	NA	<80	<16	<16	<16	<40	<16	<16	<40	<40	<40	**3,300**	<16	<40	<20	<20	<16	<40	**4,900**	<40	<16	<16	<40	<40	<40	<16	<16	<32	<20	<16	<16	<16	<80	<20
9/14/2005	NA	NA	<1.0	<16	<16	<16	<40	<0.20	**4.3**	<0.50	***4.7***	***45***	**4,100**	0.26 "J"	<0.50	<20	<20	<0.20	<0.50	**7,900**	<0.50	***0.91***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<100	<20	<20	<20	<50	<20	<20	<50	<50	<50	**3,100**	<20	<50	<25	<25	<20	<50	**4,800**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
10/17/2006	NA	NA	<100	<20	<20	<20	<50	<20	<20	<50	<50	<50	**4,300**	<20	<50	<25	<25	<20	<50	**6,000**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
4/4/2007	NA	NA	<100	<20	<20	<20	<50	<20	<20	<50	<50	<50	**2,500**	<20	<50	<25	<25	<20	<50	**4,400**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
11/6/2007	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**12**	<5.0	<5.0	***39***	**4,300**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**7,900**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
6/3/2008	NA	NA	<100	<30	<20	<50	<50	<50	<20	<50	<50	<50	**4,400**	<20	<50	<25	<25	<20	<50	**8,300**	<50	<20	<50	<50	<50	<50	<20	<20	<40	<25	<20	<20	<50	**170 "J"**	<25

9/14/05: 1,1,2-TCA = 0.39 "J" µg/L reported in groundwater sample, which is below the NR 140 PAL of 0.5 µg/L.

MW-10 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	140	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/3/1997	ND	35	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.61 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	ND	NA	ND	ND
12/7/1998	ND	62 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	1.0	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/16/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	<0.49	<0.35	<0.46	<0.25	<0.73	<0.39	<0.23	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	<0.39	<0.38	<1.1	<0.14	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	0.31 "J"	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	2.0	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.2 "L"***	<0.25
11/12/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-11 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	<100	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	***23***	ND	ND	ND	NA	ND	ND	**39**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/3/1997	ND	37 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	***9***	ND	ND	ND	NA	ND	ND	***3.6***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
12/7/1998	<20	92 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	2	<0.38	<0.36	<0.32	NA	<0.3	<0.41	***1.0 "J"***	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**9.8**	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/18/2001	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**0.38**	<0.25	<0.25	<0.25	5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	***1.5***	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	***0.91 "L"***	<0.25
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**0.82 "J"**	<0.50	<0.50	<0.50	4	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	***1.0***	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.0**	<0.50	<0.50	<0.50	***27***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.7***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.2 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.37 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	3.5	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.69***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.59 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.2 "L,J"***	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.0 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.24 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	3.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.70***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***3.9 "L"***	<0.25
11/12/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**2.3**	<0.50	<0.50	<0.50	***10***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.74***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**8.2**	<0.50	<0.50	0.94 "J"	***39***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.7***	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

MW-12 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	140	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	ND	170	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
12/7/1998	<20	<31	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	4	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**5.6**	<0.25	<0.10	0.15 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/17/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	<0.49	<0.35	<0.46	<0.25	<0.73	<0.39	<0.23	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	<0.39	<0.38	<1.1	0.15 "J"	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/5/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.87**	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.27 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/06 Dup #3	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**5.8 "J"**	<0.25
11/12/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/5/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PMW-13 Screened Interval: 13 to 18 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	1200	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	**84**	ND	ND	ND	NA	ND	ND	**26**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	320	250	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	**720**	ND	ND	ND	NA	ND	ND	**140**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	170	130	<6.6	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	<11	**460**	<7.6	<7.2	<6.4	NA	<6	<8.2	**91**	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
6/17/1998	90	120	<3.3	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	<5.6	**300**	<3.8	<3.6	<3.2	NA	<3	<4.1	**64**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
9/16/1998	59 "J"	69 "J"	<3.6	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	<5.6	**320**	<3.8	<3.6	<3.2	NA	<3	<4.1	**64**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/7/1998	57 "J"	310	<3.6	<3.4	<4.4	NA	<8.6	<4.1	<6.3	<4.9	<5.4	<5.6	***69***	<3.8	<3.6	<3.2	NA	<3	<4.1	**18**	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/6/2000	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC	NSC
7/18/2001	NA	NA	<0.25	***0.67 "B"***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.73	**120**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**13**	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	Could not locate monitoring well																																		
4/7/2004	Could not locate monitoring well																																		
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/5/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.3**	<0.50	<0.50	<0.50	***20***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***3.5***	<0.50	<0.20	1.6	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	0.36 "J"	<0.20	<0.50	<0.20	**2.1**	<0.50	<0.50	<0.50	3.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.37 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	<1.0	<0.20	0.36 "J"	<0.20	<0.50	<0.20	**0.48 "J"**	<0.50	<0.50	<0.50	6.2	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.0***	<0.50	<0.20	1.1	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.65 "J"**	<0.50	<0.50	<0.50	3.2	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.3***	<0.50	<0.20	0.35 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.1 "L,J"***	<0.25
10/17/2006	NA	NA	<1.0	<0.20	<0.20	***2.2***	<0.50	<0.20	**0.67**	<0.50	<0.50	<0.50	***8.0***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***3.2***	<0.50	<0.20	1.5	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/06 Dup #2	NA	NA	<1.0	0.86	<0.20	0.87	<0.50	<0.20	0.49 "J"	<0.50	<0.50	<0.50	7.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	3.1	<0.50	<0.20	1.4	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/4/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/7/2007	NA	NA	<1.0	<0.20	<0.20	0.95	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	3.0	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.8***	<0.50	<0.20	0.35 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**0.30 "J"**	<0.50	<0.50	<0.50	2.1	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.68***	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

MW-14 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	2,800	440	ND	ND	ND	NA	ND	ND	<3.0	ND	ND	***42***	**5,100**	5	ND	ND	NA	ND	ND	**8,100**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	3,900	530	ND	ND	ND	NA	ND	ND	**260 "J"**	ND	ND	ND	**11,000**	ND	ND	ND	NA	ND	ND	**4,000**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/24/1998	3,500	1,100	<330	<340	<440	NA	<860	<410	<630	<490	<540	<560	**5,400**	<380	<360	<320	NA	<300	<410	**8,600**	<480	<310	<320	<350	<1,090	<290	<380	<360	<740	<440	<350	<370	NA	<1,200	<720
3/98 Dup.	3,300	1,200	<330	<340	<440	NA	<860	<410	<630	<490	<540	<560	5,400	<380	<360	<320	NA	<300	<410	9,100	<480	<310	<320	<350	<1,090	<290	<380	<360	<740	<440	<350	<370	NA	<1,200	<720
6/18/1998	4,000	900	<33	<34	<44	NA	<86	<41	<63	<49	<54	**120 "J"**	**7,300**	<38	<36	<32	NA	<30	<41	**11,000**	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
9/17/1998	4,800	960	<36	<34	<44	NA	<86	<41	**68 "J"**	<49	<54	***59 "J"***	**5,000**	<38	<36	<32	NA	<30	<41	**8,300**	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
12/7/1998	5,600	810	<36	<34	<44	NA	<86	<41	<63	<49	<54	***99 "J"***	**4,900**	<38	<36	<32	NA	<30	<41	**9,500**	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
12/6/2000	NA	NA	<50	<50	<50	<50	<50	<50	**76**	<50	<50	***78***	**7,500**	<50	<50	<50	<50	<50	<50	**7,400**	<50	<20	<50	<50	<50	<50	<20	<20	<40	<50	<50	<50	<50	**300 "L"**	<50
7/18/2001	NA	NA	<25	**60 "B"**	<25	<25	<25	<25	**440**	<25	**28**	**110**	**11,000**	<25	<25	<25	<25	<25	<25	**7,900**	<25	<10	<10	<25	<25	<25	<10	<10	<10	<25	<25	<25	<25	<25	<25
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<80	<20	<20	<20	<40	<20	**56**	<40	<40	**120**	**10,000**	<20	<40	<20	<20	<20	<40	**7,200**	<40	<20	<20	<40	<40	<40	<20	<20	<40	<20	<20	<20	<20	<80	<20
4/7/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**110**	<0.50	**22**	**120**	**9,100**	***1.2***	<0.50	**14**	0.66 "J"	<0.20	<0.50	**5,000**	<0.50	0.41 "J"	0.27 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<160	<32	<32	<32	<80	<32	**190**	<80	<80	***91***	**8,900**	<32	<80	<40	<40	<32	<80	**3,700**	<80	<32	<32	<80	<80	<80	<32	<32	<64	<40	<32	<32	<32	<160	<40
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**150**	<0.50	**26**	**120**	**8,800**	***1.3***	<0.50	**16**	0.43 "J"	<0.20	<0.50	**4,800**	<0.50	***0.51 "J"***	0.56 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	<100	<20	<20	<20	<50	<20	**290**	<50	<50	**120 "J"**	**12,000**	<20	<50	<25	<25	<20	<50	**4,300**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
3/8/2006	NA	NA	<250	<50	<50	<50	<120	<50	**260**	<120	<120	**120 "J"**	**11,000**	<50	<120	<62	<62	<50	<120	**7,500**	<120	<50	<50	<120	<120	<120	<50	<50	<100	<62	<50	<50	<50	<250	<62
10/18/2006	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**5.8 "J"**	<5.0	<5.0	<5.0	**490**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**85**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	2.6	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**7.9**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***3.2 "L,J"***	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**160**	<0.50	**10**	12	**2,600**	<0.20	<0.50	***2.0***	<0.25	<0.20	<0.50	**5.7**	<0.50	<0.20	1.0	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/5/2008	NA	NA	<10	<3.0	<2.0	<5.0	<5.0	<5.0	**13**	<5.0	<5.0	6.2 "J"	**530**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**350**	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<5.0	<10	<2.5

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-15 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	730	160	ND	ND	ND	NA	ND	ND	**29**	ND	ND	***23***	**2,200**	ND	ND	ND	NA	ND	ND	**22,000**	ND	***1.8***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	480	68 "J"	ND	ND	ND	NA	ND	ND	**42**	ND	ND	***22 "J"***	**1,100**	ND	ND	ND	NA	ND	**20 "J"**	**720**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	270	89	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	12	**460**	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**490**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/17/1998	330	160	<16	<17	<22	NA	<43	<20	<32	<24	<27	<28	**900**	<19	<18	<16	NA	<15	<20	**750**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
9/17/1998	420	140	<18	<17	<22	NA	<43	<20	<32	<24	<27	<28	**810**	<19	<18	<16	NA	<15	<20	**750**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
12/7/1998	480	58 "J"	<7.2	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	18 "J"	**730**	<7.6	<7.2	<6.4	NA	<6	<8.2	**650**	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
12/6/2000	NA	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	10	**570**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**450**	<2.5	<1.0	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	<2.0	<2.5	<2.5	<2.5	<2.5	**20 "L"**	<2.5
7/18/2001	NA	NA	<12	<12	<12	<12	<12	<12	<12	<12	<12	***28***	**1,200**	<12	<12	<12	<12	<12	<12	**850**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<5.0	<12	<12	<12	<12	**62 "L"**	<12
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<10	<2.5	<2.5	<2.5	<5.0	<2.5	<5.0	<5.0	<5.0	12	**830**	<2.5	<5.0	<2.5	<2.5	<2.5	<5.0	**1,000**	<5.0	<2.5	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<10	<2.5
4/7/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.21 "J"**	<0.50	<0.50	11	**340**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**310**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	<3.2	<8.0	<8.0	16	**1,000**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	**540**	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	4.5
2/2/2005	NA	NA	<32	<6.4	<6.4	<6.4	<16	<6.4	**12**	<16	<16	<16	**1,300**	<6.4	<16	<8.0	<8.0	<6.4	<16	**290**	<16	<6.4	<6.4	<16	<16	<16	<56.4	<6.4	<12.8	<8.0	<6.4	<6.4	<6.4	<32	<8.0
9/15/2005	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**140**	<5.0	<5.0	<5.0	**1,300**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**36**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
3/8/2006	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**7.5 "J"**	<12	<12	<12	**510**	<5.0	<12	<6.2	<6.2	<5.0	<12	**280**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
10/18/2006	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	16 "J"	**520**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**390**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
4/2/2007	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	6.7 "J"	**190**	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	**190**	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	***4.4 "L,J"***	<1.0
4/07 Dup #1	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	4.8 "J"	180	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	180	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	4.0 "L,J"	<1.0
11/8/2007	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	8.6	**380**	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	**370**	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	<4.0	<1.0
6/5/2008	NA	NA	<8.0	<2.4	<1.6	<4.0	<4.0	<4.0	**4.2 "J"**	<4.0	<4.0	11 "J"	**440**	<1.6	<4.0	<2.0	<2.0	<1.6	<4.0	**280**	<4.0	<1.6	<4.0	<4.0	<4.0	<4.0	<1.6	<1.6	<3.2	<2.0	<1.6	<1.6	<4.0	<8.0	<2.0
6/08 Dup #4	NA	NA	<40	<12	<8.0	<20	<20	<20	<8.0	<0.50	<0.50	<20	440	<8.0	<20	<10	<10	<8.0	<20	300	<20	<8.0	<20	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<20	<40	<10

MW-16 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	160	ND	ND	ND	NA	ND	ND	<3.0	ND	ND	<1.0	***9***	ND	ND	ND	NA	ND	ND	**25**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/2/1997	ND	300	ND	ND	ND	NA	ND	ND	**16**	ND	ND	ND	***21***	ND	ND	ND	NA	ND	ND	**31**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/18/1998	33 "J"	440	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**1.6 "J"**	<0.49	<0.54	0.68 "J"	***30***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**54**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/17/1998	<20	540	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**1.5 "J"**	<0.49	<0.54	0.82 "J"	***30***	<0.38	0.51 "J"	<0.32	NA	<0.3	<0.41	**55**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/17/1998	<20	440	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**3.2**	<0.49	<0.54	0.78 "J"	***38***	<0.38	0.92 "J"	<0.32	NA	<0.3	<0.41	**65**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	48 "J"	460	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**1.2 "J"**	<0.49	<0.54	<0.56	***31***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	**33**	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**5.7**	0.39 "J"	<0.25	0.82 "J"	**76**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**41**	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	***0.66 "L"***	<0.25
7/17/2001	Monitoring well covered by recycling dumpster.																																		
3/12/2002	Monitoring well could not be located - destroyed during concrete paving in west yard in late summer 2001.																																		

MW-17 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.4 "L"***	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

MW-18 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.14 "J"	0.29 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	0.29 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.5 "L"***	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

MW-19 Screened Interval: 5 to 20 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	0.40 "J"
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/06 Dup #1	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**5.3**	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25
6/08 Dup #1	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-1 Screened Interval: 25 to 30 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	<100	1600	ND	ND	ND	NA	ND	ND	ND	ND	ND	2	**140**	ND	ND	ND	NA	ND	ND	**21**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
7/29/1997	360	150	<6.6	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	***37***	**750**	<7.6	<7.2	<6.4	NA	<6.0	<8.2	**78**	<9.6	<6.2	<6.4	<7.0	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7.0	<7.4	NA	<24	<14
7/97 Dup	360	190	<6.6	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	33 "J"	690	<7.6	<7.2	<6.4	NA	<6.0	<8.2	65	<9.6	<6.2	<6.4	<7.0	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7.0	<7.4	NA	<24	<14
10/2/1997	340	150	ND	ND	ND	NA	ND	ND	ND	ND	ND	***50***	**880**	ND	ND	ND	NA	ND	ND	**120**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/24/1998	580	230	<6.6	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	***86***	**1,600**	<7.6	<7.2	<6.4	NA	<6	<8.2	**290**	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
6/18/1998	500	150	<16	<17	<22	NA	<43	<20	<32	<24	<27	**120**	**1,400**	<19	<18	<16	NA	<15	<20	**220**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
6/98 Dup.	510	150	<16	<17	<22	NA	<43	<20	<32	<24	<27	160	1,700	<19	<18	<16	NA	<15	<20	300	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
9/17/1998	670	130	<18	<17	<22	NA	<43	<20	<32	<24	<27	**120**	**1,700**	<19	<18	<16	NA	<15	<20	**240**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
9/98 Dup.	650	120	<7.2	<6.8	<8.8	NA	<17	<8.2	<13	<9.8	<11	130	1,700	<7.6	<7.2	<6.4	NA	<6	<8.2	250	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
12/7/1998	920	130	<18	<17	<22	NA	<43	<20	<32	<24	<27	**190**	**1,700**	<19	<18	<16	NA	<15	<20	**360**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
12/6/2000	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**6.6**	<5.0	<5.0	***97***	**1,100**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**1,400**	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	**25 "L"**	<5.0
7/18/2001	NA	NA	<10	<10	<10	<10	<10	<10	<10	<10	<10	***88***	**1,300**	<10	<10	<10	<10	<10	<10	**820**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<4.0	<10	<10	<10	<10	**330 "L"**	<10
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**9.9**	<0.50	***2.1***	***69***	**930**	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	**1,900**	<0.50	<0.25	0.28 "J"	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/03 Dup #1	NA	NA	<40	<10	<10	<10	<20	<10	<20	<20	<20	55	930	<10	<20	<10	<10	<10	<20	1,900	<20	<10	<10	<20	<20	<20	<10	<10	<20	<10	<10	<10	<10	<40	<10
4/7/2004	NA	NA	<5.0	<1.0	<1.0	<1.0	<2.5	<1.0	**5.7**	<2.5	<2.5	7.6	**200**	<1.0	<2.5	<1.2	<1.2	<1.0	<2.5	**130**	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<1.0	<1.0	<2.0	<1.2	<1.0	<1.0	<1.0	<5.0	<1.2
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer PZ-1 abandoned on April 27, 2004 and replaced by piezometer PZ-1/2R on June 24, 2004.																																	

PZ-2 Screened Interval: 35 to 40 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
5/10/1995	220	1,800	ND	ND	ND	NA	ND	ND	ND	ND	ND	9.6	**480**	ND	ND	ND	NA	ND	ND	**21**	ND	ND	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
7/29/1997	190	2,300	<0.66	<0.68	<0.88	NA	<1.7	<0.82	<1.3	<0.98	<1.1	1.7 "J"	***20***	<0.76	<0.72	<0.64	NA	<0.60	<0.82	***2.2 "J"***	<0.96	<0.62	<0.64	<0.70	<2.22	<0.58	<0.76	<0.72	<1.48	<0.88	<0.70	<0.74	NA	<2.4	<1.4
10/2/1997	370	370	ND	ND	ND	NA	ND	ND	ND	ND	ND	***58***	**1,100**	ND	ND	ND	NA	ND	ND	**38**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/24/1998	700	120	<16	<17	<22	NA	<43	<20	<32	<24	<27	**130**	**2,400**	<19	<18	<16	NA	<15	<20	**140**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
6/18/1998	600	1,700	<16	<17	<22	NA	<43	<20	<32	<24	<27	**240**	**2,800**	<19	<18	<16	NA	<15	<20	**220**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
9/16/1998	530	110	<18	<17	<22	NA	<43	<20	<32	<24	<27	**100**	**1,600**	<19	<18	<16	NA	<15	<20	**100**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
12/7/1998	760	110	<18	<17	<22	NA	<43	<20	<32	<24	<27	**220**	**1,500**	<19	<18	<16	NA	<15	<20	**240**	<24	<16	<16	<18	<54	<14	<19	<18	<37	<22	<18	<18	NA	<60	<36
12/6/2000	NA	NA	<12	<12	<12	<12	<12	<12	<12	<12	<12	***82***	**1,400**	<12	<12	<12	<12	<12	<12	**52**	<12	<5.0	<12	<12	<12	<12	<5.0	<5.0	<10.0	<12	<12	<12	<12	**32 "L"**	<12
12/00 Dup 1	NA	NA	<10	<10	<10	<10	<10	<10	13	<10	<10	110	1,700	<10	<10	<10	<10	<10	<10	76	<10	<4.0	<10	<10	<10	<10	<4.0	<4.0	<8.0	<10	<10	<10	<10	**16 "L"**	<10
7/18/2001	NA	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**11**	<2.5	<2.5	***22***	**470**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**22**	<2.5	<1.0	<1.0	<2.5	<2.5	<2.5	<1.0	<1.0	<1.0	<2.5	<2.5	<2.5	<2.5	**74 "L"**	<2.5
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**39**	<0.50	3.6	**150**	**2,200**	0.29 "J"	<0.50	<0.25	<0.25	<0.25	<0.50	**330**	<0.50	<0.25	0.37 "J"	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/7/2004	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**1.4**	<1.0	<1.0	10	**130**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**68**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer PZ-2 abandoned on April 27, 2004 and replaced by piezometer PZ-1/2R on June 24, 2004.																																	

PZ-1/2R Screened Interval: 31 to 36 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Replacement piezometer PZ-1/2R installed June 24, 2004 to replace piezometers PZ-1 and PZ-2.																																	
8/3/2004	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**31**	<12	<12	***79***	**1,600**	<5.0	<12	<6.2	<6.2	<5.0	<12	**1,200**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
2/2/2005	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.20	**42**	<0.50	***4.5***	**130**	**2,000**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**1,000**	<0.50	0.23 "J"	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**52**	<12	<12	***90***	**1,700**	<5.0	<12	<6.2	<6.2	<5.0	<12	**1,100**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10	<6.2	<5.0	<5.0	<5.0	<25	<6.2
3/8/2006	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**30**	<20	<20	**190**	**2,600**	<8.0	<20	<10	<10	<8.0	<20	**1,100**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
10/18/2006	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**24 "J"**	<20	<20	**260**	**2,500**	<8.0	<20	<10	<10	<8.0	<20	**2,200**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
4/4/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**15 "J"**	<20	<20	**200**	**1,900**	<8.0	<20	<10	<10	<8.0	<20	**1,800**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
11/8/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**68**	<20	<20	**240**	**2,200**	<8.0	<20	<10	<10	<8.0	<20	**1,700**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
6/3/2008	NA	NA	<32	<9.6	<6.4	<16	<16	<16	**45**	<16	<16	<16	**2,700**	<6.4	<16	<8.0	<8.0	<6.4	<16	**1,900**	<16	<6.4	<16	<16	<16	<16	<6.4	<6.4	<12.8	<8.0	<6.4	<6.4	<16	**72 "J"**	<8.0

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-3 Screened Interval: 60 to 65 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
7/29/1997	<20	61 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.30	<0.41	<0.44	<0.48	<0.31	0.48 "J"	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
10/1/1997	ND	64 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	0.58 "J"	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	<20	<26	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	0.39 "J"	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/17/1998	<20	87 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	2	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	0.43 "J"	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
7/30/1998	NA	NA	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	0.91 "J"	<0.54	<0.56	2	<0.38	2.4	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/16/1998	<20	48 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	0.74 "J"	0.74	<0.44	<0.35	<0.37	NA	<1.2	2.3 "J"
12/7/1998	27 "J"	110	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.3	<0.25	<0.25	***8***	<0.25	1.0	<0.25	<0.25	<0.25	<0.25	0.26 "J"	<0.25	<0.10	0.11 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/17/2001	NA	NA	<12	<3.8	<2.2	<4.6	<4.9	<3.5	<4.6	***98***	<7.3	<3.9	**330**	<1.8	***99***	<1.5	<1.1	<3.9	<2.9	<4.9	<6.3	<3.1	<3.9	<3.8	<11	<1.4	<3.3	<3.2	<6.5	<4.5	<4.4	<3.5	<1.6	**18 "L"**	<3.5
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	28	0.73 "J"	<0.50	***60***	<0.25	17	<0.25	<0.25	<0.25	<0.50	***0.82 "J"***	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	4.2	<0.50	<0.50	***22***	<0.20	1.9	<0.25	<0.25	<0.20	<0.50	***0.87 "J"***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	2.8	<0.50	<0.50	***18***	<0.20	1.0 "J"	<0.25	<0.25	<0.20	<0.50	***1.1***	<0.50	0.21 "J"	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.54 "J"	<0.50	<0.50	3.3	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.45 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	0.25 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/17/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.70 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**5.3**	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.6 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.24 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/5/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-4 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
10/1/1997	ND	160	ND	ND	ND	NA	ND	ND	**18**	0.5 "J"	ND	2.2	***22***	ND	ND	ND	NA	ND	ND	***0.58 "J"***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	28 "J"	93	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**13**	0.55 "J"	<0.54	2.3	***21***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	0.45 "J"	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
3/98 Dup.	<20	76 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	12	0.68 "J"	<0.54	2.5	20	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	280	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**16**	<0.49	<0.54	1.4 "J"	***24***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/15/1998	<20	130	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**20**	<0.49	<0.54	1.6 "J"	***19***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	43 "J"	180	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**18**	<0.49	<0.54	3.2	***23***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**34**	0.59 "J"	<0.25	5.5	**74**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/17/2001	NA	NA	<2.4	<0.76	<0.44	<0.92	<0.98	<0.70	**22**	<0.50	<1.5	1.9	***35***	<0.36	<0.56	<0.30	<0.22	<0.78	<0.58	<0.98	<1.3	<0.62	<0.78	<0.76	<2.2	<0.28	<0.66	<0.64	<1.3	<0.90	<0.88	<0.70	<0.32	<1.7	<0.70
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**5.7**	<0.50	<0.50	1.0 "J"	***16***	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	***0.56 "J"***	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**39**	0.96 "J"	<0.50	4.2	***66***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**38**	<0.50	<0.50	3.8	**82**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**38**	<0.50	<0.50	2.8	***58***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	1.0 "J"	<0.20	<0.20	<0.20	<0.50	<0.20	**80**	<0.50	<0.50	3.1	***59***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**130**	<0.50	<0.50	2.5	***58***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/17/2006	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	**130**	<2.0	<2.0	<2.0	***58***	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	<4.0	<1.0
4/4/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**97**	<1.0	<1.0	1.9 "J"	**130**	<0.40	<1.0	<0.5	<0.5	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.5	<0.40	<0.40	<0.40	<2.0	<0.50
11/6/2007	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	**130**	<2.0	<2.0	<2.0	**210**	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	<4.0	<1.0
6/3/2008	NA	NA	<2.0	<0.60	<0.40	<1.0	<1.0	<1.0	**47**	2.9 "J"	<1.0	1.5 "J"	**190**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**5.1**	<1.0	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<1.0	***4.1 "J"***	<0.50

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-5/PZ-5R Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
10/1/1997	ND	110	ND	ND	ND	NA	ND	ND	**21**	ND	ND	ND	3	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
10/97 Dup.	ND	170	ND	ND	ND	NA	ND	ND	22	ND	ND	ND	3.1	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	<20	80 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**26**	<0.49	<0.54	<0.56	3.4	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	83 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**25**	<0.49	<0.54	<0.56	5	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	43 "J"	<31	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**38**	<0.49	<0.54	<0.56	2.8	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**44**	<0.25	<0.25	<0.25	***20***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.29 "J"	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/16/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	0.88 "J"	<0.35	**16**	<0.25	<0.73	<0.39	***13***	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	<0.39	<0.38	<1.1	<0.14	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**14**	<0.50	<0.50	<0.50	***27***	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**20**	1.1 "J"	<0.50	<0.50	***49***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**18**	0.75 "J"	<0.50	<0.50	***32***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**15**	1.2 "J"	<0.50	<0.50	***49***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/05 Dup #2	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	16	1.3 "J"	<0.50	<0.50	52	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**16**	1.2 "J"	<0.50	0.62 "J"	***60***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**20**	1.4 "J"	<0.50	0.73 "J"	***63***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**16**	1.4 "J"	<0.50	2.6	***60***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.5 "L"***	<0.25
11/12/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**21**	1.5 "J"	<0.50	0.55 "J"	***60***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**24**	2.0	<0.50	1.1 "J"	**76**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-6 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
10/3/1997	ND	89 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	1.1 "J"	ND	ND	ND	NA	ND	ND	***0.7 "J"***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	<20	63 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**0.68 "J"**	<0.49	<0.54	<0.56	3	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	36 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**2.7**	<0.49	<0.54	<0.56	2.6	<0.38	<0.36	<0.32	NA	<0.3	<0.41	***0.6 "J"***	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/15/1998	<20	68 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**7.9**	<0.49	<0.54	<0.56	2.3	<0.38	<0.36	<0.32	NA	<0.3	<0.41	***0.52 "J"***	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	<20	<31	<0.36	<0.34	<0.44	NA	<0.86	<0.41	**18**	<0.49	<0.54	<0.56	1.9	<0.38	<0.36	<0.32	NA	<0.3	<0.41	0.47 "J"	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**87**	1.2	<0.25	<0.25	***51***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/18/2001	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**40**	0.69 "J"	<0.25	<0.25	***29***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.46 "J"	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	***0.85 "L"***	<0.25
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**92**	11	<0.50	2.7	**170**	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/7/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/4/2004	NA	NA	2.1 "J"	<0.20	<0.20	<0.20	<0.50	<0.20	**220**	***110***	***3.8***	11	**1,200**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
8/04 Dup #4	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	230	99	<20	<20	1,100	<8.0	<20	<10	<10	<8.0	<20	<8.0	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
1/31/2005	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**140**	***110***	<10	14	**1,800**	<4.0	<10	<5.0	<5.0	<4.0	<10	**16**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
9/13/2005	NA	NA	<32	<4.0	<4.0	<4.0	<10	<6.2	**110**	84	<16	<16	**1,600**	<6.4	<16	<5.0	<5.0	<8.0	<16	**110**	<16	<6.4	<6.4	<16	<16	<16	<6.4	<6.4	<12.8	<8.0	<6.4	<6.4	<6.4	<32	<8.0
3/8/2006	NA	NA	<100	<20	<20	<20	<50	<20	**120**	84 "J"	<50	<50	**2,000**	<20	<50	<25	<25	<20	<50	**170**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
10/18/2006	NA	NA	<50	<10	<10	<10	<25	<10	**110**	70 "J"	<25	<25	**1,700**	<10	<25	<12	<12	<10	<25	**120**	<25	<10	<10	<25	<25	<25	<10	<10	<20	<12	<10	<10	<10	<50	<12
4/2/2007	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**130**	***95***	**10 "J"**	***30 "J"***	**2,200**	<4.0	<10	<5.0	<5.0	<4.0	<10	**180**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
11/8/2007	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**130**	***87***	<12	***26 "J"***	**2,100**	<5.0	<12	<6.2	<6.2	<5.0	<12	**230**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
6/5/2008	NA	NA	<25	<7.5	<5.0	<12	<12	<12	**170**	***120***	**14 "J"**	***46***	**2,700**	<5.0	<12	<6.2	<6.2	<5.0	<12	**300**	<12	<5.0	<12	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<12	<25	<6.2

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-7 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
10/3/1997	ND	64 "J"	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND
3/17/1998	<20	230	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**0.88 "J"**	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	230	<0.33	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
9/15/1998	<20	210	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/7/1998	24 "J"	97 "J"	<0.36	<0.34	<0.44	NA	<0.86	<0.41	<0.63	<0.49	<0.54	<0.56	<0.39	<0.38	<0.36	<0.32	NA	<0.3	<0.41	<0.44	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
12/6/2000	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	***3.0***	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
7/16/2001	NA	NA	<1.2	<0.38	<0.22	<0.46	1.6 "J"	<0.35	<0.46	<0.25	<0.73	<0.39	<0.23	<0.18	<0.28	<0.15	<0.11	<0.39	<0.29	<0.49	<0.63	<0.31	<0.39	<0.38	<1.1	<0.14	<0.33	<0.32	<0.65	<0.45	<0.44	<0.35	<0.16	<0.87	<0.35
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.5 "L"***	<0.25
11/12/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-8 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/17/1998	520	210	<6.6	<6.8	<8.8	NA	<17	<8.2	**210**	<9.8	<11	***37***	**1,900**	<7.6	<7.2	<6.4	NA	<6	<8.2	<8.8	<9.6	<6.2	<6.4	<7	<22.2	<5.8	<7.6	<7.2	<14.8	<8.8	<7	<7.4	NA	<24	<14
6/17/1998	670	220	<33	<34	<44	NA	<86	<41	**350**	<49	<54	<56	**2,700**	<38	<36	<32	NA	<30	<41	**140**	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
9/16/1998	600	150	<36	<34	<44	NA	<86	<41	**350**	<49	<54	<56	**2,600**	<38	<36	<32	NA	<30	<41	<44	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
12/7/1998	660	280	<36	<34	<44	NA	<86	<41	**170 "J"**	<49	<54	<56	**1,500**	<38	<36	<32	NA	<30	<41	<44	<48	<31	<32	<35	<109	<29	<38	<36	<74	<44	<35	<37	NA	<120	<72
12/6/2000	NA	NA	<20	<20	<20	<20	<20	<20	**200**	<20	<20	***42***	**2,300**	<20	<20	<20	<20	<20	<20	<20	<20	<8.0	<20	<20	<20	<20	<8.0	<8.0	<16.0	<20	<20	<20	<20	**37 "L"**	<20
7/17/2001	NA	NA	<240	<76	<44	<92	<98	<70	<92	<50	<150	<78	**1,800**	<36	<56	<30	<22	<78	<58	<98	<130	<62	<78	<76	<220	<28	<66	<64	<130	<90	<88	<70	<32	**410 "L"**	<70
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**27**	1.2 "J"	***2.7***	***62***	**1,600**	<0.25	1.2 "J"	<0.25	<0.25	<0.25	<0.50	<5.0	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**6.5**	<0.50	<0.50	1.5 "J"	***66***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**19**	16	<0.50	3.3	**520**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.3***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**140**	38	***1.8***	8.4	**1,500**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.0***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**510**	28 "J"	<12	<12	**1,000**	<5.0	<12	<6.2	<6.2	<5.0	<12	<5.0	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
10/17/2006	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**550**	21 "J"	<8.0	<8.0	**640**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	<3.2	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**470**	26	***0.77 "J"***	6.1	**540**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**6.2**	<0.25
11/8/2007	NA	NA	<8.0	<1.6	<1.6	<1.6	<4.0	<1.6	**540**	23	<4.0	<4.0	**540**	<1.6	<4.0	<2.0	<2.0	<1.6	<4.0	<1.6	<4.0	<1.6	<1.6	<4.0	<4.0	<4.0	<1.6	<1.6	<3.2	<2.0	<1.6	<1.6	<1.6	<8.0	<2.0
11/07 Dup #4	NA	NA	<4.0	<0.80	<0.80	<0.80	<2.0	<0.80	430	20	<2.0	6.7 "J"	460	<0.80	<2.0	<1.0	<1.0	<0.80	<2.0	<0.80	<2.0	<0.80	<0.80	<2.0	<2.0	<2.0	<0.80	<0.80	<1.6	<1.0	<0.80	<0.80	<0.80	<4.0	<1.0
6/4/2008	NA	NA	<10	<3.0	<2.0	<5.0	<5.0	<5.0	**1,100**	30	<5.0	<5.0	**1,000**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	***4.3 "J"***	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<5.0	**15 "J"**	<2.5
6/08 Dup #3	NA	NA	<20	<6.0	<4.0	<10	<10	<10	1,300	41	<10	16 "J"	1,200	<4.0	<10	<5.0	<5.0	<4.0	<10	<4.0	<10	<4.0	<10	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<10	<20	<5.0

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-9 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/17/1998	34 "J"	63 "J"	<0.33	<0.34	<0.44	NA	<0.86	<0.41	**2.2**	<0.49	<0.54	0.63 "J"	***46***	<0.38	<0.36	<0.32	NA	<0.3	<0.41	***1.7***	<0.48	<0.31	<0.32	<0.35	<1.09	<0.29	<0.38	<0.36	<0.74	<0.44	<0.35	<0.37	NA	<1.2	<0.72
6/16/1998	<20	87 "J"	<3.3	<3.4	<4.4	NA	<8.6	<4.1	**27**	<4.9	<5.4	<5.6	**140**	<3.8	<3.6	<3.2	NA	<3	<4.1	<4.4	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
6/98 Dup.	23 "J"	74 "J"	<3.3	<3.4	<4.4	NA	<8.6	<4.1	22	<4.9	<5.4	<5.6	120	<3.8	<3.6	<3.2	NA	<3	<4.1	<4.4	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
9/16/1998	32 "J"	71 "J"	<3.6	<3.4	<4.4	NA	<8.6	<4.1	**51**	<4.9	<5.4	<5.6	**260**	<3.8	<3.6	<3.2	NA	<3	<4.1	<4.4	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/7/1998	94	120	<3.6	<3.4	<4.4	NA	<8.6	<4.1	**24**	<4.9	<5.4	<5.6	**120**	<3.8	<3.6	<3.2	NA	<3	<4.1	<4.4	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/98 Dup.	81	110	<3.6	<3.4	<4.4	NA	<8.6	<4.1	24	<4.9	<5.4	<5.6	130	<3.8	<3.6	<3.2	NA	<3	<4.1	<4.4	<4.8	<3.1	<3.2	<3.5	<10.9	<2.9	<3.8	<3.6	<7.4	<4.4	<3.5	<3.7	NA	<12	<7.2
12/6/2000	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**180**	<5.0	<5.0	11	**870**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<5.0	<5.0	<5.0	<5.0	**9.4 "L"**	<5.0
7/17/2001	NA	NA	<24	<7.6	<4.4	<9.2	<9.8	<7.0	<9.2	<5.0	<15	9.8	**680**	<3.6	<5.6	<3.0	<2.2	<7.8	<5.8	<9.8	<13	<6.2	<7.8	<7.6	<22	<2.8	<6.6	<6.4	<13	<9.0	<8.8	<7.0	<3.2	**46 "L"**	<7.0
3/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**2.9**	<0.50	<0.50	0.80 "J"	***15***	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	0.63 "J"	<0.50	2.0	<0.50	0.38 "J"	<0.25	0.38	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**600**	<0.50	***3.6***	***25***	**3,000**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.43 "J"	<0.50	***0.98***	0.56 "J"	<0.50	1.3 "J"	<0.50	<0.20	0.24 "J"	0.24	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
8/04 Dup #2	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	600	<0.50	2.9	25	2,900	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.57 "J"	<0.50	0.83	0.47 "J"	<0.50	1.2 "J"	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**13**	<0.50	<0.50	0.77 "J"	**72**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	***0.58 "J"***	<0.20	<0.50	<0.50	<0.50	0.41 "J"	<0.20	0.41	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	2.4 "J"	<0.20	<0.20	<0.20	<0.50	<0.20	**570**	1.5 "J"	***2.0***	19	**1,600**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.30 "J"	<0.50	***0.90***	0.46 "J"	<0.50	1.3 "J"	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.4 "J"***	<0.25
3/7/2006	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**850**	***140***	<12	***32 "J"***	**3,400**	<5.0	<12	<6.2	<6.2	<5.0	<12	**13 "J"**	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
10/17/2006	NA	NA	<80	<16	<16	<16	<40	<16	**870**	***210***	<40	<40	**4,200**	<16	<40	<20	<20	<16	<40	**56**	<40	<16	<16	<40	<40	<40	<16	<16	<32	<20	<16	<16	<16	<80	<20
4/3/2007	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**160**	51	<10	<10	**1,100**	<4.0	<10	<5.0	<5.0	<4.0	<10	**23**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
11/8/2007	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**800**	***180***	<8.0	***51***	**4,400**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	**57**	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
6/5/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**7.8**	0.52 "J"	<0.50	0.55 "J"	***24***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.53 "J"***	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-10 Screened Interval: 91 to 96 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
7/18/2001	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	***7***	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	***5.5***	<0.25	<0.10	0.16 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	***1.0 "L"***	<0.25
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.51 "J"	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	***0.85***	<0.25	<0.10	0.19 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
3/02 Dup #1	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.60 "J"	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.97	<0.25	<0.10	0.17 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	***0.70 "J"***	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																			
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.29 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.31 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/4/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.33 "J"	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-11 Screened Interval: 28.5 to 33.5 feet bgs

Sampling Date	GRO	DRO	VOCs																														
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
7/17/2001	NA	NA	<600	<190	<110	<230	<240	<180	**300**	<120	<360	<200	**3,000**	<90	<140	<75	<55	<200	<140	<240	<320	<160	<200	<190	<550	<70	<160	<160	<320	<220	<220	<180	<80	**1,100 "L"**	<180
3/12/2002	NA	NA	<12	<12	<12	<12	<12	<12	**640**	<12	<12	***50***	**3,700**	<12	<12	<12	<12	<12	<12	**150**	<12	**13**	9.0	<12	19	<12	5.5	8.0	13.5	<12	<12	<12	<12	<12	<12
4/28/2003	NA	NA	<80	<20	<20	<20	<40	<20	**320**	<40	<40	<40	**3,100**	<20	<40	<20	<20	<20	<40	**63**	<40	<20	<20	<40	<40	<40	<20	<20	<40	<20	<20	<20	<20	<80	<20
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**200**	<0.50	***5.0***	***42***	**2,500**	0.30 "J"	<0.50	<0.25	<0.25	<0.20	<0.50	**40**	<0.50	***1.5***	0.33 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**180**	<0.50	***4.1***	***33***	**2,300**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**40**	<0.50	***1.6***	0.34 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.20 "J"**	<0.50	<0.50	0.90 "J"	***28***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.59 "J"***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**170**	<0.50	***3.0***	***29***	**1,800**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**36**	<0.50	***1.2***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**260**	<20	<20	***24 "J"***	**1,800**	<8.0	<20	<10	<10	<8.0	<20	**24 "J"**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
10/17/2006	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**210**	<20	<20	***26 "J"***	**1,600**	<8.0	<20	<10	<10	<8.0	<20	**22 "J"**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**200**	10	***3.0***	***34***	**1,600**	0.25 "J"	<0.50	<0.25	<0.25	<0.20	<0.50	**20**	<0.50	***1.0***	0.25 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**5.5**	<0.25
11/7/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**11**	<0.50	<0.50	1.3 "J"	***64***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.85***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/07 Dup #3	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	210	<10	<10	27 "J"	1,300	<4.0	<10	<5.0	<5.0	<4.0	<10	18	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
6/4/2008	NA	NA	<2.0	<0.60	<0.40	<1.0	<1.0	<1.0	**170**	6.2	***2.5 "J"***	2.5 "J"	**1,400**	<0.40	<5.0	<2.5	<2.5	<2.0	<1.0	**17**	<1.0	***0.74 "J"***	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<1.0	**5.9 "J"**	<0.50

Note: 11/07 Dup #3 results are not consistent with 11/7/2007 groundwater sample results; however, the duplicate sample results are more consistent with historical groundwater data and should be used as the November 2007 groundwater quality data.

PZ-12 Screened Interval: 29 to 34 feet bgs

Sampling Date	GRO	DRO	VOCs																														
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
7/17/2001	NA	NA	<600	<190	<110	<230	<240	<180	**240**	<120	<360	<200	**4,100**	<90	<140	<75	<55	<200	<140	**280**	<320	<160	<200	<190	<550	<70	<160	<160	<320	<220	<220	<180	<80	**1,200 "L"**	<180
3/12/2002	NA	NA	<20	<20	<20	<20	<20	<20	**510**	<20	<20	***68***	**5,400**	<20	<20	<20	<20	<20	<20	**120**	<20	<8.0	<20	<20	<20	<20	<8.0	<8.0	<16.0	<20	<20	<20	<20	<20	<20
4/28/2003	NA	NA	<100	<25	<25	<25	<50	<25	**380**	<50	<50	***53***	**4,900**	<25	<50	<25	<25	<25	<50	**74**	<50	<25	<25	<50	<50	<50	<25	<25	<50	<25	<25	<25	<25	<100	<25
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**400**	<0.50	**19**	***83***	**5,900**	***0.73***	<0.50	<0.25	<0.25	<0.20	<0.50	**120**	<0.50	***2.4***	0.43 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<100	<20	<20	<20	<50	<20	**450**	<50	<50	***82***	**6,800**	<20	<50	<25	<25	<20	<50	**320**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**360**	<0.50	**24**	**100**	**7,200**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**210**	<0.50	***2.3***	0.60 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**190**	<0.50	**19**	***67***	**4,600**	0.44 "J"	<0.50	<0.25	<0.25	<0.20	<0.50	**230**	<0.50	***1.6***	0.43 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<100	<20	<20	<20	<50	<20	**110**	<50	<50	<50	**3,600**	<20	<50	<25	<25	<20	<50	**160**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
10/17/2006	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**63**	<20	<20	***33 "J"***	**2,100**	<8.0	<20	<10	<10	<8.0	<20	**96**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
4/4/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**36**	<20	<20	***23 "J"***	**1,600**	<8.0	<20	<10	<10	<8.0	<20	**75**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
11/6/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**48**	<20	<20	***40 "J"***	**2,000**	<8.0	<20	<10	<10	<8.0	<20	**40**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
6/4/2008	NA	NA	<40	<12	<8.0	<20	<20	<20	**41**	<20	<20	<20	**1,800**	<8.0	<20	<10	<10	<8.0	<20	**60**	<20	<8.0	<20	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<20	**60 "J"**	<10

PZ-13 Screened Interval: 30.5 to 35.5 feet bgs

Sampling Date	GRO	DRO	VOCs																														
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
7/17/2001	NA	NA	<24	<7.6	<4.4	<9.2	<9.8	<7.0	**150**	<5.0	<15	***26***	**1,200**	<3.6	<5.6	<3.0	<2.2	<7.8	<5.8	<9.8	<13	<6.2	<7.8	<7.6	<22	<2.8	<6.6	<6.4	<13	<9.0	<8.8	<7.0	<3.2	**39 "L"**	<7.0
3/12/2002	NA	NA	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	**150**	<6.2	<6.2	***30***	**1,400**	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2	<2.5	<2.5	<6.2	<6.2	<6.2	<2.5	<2.5	<5.0	<6.2	<6.2	<6.2	<6.2	<6.2	<6.2
3/02 Dup #2	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	120	<0.25	2.0	31	1,100	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.39	<0.10	<0.25	<0.25	0.61 "J"	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<10	<2.5	<2.5	<2.5	<0.50	<2.5	**450**	<5.0	<5.0	***20***	**830**	<2.5	<5.0	<2.5	<2.5	<2.5	<5.0	<2.5	<5.0	<2.5	<2.5	<5.0	<5.0	<5.0	<2.5	<2.5	<5.0	<2.5	<2.5	<2.5	<2.5	<10	<2.5
4/6/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**310**	<0.50	***1.4 "J"***	***35***	**600**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.4***	<0.50	0.26 "J"	0.37 "J"	<0.50	<0.50	0.61 "J"	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**180**	<8.0	<8.0	***31***	**840**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	<3.2	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
1/31/2005	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**270**	<8.0	<8.0	15	**660**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	<3.2	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
9/14/2005	NA	NA	<10	<3.2	<3.2	<3.2	<8.0	<2.0	**520**	<5.0	<5.0	9.2 "J"	**410**	<2.0	<5.0	<4.0	<4.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
3/7/2006	NA	NA	<10	<3.2	<3.2	<3.2	<8.0	<2.0	**200**	<5.0	<5.0	19	**670**	<2.0	<5.0	<4.0	<4.0	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**290**	<0.50	***0.83 "J"***	19	**580**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	0.21 "J"	0.39 "J"	<0.50	1.0 "J"	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	0.28 "J"
4/4/2007	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**370**	<5.0	<5.0	<5.0	**240**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
11/6/2007	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**740**	<5.0	<5.0	<5.0	**98**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	<2.0	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
6/3/2008	NA	NA	<10	<3.0	<2.0	<5.0	<5.0	<5.0	**690**	<5.0	<5.0	6.5 "J"	**390**	<2.0	<5.0	<2.5	<2.5	<2.0	<5.0	**6.7**	<5.0	<2.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<5.0	**24 "J"**	<2.5

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-14 Screened Interval: 71 to 76 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.45 "J"	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.17 "J"	0.23 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.1 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.75 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.83 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.73 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.74 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.5 "L"***	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.57 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

11/6/07: 1,2,4-trichlorobenzene = 0.36 "J" µg/L reported in groundwater sample, which is below the NR 140 PAL of 14 µg/L. However, this compound has not been detected during other sampling events.

PZ-15 Screened Interval: 33 to 38 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.7 "L"***	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

11/6/07: 1,2,4-trichlorobenzene = 0.27 "J" µg/L reported in groundwater sample, which is below the NR 140 PAL of 14 µg/L. However, this compound has not been detected during other sampling events.

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

PZ-16 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	0.12 "J"	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.50	<0.50	<0.50	0.72 "J"	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
1/31/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/13/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/9/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/2/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.2 "L"***	<0.25
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-17 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
3/12/2002	NA	NA	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**42**	0.54 "J"	<0.25	***24***	**78**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.10	<0.10	<0.25	<0.25	<0.25	<0.10	<0.10	<0.20	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
4/28/2003	NA	NA	<1.0	<0.25	<0.25	<0.25	<0.50	<0.25	**24**	<0.50	<0.50	15	**76**	<0.25	<0.50	<0.25	<0.25	<0.25	<0.50	<0.25	<0.50	<0.25	<0.25	<0.50	<0.50	<0.50	<0.25	<0.25	<0.50	<0.25	<0.25	<0.25	<0.25	<1.0	<0.25
4/6/2004	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**27**	<1.0	<1.0	18	**140**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004																																		
8/2/2004	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**29**	<1.0	<1.0	16	**140**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
1/31/2005	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**36**	1.2 "J"	<0.50	***21***	**140**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
9/13/2005	NA	NA	<1.0	<0.40	<0.40	<0.40	<1.0	<0.20	**45**	0.77 "J"	<0.25	16	**120**	<0.20	<0.5	<0.50	<0.50	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**46**	<1.0	<1.0	13	**110**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
10/16/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**62**	0.54 "J"	<0.50	13	**100**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**50**	<1.0	<1.0	9.4	**82**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	**6.3 "L,J"**	<0.50
11/6/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**82**	0.50 "J"	<0.50	11	**97**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/2/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**83**	<0.50	<0.50	12	**110**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

PZ-18 Screened Interval: 30 to 35 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
6/17/2009	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**140**	15	***1.1 "J"***	5.4	**390**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.2 "J"***	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25
6/09 Dup	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	140	15	1.1 "J"	5.5	380	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<1.0	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

SWMW-1 Screened Interval: 3 to 18 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-1 installed June 23, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**10**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
8/04 Dup #3	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**11**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**7.5**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.95 "J"	<0.50	<0.50	0.96 "J"	0.29 "J"	<0.50	<0.25	<0.25	<0.20	<0.50	**20**	<0.50	***0.51 "J"***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.86***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	0.93 "J"	<0.50	<0.50	1.6 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**13**	<0.50	0.25 "J"	<0.20	<0.50	0.58 "J"	<0.50	<0.20	0.39 "J"	0.39	<0.25	<0.20	<0.20	<0.20	<1.0	0.35 "J"
4/4/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.24 "J"**	1.2 "J"	<0.50	<0.50	***8.5***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***3.8***	<0.50	<0.20	0.35 "J"	<0.50	1.8	<0.50	0.69	1.8	2.49	<0.25	<0.20	<0.20	<0.20	<1.0	0.81 "J"
11/7/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.37 "J"**	1.1 "J"	<0.50	0.93 "J"	5.6	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**7.8**	<0.50	0.21 "J"	0.25 "J"	<0.50	0.84 "J"	<0.50	0.20 "J"	0.63 "J"	0.83 "J"	<0.25	<0.20	<0.20	<0.20	<1.0	0.41 "J"
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**2.3**	0.69 "J"	<0.50	0.88 "J"	***59***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**9.7**	<0.50	<0.20	<0.50	<0.50	0.64 "J"	<0.50	0.33 "J"	0.32 "J"	0.65 "J"	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

4/4/07: Isopropylbenzene = 0.23 "J" µg/L reported in groundwater sample. No NR 140 standards exist.

SWMW-2 Screened Interval: 2.8 to 17.8 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-3 installed June 22, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.84***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.2	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***2.5***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**9.3**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**8.7**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/06 Dup #2	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	7.6	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**33**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/4/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<1.0	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**17**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
11/7/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**37**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.50	<0.50	1.5 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**31**	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

SWMW-3 Screened Interval: 3 to 18 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-3 installed June 22, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	0.32 "J"	<0.20	<0.50	<0.20	**230**	***450***	**26**	**110**	**19,000**	***0.70***	***130***	***1.3***	<0.25	<0.20	<0.50	**2,100**	***0.56 "J"***	***0.84***	0.55 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**110**	***100***	**12**	***35***	**6,900**	***0.81***	***65***	***0.54 "J"***	<0.25	<0.20	<0.50	**1,300**	<0.50	0.46 "J"	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	0.23 "J"	<0.20	<0.50	<0.20	**83**	***87***	**14**	***28***	**3,900**	***1.1***	***57***	0.33 "J"	<0.25	<0.20	<0.50	**2,400**	***1.2 "J"***	0.40 "J"	0.96	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.4 "J"***	0.31 "J"
3/7/2006	NA	NA	<100	<20	<20	<20	<50	<20	**87**	73 "J"	<50	<50	**3,300**	<20	<50	<25	<25	<20	<50	**1,100**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
10/17/2006	NA	NA	<100	<20	<20	<20	<50	<20	**260**	***100 "J"***	<50	<50	**4,200**	<20	<50	<25	<25	<20	<50	**950**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
4/3/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**120**	71	<20	<20	**1,900**	<8.0	<20	<10	<10	<8.0	<20	**590**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
11/8/2007	NA	NA	<10	<2.0	<2.0	<2.0	<5.0	<2.0	**170**	61	<5.0	9.0 "J"	**1,100**	<2.0	8.3 "J"	<2.5	<2.5	<2.0	<5.0	**380**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	3.1 "J"
6/4/2008	NA	NA	<20	<6.0	<4.0	<10	<10	<10	**200**	***100***	<10	16 "J"	**1,200**	<4.0	13 "J"	<5.0	<5.0	<4.0	<10	**310**	<10	<4.0	<10	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<10	<20	<5.0

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

SWMW-4 Screened Interval: 3 to 18 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-4 installed June 22, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**77**	66	<0.50	2.5	**87**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.2***	<0.50	***1.8***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**5.0**	1.8	***0.77 "J"***	8.8	**680**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**13**	<0.50	0.41 "J"	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**73**	58	***2.1***	18	**1,200**	<0.20	4.3	<0.25	<0.25	<0.20	<0.50	**96**	<0.50	0.42 "J"	1.0	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**60**	27 "J"	<10	<10	**460**	<4.0	<10	<5.0	<5.0	<4.0	<10	**96**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
10/17/2006	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**84**	29	<8.0	<8.0	**580**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	**73**	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
4/3/2007	NA	NA	<8.0	<1.6	<1.6	<1.6	<4.0	<1.6	**39**	15	<4.0	<4.0	**290**	<1.6	<4.0	<2.0	<2.0	<1.6	<4.0	**44**	<4.0	<1.6	<1.6	<4.0	<4.0	<4.0	<1.6	<1.6	<3.2	<2.0	<1.6	<1.6	<1.6	<8.0	<2.0
11/7/2007	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**61**	18	<1.0	2.7 "J"	**150**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**34**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
6/4/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**35**	19	1.1 "J"	3.3	**190**	0.44 "J"	1.5 "J"	<0.25	<0.25	<0.20	<0.50	**48**	<0.50	0.27 "J"	0.53 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

SWMW-5 Screened Interval: 3 to 18 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-5 installed June 21, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	2.2	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	0.25 "J"	0.25	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.3**	1.1 "J"	<0.50	<0.50	***7.0***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/05 Dup #1	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	3.0	1.2 "J"	<0.50	<0.50	7.4	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	4.8	<0.20	<0.20	<0.20	<0.50	<0.20	**8.2**	1.5 "J"	<0.50	0.97 "J"	***22***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**4.0**	1.2 "J"	<0.50	<0.50	***13***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/17/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**15**	2.2	<0.50	1.3 "J"	***27***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.29 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**0.32 "J"**	2.4	<0.50	<0.50	***16***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	**6.0**	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**8.5**	5.3	<0.50	1.3 "J"	***36***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/4/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**5.6**	4.7	<0.50	0.95 "J"	***26***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

SWMW-6 Screened Interval: 3 to 18 feet bgs

Sampling Date	GRO	DRO	Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
			VOCs																																
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Monitoring well SWMW-6 installed June 21, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.0**	1.2 "J"	<0.50	<0.50	***11***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.4**	0.92 "J"	<0.50	<0.50	***8.3***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	0.34 "J"	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	1.2 "J"	<0.20	<0.20	<0.20	<0.50	<0.20	**6.4**	<0.50	<0.50	<0.50	6.2	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**10**	0.82 "J"	<0.50	<0.50	5.4	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**12**	1.1 "J"	<0.50	0.51 "J"	6.8	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**6.7**	1.2 "J"	<0.50	<0.50	5.1	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	0.21 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***4.0 "L"***	<0.25
11/8/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**12**	1.3 "J"	<0.50	<0.50	***7.3***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/4/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**11**	1.5 "J"	<0.50	0.67 "J"	6.0	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	<0.20	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

6/4/08: Bromochloromethane = 0.65 "J" µg/L reported in groundwater sample. No NR 140 standards exist.

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

SWPZ-1 Screened Interval: 29 to 34 feet bgs

Sampling Date	GRO	DRO	VOCs																																
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer SWPZ-1 installed June 23, 2004.																																		
8/3/2004	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**140**	46	<10	<10	**750**	<4.0	<10	<5.0	<5.0	<4.0	<10	<4.0	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
2/2/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	0.73 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**54**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.0**	1.6 "J"	<0.50	<0.50	***25***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**13**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	1.2 "J"	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.54 "J"***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
10/18/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.0**	<0.50	<0.50	<0.50	***18***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**5.3**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/4/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**1.3**	<0.50	<0.50	<0.50	***19***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***3.2***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
11/7/2007	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**2.7**	<0.50	<0.50	<0.50	***18***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.2***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
6/3/2008	NA	NA	<1.0	<0.30	<0.20	<0.50	<0.50	<0.50	**4.3**	<0.50	<0.50	<0.50	***18***	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.1***	<0.50	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.50	<1.0	<0.25

SWPZ-2 Screened Interval: 29 to 34 feet bgs

Sampling Date	GRO	DRO	VOCs																																
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer SWPZ-2 installed June 23, 2004.																																		
8/3/2004	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**210**	***86***	<20	<20	**1,400**	<8.0	<20	<10	<10	<8.0	<20	***0.84***	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
2/2/2005	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**44**	<10	<10	<10	**340**	<4.0	<10	<5.0	<5.0	<4.0	<10	<4.0	<10	<4.0	<4.0	<10	<10	<10	<4.0	4.6	4.6	<5.0	<4.0	<4.0	<4.0	<20	6.2
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**130**	70	***6.7***	11	**1,300**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**35**	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/8/2006	NA	NA	<20	**12 "J"**	<4.0	<4.0	<10	<4.0	**110**	52	<10	<10	**1,200**	<4.0	<10	<5.0	<5.0	<4.0	<10	**39**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
10/18/2006	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**110**	43	<10	<10	**1,100**	<4.0	<10	<5.0	<5.0	<4.0	<10	**13**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
4/4/2007	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**110**	45	<10	<10	**1,200**	<4.0	<10	<5.0	<5.0	<4.0	<10	**7.6 "J"**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
11/7/2007	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**85**	32	<8.0	<8.0	**1,000**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	<3.2	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
6/3/2008	NA	NA	<20	<6.0	<4.0	<10	<10	<10	**140**	49	<10	15 "J"	**1,500**	<4.0	<10	<5.0	<5.0	<4.0	<10	**12 "J"**	<10	<4.0	<10	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<10	**20 "J"**	<5.0

SWPZ-4 Screened Interval: 26 to 31 feet bgs

Sampling Date	GRO	DRO	VOCs																																
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer SWPZ-4 installed June 22, 2004.																																		
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**260**	1.4 "J"	***3.4***	***33***	**2,000**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**60**	<0.50	***1.5***	0.51 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**160**	35	***1.7***	8.8	**420**	<0.20	2.3	<0.25	<0.25	<0.20	<0.50	**15**	<0.50	0.49 "J"	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/14/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**170**	<0.50	***2.7***	***27***	**1,400**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**13 "J"**	<0.50	***0.92***	0.28 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
3/7/2006	NA	NA	<20	<4.0	<4.0	<4.0	<10	<4.0	**250**	<10	<10	***30 "J"***	**2,000**	<4.0	<10	<5.0	<5.0	<4.0	<10	**13**	<10	<4.0	<4.0	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<4.0	<20	<5.0
10/17/2006	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**48**	<0.50	<0.50	4.0	**250**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***1.5***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**170**	<12	<12	<12	**1,000**	<5.0	<12	<6.2	<6.2	<5.0	<12	<5.0	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
11/7/2007	NA	NA	<16	<3.2	<3.2	<3.2	<8.0	<3.2	**200**	9.8 "J"	<8.0	16 "J"	**1,300**	<3.2	<8.0	<4.0	<4.0	<3.2	<8.0	**9.8 "J"**	<8.0	<3.2	<3.2	<8.0	<8.0	<8.0	<3.2	<3.2	<6.4	<4.0	<3.2	<3.2	<3.2	<16	<4.0
6/4/2008	NA	NA	<20	<6.0	<4.0	<10	<10	<10	**370**	23 "J"	<10	***35***	**2,000**	<4.0	<10	<5.0	<5.0	<4.0	<10	**16**	<10	<4.0	<10	<10	<10	<10	<4.0	<4.0	<8.0	<5.0	<4.0	<4.0	<10	<20	<5.0

Table 1
VOC Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

SWPZ-5 Screened Interval: 26 to 31 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer SWPZ-5 installed June 21, 2004.																																	
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**220**	<0.50	***2.4***	***26***	**2,200**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**260**	<0.50	***1.8***	0.71	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**3.7**	<0.50	***0.96 "J"***	7.9	**750**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**22**	<0.50	***0.88***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	<10	<0.20	<0.20	<0.20	<0.50	<2.0	**630**	***110***	<5.0	***34***	**4,400**	<2.0	<5.0	<0.25	<0.25	<2.0	<5.0	**170**	<5.0	<2.0	<2.0	<5.0	<5.0	<5.0	<2.0	<2.0	<4.0	<2.5	<2.0	<2.0	<2.0	<10	<2.5
3/7/2006	NA	NA	<2.0	<0.40	<0.40	<0.40	<1.0	<0.40	**32**	8.2	<1.0	1.6 "J"	**140**	<0.40	<1.0	<0.50	<0.50	<0.40	<1.0	**6.5**	<1.0	<0.40	<0.40	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
10/18/2006	NA	NA	<160	<32	<32	<32	<80	<32	**1,300**	***360***	<80	<80	**7,100**	<32	<80	<40	<40	<32	<80	**240**	<80	<32	<32	<80	<80	<80	<32	<32	<64	<40	<32	<32	<32	<160	<40
4/3/2007	NA	NA	<100	<20	<20	<20	<50	<20	**1,300**	***410***	<50	***56 "J"***	**9,400**	<20	<50	<25	<25	<20	<50	**230**	<50	<20	<20	<50	<50	<50	<20	<20	<40	<25	<20	<20	<20	<100	<25
11/8/2007	NA	NA	4.2 "J"	<0.40	<0.40	<0.40	<1.0	<0.40	**1,100**	***320***	**9.9**	***52***	**9,200**	***0.94 "J"***	<1.0	<0.50	<0.50	<0.40	<1.0	**180**	<1.0	***1.3 "J"***	1.2 "J"	<1.0	<1.0	<1.0	<0.40	<0.40	<0.80	<0.50	<0.40	<0.40	<0.40	<2.0	<0.50
6/4/2008	NA	NA	<100	<30	<20	<50	<50	<50	**1,900**	***590***	<50	**120 "J"**	**15,000**	<20	<50	<25	<25	<20	<50	**250**	<50	<20	<50	<50	<50	<50	<20	<20	<40	<25	<20	<20	<50	<100	<25

SWPZ-6 Screened Interval: 26.5 to 31.5 feet bgs

Sampling Date	GRO	DRO	VOCs																															
			Chloro-ethane	Chloro-methane	Chloro-benzene	Bromo-methane	Dichloro-difluoro-methane	1,4-DCB	Vinyl Chloride	1,1-DCA	1,1-DCE	trans-1,2-DCE	cis-1,2-DCE	Chloroform	1,1,1-TCA	1,1,2-TCA	1,1,1,2-PCA	1,1,2,2-PCA	1,2-Dichloro-propane	TCE	PCE	Benzene	Toluene	Ethyl-benzene	Xylenes, total	MTBE	1,3,5-TMB	1,2,4-TMB	Total TMB	sec-Butyl-benzene	n-Butyl-benzene	p-Isopropyl-toluene	Styrene	Methylene Chloride	Naph-thalene
Units:	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
NR 140 ES	NS	NS	400	3	NS	10	1,000	75	0.2	850	7	100	70	6	200	5	70	0.2	5	5	5	5	1,000	700	10,000	60	NS	NS	480	NS	NS	NS	100	5	100
NR 140 PAL	NS	NS	80	0.3	NS	1	200	15	0.02	85	0.7	20	7	0.6	40	0.5	7	0.02	0.5	0.5	0.5	0.5	200	140	1,000	12	NS	NS	96	NS	NS	NS	10	0.5	10
	Engineered remediation activities (soil mixing with potassium permanganate, slurry wall installation, and site grading) completed in Former Test Track area May, June, and July 2004. Piezometer SWPZ-6 installed June 21, 2004.																																	
8/3/2004	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**490**	<0.50	***1.4 "J"***	9.9	**1,500**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**12**	<0.50	***0.58 "J"***	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
2/1/2005	NA	NA	<1.0	<0.20	<0.20	<0.20	<0.50	<0.20	**12**	<0.50	<0.50	0.79 "J"	**120**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	***0.90***	<0.50	<0.20	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
9/15/2005	NA	NA	4.6	<0.20	<0.20	<0.20	<0.50	<0.20	**750**	2.3	***3.4***	***26***	**1,700**	0.23"J"	<0.50	<0.25	<0.25	<0.20	<0.50	***1.4***	<0.50	***1.3***	0.25 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	***1.9 "J"***	<0.25
3/7/2006	NA	NA	<25	<5.0	<5.0	<5.0	<12	<5.0	**550**	***92***	<12	***27 "J"***	**2,800**	<5.0	<12	<6.0	<6.0	<5.0	<12	<5.0	<12	<5.0	<5.0	<12	<12	<12	<5.0	<5.0	<10.0	<6.2	<5.0	<5.0	<5.0	<25	<6.2
10/17/2006	NA	NA	3.4	<0.20	<0.20	<0.20	<0.50	<0.20	**760**	***160 "J"***	***4.5***	***38***	**3,800**	<0.20	<0.50	<0.25	<0.25	<0.20	<0.50	**36**	<0.50	***1.5***	0.41 "J"	<0.50	<0.50	<0.50	<0.20	<0.20	<0.40	<0.25	<0.20	<0.20	<0.20	<1.0	<0.25
4/3/2007	NA	NA	<50	<10	<10	<10	<25	<10	**630**	***140***	<25	<25	**3,200**	<10	<25	<12	<12	<10	<25	**31 "J"**	<25	<10	<10	<25	<25	<25	<10	<10	<20	<12	<10	<10	<10	<50	<12
4/07 Dup #2	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	590	140	<20	23 "J"	3,100	<8.0	<20	<10	<10	<8.0	<20	32	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
11/8/2007	NA	NA	<40	<8.0	<8.0	<8.0	<20	<8.0	**660**	***150***	<20	***39 "J"***	**4,100**	<8.0	<20	<10	<10	<8.0	<20	**38**	<20	<8.0	<8.0	<20	<20	<20	<8.0	<8.0	<16.0	<10	<8.0	<8.0	<8.0	<40	<10
6/4/2008	NA	NA	<50	<15	<10	<25	<25	<25	**840**	***220***	<25	***60 "J"***	**5,900**	<10	<25	<12	<12	<10	<25	**30 "J"**	<25	<10	<25	<25	<25	<25	<10	<10	<20	<12	<10	<10	<25	<50	<12

10/17/06: 1,2-dichloroethane = 1.5 "J" µg/L reported in groundwater sample, which is above the NR 140 PAL of 0.5 µg/L. However, this compound has not been detected during other sampling events.

Notes:

1. Groundwater samples collected up to September 1998 were collected by previous environmental consultants. Groundwater samples beginning in December 2000 collected by Sigma Environmental Services, Inc.
2. Where available, method detection limits listed for non-detectable results from previous consultants' sampling events. If method detection limit not known, non-detectable concentrations listed as "ND."
3. NR 140 ES = Wis. Adm. Code Chapter NR 140 Enforcement Standard
4. NR 140 PAL = Wis. Adm. Code Chapter NR 140 Preventive Action Limit
5. Abbreviations: ug/l = micrograms per liter (equivalent to parts per billion, ppb)

NS = No Standard	1,1-DCE = 1,1-dichloroethene	1,1,1,2-PCA = 1,1,1,2-tetrachloroethane
NSC = No Sample Collected (12/6/00 due to snow cover)	trans-1,2-DCE = trans-1,2-Dichloroethene	TCE = trichloroethene
GRO = Gasoline Range Organics	cis-1,2-DCE = cis-1,2-Dichloroethene	PCE = tetrachloroethene
DRO = Diesel Range Organics	1,1,1-TCA = 1,1,1-trichloroethane	MTBE = methyl-tert-butyl-ether
1,4-DCB = 1,4-dichlorobenzene	1,1,2-TCE = 1,1,2-trichloroethene	1,3,5-TMB = 1,3,5-trimethylbenzene
1,1-DCA = 1,1-dichloroethane	1,1,1,1-PCA = 1,1,1,1-tetrachloroethane	1,2,4-TMB = 1,2,4-trimethylbenzene

6. Laboratory notation:
   - "J" = Analyte detected between Limit of Detection and Limit of Quantitation
   - "B" = Analyte was detected in the associated Method Blank
   - "L" = Common laboratory solvent and contaminant
   - "E" = Concentration exceeds the calibration range and therefore result is semi-quantitative
   - "A" = Instrument carryover
7. Exceedances: **bold, box** = Concentration above NR 140 ES
   bold, italics = Concentration above NR 140 PAL
8. Equipment blank for 7/18/01 sampling event contained chlorobenzene (0.27 µg/l), methylene chloride (0.80 "L" µg/l), and toluene (0.14 µg/l). Trip blank for 7/18/01 also contained methylene chloride (1.8 "L" µg/l).
9. Trip blank for the April 2003 sampling event contained methylene chloride (1.1 "L" µg/l), so detectable methylene chloride concentrations in wells MW-5 (1.7 "L" µg/l) and MW-8 (1.1 "L" µg/l) should be considered suspect. Equipment blank not collected because new disposable bailers were used at each well location.
10. Equipment blank for 4/6-7/04 sampling event contained benzene (0.37 "J"); all VOC reported below lab detection limits for trip blank.
11. All VOCs reported below laboratory detection limits for 8/2/04 and 8/4/04 trip blanks; equipment blank samples not used because new disposable bailers used to sample each well.
12. All VOCs reported below laboratory detection limits for 2/1/05 trip blank; equipment blank samples not used because new disposable bailers used to sample each well.
13. All VOCs reported below laboratory detection limits for 9/14/05 and 9/15/05 trip blanks; equipment blank samples not used because new disposable bailers used to sample each well.
14. All VOCs reported below laboratory detection limits for 3/7/06, 3/8/06, and 3/9/06 trip blanks (except for methylene chloride [1.2 "L,J" µg/L] in 3/9/06 trip blank); equipment blank samples not used because new disposable bailers used to sample each well.
15. All VOCs reported below the laboratory detection limits for the 10/16/06 and 10/17/06 trip blanks (except for naphthalene [0.29 "J" µg/L] and toluene [0.48 "J" µg/L] in 10/16/06 trip blank and toluene [0.37 "J" µg/L] in 10/17/06 trip blank); equipment blank samples not used because new disposable bailers used to sample each well.
16. All VOCs reported below the laboratory detection limits for the 4/2/07, 4/3/07, and 4/4/07 trip blanks (except for methylene chloride [4.7 "L" µg/L in 4/2/07 trip blank and cis-1,2-DCE [2.7 "A" µg/L] in the 4/3/07 trip blank); equipment blank samples not used because new disposable bailers used to sample each well.
17. All VOCs reported below the laboratory detection limits for the 11/6/07 and 11/8/07 trip blanks and 11/6/07, 11/7/07, and 11/8/07 equipment blank samples.
18. All VOCs reported below the laboratory detection limits for the 6/2/08, 6/3/08, 6/4/08, and 6/5/08 trip blanks (except naphthalene [0.26 "J" µg/L], 1,2,3-trichlorobenzene [0.27 "J" µg/L] and 1,2,4-trichlorobenzene [0.38 "J" µg/L] in 6/2/08 trip blank) and 6/2/08, 6/3/08, 6/4/08, and 6/5/08 equipment blank samples (except toluene [1.3 "J" µg/L] in 6/3/08 equipment blank, toluene [1.1 "J" µg/L] in 6/4/08 equipment blank, and toluene [0.59 "J" µg/L] in 6/5/08 equipment blank).
19. All VOCs reported below the laboratory detection limits for the 6/17/09 trip blank and 6/17/09 equipment blank samples.

Table 3
Metals Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

TR-MW-1	Screened Interval: 15.3 to 25.3 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	NA	NA	NA	NA	NA	NA
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	NA	NA	NA	NA	NA	NA
02/01/2005	NA	NA	NA	NA	NA	NA
09/14/2005	NA	NA	NA	NA	NA	NA
03/07/2006	NA	NA	NA	NA	NA	NA
10/16/2006	***1.0 "J"***	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/02/2008	NA	NA	NA	NA	NA	NA

MW-1	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	***780***	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	<0.79	***590***	NA	<2.5	<2.5	<2.1
02/01/2005	<0.79	***450***	NA	<2.5	<2.5	<2.1
09/14/2005	<0.79	***510***	4.4 "J"	4.4 "J"	<2.5	<2.1
03/07/2006	<0.79	***580***	13	13	<2.5	<2.1
10/17/2006	NA	***550***	NA	NA	NA	NA
04/04/2007	NA	***520***	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/04/2008	NA	NA	NA	NA	NA	NA

MW-5/MW-5R	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	120	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***4.0***	170	NA	<2.5	<2.5	<2.1
02/02/2005	***2.8 "J"***	180	NA	<2.5	<2.5	<2.1
09/15/2005	***5.0***	230	20	20	<2.5	<2.1
03/08/2006	***1.3 "J'***	200	5.9 "J"	5.9 "J"	<2.5	<2.1
10/18/2006	***8.4***	NA	NA	NA	NA	NA
04/04/2007	***2.8 "J"***	NA	NA	NA	NA	NA
11/08/2007	***9.8***	NA	NA	NA	NA	NA
06/03/2008	***8.6***	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
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MW-6	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***1.2 "J"***	330	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***7.5***	340	NA	<2.5	<2.5	<2.1
02/01/2005	***1.2 "J"***	***450***	NA	<2.5	<2.5	<2.1
09/14/2005	**16**	350	11	11	<2.5	<2.1
03/07/2006	***3.3***	370	9.6	9.6	<2.5	<2.1
10/17/2006	**15**	NA	NA	NA	NA	NA
04/03/2007	***7.2***	NA	NA	NA	NA	NA
11/07/2007	**15**	NA	NA	NA	NA	NA
06/04/2008	**17**	NA	NA	NA	NA	NA

MW-7R	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	87	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	<0.79	94	NA	<2.5	<2.5	<2.1
01/31/2005	***1.7 "J"***	91	NA	2.7 "J"	<2.5	2.7 "J"
09/13/2005	<0.79	100	75 "B"	75	<2.5	<2.1
03/08/2006	0.82 "J"	82	16	16	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/08/2007	NA	NA	NA	NA	NA	NA
06/05/2008	NA	NA	NA	NA	NA	NA

MW-8	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	120	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	<0.79	140	NA	<2.5	<2.5	<2.1
01/31/2005	<0.79	250	NA	<2.5	<2.5	<2.1
09/13/2005	<0.79	150	5.4 "J","B"	5.4 "J"	<2.5	<2.1
03/08/2006	<0.79	110	<2.1	<2.5	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/08/2007	NA	NA	NA	NA	NA	NA
06/05/2008	NA	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
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MW-9R	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	***460***	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	<0.79	300	NA	<2.5	<2.5	<2.1
01/31/2005	<0.79	340	NA	<2.5	<2.5	<2.1
09/14/2005	<0.79	130	11	11	<2.5	<2.1
03/07/2006	<0.79	210	13	13	<2.5	<2.1
10/17/2006	NA	NA	NA	NA	NA	NA
04/04/2007	NA	NA	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

MW-10	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	180	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	<0.79	110	NA	<2.5	<2.5	<2.1
01/31/2005	<0.79	140	NA	<2.5	<2.5	<2.1
09/13/2005	<0.79	200	47	47	<2.5	<2.1
03/09/2006	<0.79	170	21 "B"	21	<2.5	<2.1
10/16/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/12/2007	NA	NA	NA	NA	NA	NA
06/02/2008	NA	NA	NA	NA	NA	NA

MW-11	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	***550***	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	<0.79	***420***	NA	<2.5	<2.5	<2.1
01/31/2005	<0.79	240	NA	<2.5	<2.5	<2.1
09/13/2005	<0.79	***960***	17	17	<2.5	<2.1
03/09/2006	<0.79	***620***	<2.1	<2.5	<2.5	<2.1
10/16/2006	NA	***630***	NA	NA	NA	NA
04/02/2007	NA	***1,400***	NA	NA	NA	NA
11/12/2007	NA	140	NA	NA	NA	NA
06/02/2008	NA	***1,400***	NA	NA	NA	NA

Table 3
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MW-12	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	190	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/05/2004	<0.79	230	NA	<2.5	<2.5	<2.1
02/02/2005	<0.79	270	NA	<2.5	<2.5	<2.1
09/13/2005	<0.79	320	51	51	<2.5	<2.1
03/08/2006	<0.79	280	2.3 "J"	<2.5	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/03/2007	NA	NA	NA	NA	NA	NA
11/12/2007	NA	NA	NA	NA	NA	NA
06/05/2008	NA	NA	NA	NA	NA	NA

MW-14	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	98	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	<0.79	150	NA	<2.5	<2.5	<2.1
02/02/2005	<0.79	100	NA	<2.5	<2.5	<2.1
09/15/2005	***2.5 "J"***	120	<2.1	<2.5	<2.5	<2.1
03/08/2006	0.91 "J"	74	<2.1	<2.5	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/08/2007	NA	NA	NA	NA	NA	NA
06/05/2008	NA	NA	NA	NA	NA	NA

MW-15	Screened Interval: 5 to 20 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	52	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	<0.79	84	NA	<2.5	<2.5	<2.1
02/02/2005	<0.79	240	NA	<2.5	<2.5	<2.1
09/15/2005	***2.5 "J"***	170	2.1 "J"	<2.5	<2.5	<2.1
03/08/2006	<0.79	140	<2.1	<2.5	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/08/2007	NA	NA	NA	NA	NA	NA
06/05/2008	NA	NA	NA	NA	NA	NA

Table 3
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PZ-1	Screened Interval: 25 to 30 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	16	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
Refer to data from replacement piezometer PZ-1/2R						

PZ-2	Screened Interval: 35 to 40 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	80	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
Refer to data from replacement piezometer PZ-1/2R						

PZ-1/2R	Screened Interval: 60 to 65 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	Refer to data from piezometers PZ-1 and PZ-2					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	**12**	39	NA	<2.5	<2.5	<2.1
02/02/2005	***9.9***	51	NA	<2.5	<2.5	<2.1
09/15/2005	***7.7***	44	<2.1	<2.5	<2.5	<2.1
03/08/2006	***7.1***	47	2.1 "J"	<2.5	<2.5	<2.1
10/18/2006	***6.0***	NA	NA	NA	NA	NA
04/04/2007	***7.7***	NA	NA	NA	NA	NA
11/08/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

PZ-4	Screened Interval: 30 to 35 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	0.96 "J"	44	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	0.79 "J"	52	NA	<2.5	<2.5	<2.1
01/31/2005	***1.8 "J"***	37	NA	<2.5	<2.5	<2.1
09/14/2005	***3.5***	74	<2.1	<2.5	<2.5	<2.1
03/07/2006	***3.3***	61	<2.1	<2.5	<2.5	<2.1
10/17/2006	***1.9 "J"***	NA	NA	NA	NA	NA
04/04/2007	***2.8 "J"***	NA	NA	NA	NA	NA
11/06/2007	<1.0	NA	NA	NA	NA	NA
06/03/2008	***2.3***	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
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PZ-5R	Screened Interval: 30 to 35 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	NA	NA	NA	NA	NA	NA
01/31/2005	NA	NA	NA	NA	NA	NA
09/13/2005	***1.7 "J"***	140	<2.1 "B"	<2.5	<2.5	<2.1
03/09/2006	<0.79	160	<2.1	<2.5	<2.5	<2.1
10/16/2006	NA	NA	NA	NA	NA	NA
04/02/2007	NA	NA	NA	NA	NA	NA
11/12/2007	NA	NA	NA	NA	NA	NA
06/02/2008	NA	NA	NA	NA	NA	NA

PZ-6	Screened Interval: 30 to 35 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***1.8 "J"***	100	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***2.0 "J"***	77	NA	<2.5	<2.5	<2.1
01/31/2005	***3.0***	50	NA	<2.5	<2.5	<2.1
09/13/2005	***1.9 "J"***	52	3.9 "J,B"	3.9 "J"	<2.5	<2.1
03/08/2006	***2.5 "J"***	56	3.8 "J"	3.8 "J"	<2.5	<2.1
10/18/2006	***2.9 "J"***	NA	NA	NA	NA	NA
04/02/2007	***4.7***	NA	NA	NA	NA	NA
11/08/2007	***2.8 "J"***	NA	NA	NA	NA	NA
06/05/2008	***8.1***	NA	NA	NA	NA	NA

PZ-7	Screened Interval: 30 to 35 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	<0.79	19	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	<0.79	46	NA	<2.5	<2.5	<2.1
01/31/2005	***1.9 "J"***	29	NA	<2.5	<2.5	<2.1
09/13/2005	<0.79	26	75	75	<2.5	<2.1
03/09/2006	***1.7 "J"***	17	4.9 "J,B"	4.9 "J"	<2.5	<2.1
10/16/2006	***2.4 "J"***	NA	NA	NA	NA	NA
04/02/2007	***1.5 "J"***	NA	NA	NA	NA	NA
11/12/2007	NA	NA	NA	NA	NA	NA
06/02/2008	0.70	NA	NA	NA	NA	NA

Table 3
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PZ-11	Screened Interval: 28.5 to 33.5 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***6.4***	120	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***3.7***	150	NA	<2.5	<2.5	<2.1
02/01/2005	0.85 "J"	41	NA	<2.5	<2.5	<2.1
09/14/2005	***4.6***	150	<2.1	<2.5	<2.5	<2.1
03/07/2006	***3.3***	170	<2.1	<2.5	<2.5	<2.1
10/17/2006	***2.7 "J"***	NA	NA	NA	NA	NA
04/03/2007	***2.8 "J"***	NA	NA	NA	NA	NA
11/07/2007	NA	NA	NA	NA	NA	NA
06/04/2008	NA	NA	NA	NA	NA	NA

PZ-12	Screened Interval: 29 to 34 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***8.1***	120	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	***7.9***	130	NA	<2.5	<2.5	<2.1
02/01/2005	***8.3***	160	NA	<2.5	<2.5	<2.1
09/14/2005	***7.0***	230	<2.1	<2.5	<2.5	<2.1
03/07/2006	***6.0***	280	<2.1	<2.5	<2.5	<2.1
10/17/2006	***8.2***	NA	NA	NA	NA	NA
04/04/2007	***6.4***	NA	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/04/2008	NA	NA	NA	NA	NA	NA

PZ-13	Screened Interval: 30.5 to 35.5 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***1.4 "J"***	110	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***4.2***	170	NA	<2.5	<2.5	<2.1
01/31/2005	***1.1 "J"***	170	NA	<2.5	<2.5	<2.1
09/14/2005	<0.79	260	27	27	<2.5	<2.1
03/07/2006	***3.9***	240	2.2 "J"	<2.5	<2.5	<2.1
10/16/2006	***2.4 "J"***	NA	NA	NA	NA	NA
04/04/2007	<1.0	NA	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

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PZ-17	Screened Interval: 30 to 35 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
04/28/2004	***3.6***	80	NA	<2.5	<2.5	<2.1
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/02/2004	***2.7 "J"***	73	NA	<2.5	<2.5	<2.1
01/31/2005	***4.6***	92	NA	<2.5	<2.5	<2.1
09/13/2005	***3.7***	91	<2.1	<2.5	<2.5	<2.1
03/07/2006	***2.9***	94	<2.1	<2.5	<2.5	<2.1
10/16/2006	***4.5***	NA	NA	NA	NA	NA
04/03/2007	***2.6 "J"***	NA	NA	NA	NA	NA
11/06/2007	NA	NA	NA	NA	NA	NA
06/02/2008	NA	NA	NA	NA	NA	NA

SWMW-1	Screened Interval: 3 to 18 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***4.5***	54	NA	<2.5	<2.5	<2.1
02/02/2005	***2.7 "J"***	110	NA	<2.5	<2.5	<2.1
09/14/2005	<0.79	***440***	9.2	9.2	<2.5	<2.1
03/08/2006	0.89 "J"	30	3.7 "J"	3.7 "J"	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/04/2007	NA	NA	NA	NA	NA	NA
11/07/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

SWMW-2	Screened Interval: 2.8 to 17.8 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***1.5 "J"***	93	NA	<2.5	<2.5	<2.1
02/02/2005	***2.6 "J"***	95	NA	<2.5	<2.5	<2.1
09/14/2005	<0.79	96	20	20	<2.5	<2.1
03/08/2006	<0.79	55	11	11	<2.5	<2.1
10/18/2006	NA	NA	NA	NA	NA	NA
04/04/2007	NA	NA	NA	NA	NA	NA
11/07/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

SWMW-3	Screened Interval: 3 to 18 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	<0.79	***400***	NA	<2.5	<2.5	<2.1
02/01/2005	<0.79	190	NA	<2.5	<2.5	<2.1
09/14/2005	***4.8***	87	<2.1	<2.5	<2.5	<2.1
03/07/2006	***6.2***	140	2.7 "J"	2.7 "J"	<2.5	<2.1
10/17/2006	***9.9***	NA	NA	NA	NA	NA
04/03/2007	<1.0	NA	NA	NA	NA	NA
11/08/2007	***2.2***	NA	NA	NA	NA	NA
06/04/2008	***6.4***	NA	NA	NA	NA	NA

SWMW-4	Screened Interval: 3 to 18 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	**11**	***480***	NA	<2.5	<2.5	<2.1
02/01/2005	***8.0***	170	NA	<2.5	<2.5	<2.1
09/14/2005	***5.4***	140	2.2 "J"	<2.5	<2.5	<2.1
03/07/2006	***3.3***	260	13	13	<2.5	<2.1
10/17/2006	**18**	NA	NA	NA	NA	NA
04/03/2007	***2.5 "J"***	NA	NA	NA	NA	NA
11/07/2007	***9.6***	NA	NA	NA	NA	NA
06/04/2008	***4.4***	NA	NA	NA	NA	NA

SWMW-5	Screened Interval: 3 to 18 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	<0.79	120	NA	<2.5	<2.5	<2.1
02/01/2005	***1.7 "J"***	140	NA	<2.5	<2.5	<2.1
09/15/2005	***5.4***	260	10	10	<2.5	<2.1
03/07/2006	***1.8 "J"***	250	11	11	<2.5	<2.1
10/17/2006	***1.7 "J"***	NA	NA	NA	NA	NA
04/03/2007	<1.0	NA	NA	NA	NA	NA
11/08/2007	<1.0	NA	NA	NA	NA	NA
06/04/2008	0.43	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
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SWMW-6	Screened Interval: 3 to 18 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	<0.79	***530***	NA	<2.5	<2.5	<2.1
02/01/2005	<0.79	***540***	NA	<2.5	<2.5	<2.1
09/15/2005	<0.79	***620***	67	67	<2.5	2.8 "J"
03/07/2006	<0.79	***470***	23	23	<2.5	5.4 "J"
10/18/2006	NA	***580***	39 "B"	11	11.1	2.4 "J"
04/03/2007	NA	***680***	59	11	<2.5	***11***
11/08/2007	NA	***520***	33	<2.5	<2.5	4.4 "J"
06/04/2008	NA	***420***	22	22	<2.5	2.8 "J"

SWPZ-1	Screened Interval: 29 to 34 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***4.0***	50	NA	<2.5	<2.5	<2.1
02/02/2005	<0.79	100	NA	<2.5	<2.5	<2.1
09/14/2005	***3.8***	170	<2.1	<2.5	<2.5	<2.1
03/08/2006	***2.2 "J"***	28	9.7	9.7	<2.5	<2.1
10/18/2006	***4.0***	NA	NA	NA	NA	NA
04/04/2007	***5.6***	NA	NA	NA	NA	NA
11/07/2007	***2.7 "J"***	NA	NA	NA	NA	NA
06/03/2008	***7.4***	NA	NA	NA	NA	NA

SWPZ-2	Screened Interval: 29 to 34 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/04/2004	***4.3***	91	NA	<2.5	<2.5	<2.1
02/02/2005	***4.7***	53	NA	<2.5	<2.5	<2.1
09/14/2005	***4.3***	67	5.3 "J"	5.3 "J"	<2.5	<2.1
03/08/2006	***4.3***	***700***	5.8 "J"	5.8 "J"	<2.5	5.0 "J"
10/18/2006	***4.6***	67	<2.1	2.6 "J"	2.6	<2.1
04/04/2007	***4.1***	68	<2.1	<2.5	<2.5	<2.1
11/07/2007	NA	NA	NA	NA	NA	NA
06/03/2008	NA	NA	NA	NA	NA	NA

Table 3
Metals Groundwater Quality Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
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SWPZ-4	Screened Interval: 26 to 31 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***1.2 "J"***	170	NA	<2.5	<2.5	<2.1
02/01/2005	***1.9 "J"***	180	NA	<2.5	<2.5	<2.1
09/14/2005	***5.0***	150	6.4 "J"	6.4 "J"	<2.5	<2.1
03/07/2006	***3.5***	170	9.9	9.9	<2.5	<2.1
10/17/2006	***2.6 "J"***	NA	NA	NA	NA	NA
04/03/2007	***3.7***	NA	NA	NA	NA	NA
11/07/2007	NA	NA	NA	NA	NA	NA
06/04/2008	NA	NA	NA	NA	NA	NA

SWPZ-5	Screened Interval: 26 to 31 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***3.3***	77	NA	<2.5	<2.5	<2.1
02/01/2005	***2.1 "J"***	48	NA	<2.5	<2.5	<2.1
09/15/2005	***4.3***	210	12	12	<2.5	<2.1
03/07/2006	<0.79	9.6	3.0 "J"	3.0 "J"	<2.5	2.9 "J"
10/18/2006	***1.3 "J"***	NA	15 "B"	<2.5	2.2	<2.1
04/03/2007	***1.9 "J"***	280	<2.1	<2.5	<2.5	2.9 "J"
11/08/2007	NA	NA	2.4 "J"	<2.5	<2.5	<2.1
06/04/2008	NA	NA	<2.1	<2.5	<2.5	<2.1

SWPZ-6	Screened Interval: 26.5 to 31.5 feet bgs					
Sampling Date Units:	Dissolved Arsenic µg/l	Dissolved Barium µg/l	Unfiltered Chromium (Total) µg/l	Unfiltered Chromium $^{+3}$ µg/l	Dissolved Chromium $^{+6}$ µg/l	Dissolved Chromium (Total) µg/l
NR 140 ES	10	2,000	NS	NS	NS	100
NR 140 PAL	1	400	NS	NS	NS	10
	No pre-remediation data available					
	Engineered remediation activities completed in FTT in May, June, and July 2004					
08/03/2004	***5.6***	80	NA	<2.5	<2.5	<2.1
02/01/2005	<0.79	***580***	NA	<2.5	<2.56	<2.1
09/15/2005	***6.1***	320	2.2 "J"	<2.5	<2.5	<2.1
03/07/2006	***5.4***	280	<2.1	<2.5	<2.5	<2.1
10/17/2006	***4.6***	NA	NA	NA	NA	NA
04/03/2007	**10**	NA	NA	NA	NA	NA
11/08/2007	***2.5 "J"***	NA	NA	NA	NA	NA
06/04/2008	***6.1***	NA	NA	NA	NA	NA

Notes:
1. April 2004 sampling event represents pre-remediation groundwater quality conditions
2. ug/l = micrograms per liter (equivalent to parts per billion, ppb)
3. NR 140 ES = Wis. Adm. Code Chapter NR 140 Enforcement Standard
4. NR 140 PAL = Wis. Adm. Code Chapter NR 140 Preventive Action Limit
5. "J" = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ
6. "B" = Analyte was detected in the associated Method Blank.
7. Exceedances: **bold, box** = Concentration above NR 140 ES
   bold, italics = Concentration above NR 140 PAL

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
TR-MW-1	738.73	739.1	24.8	11.47	11.79	727.26	03/24/1998
			[15.3 to 25.3 feet bgs]	12.28	12.60	726.45	04/26/2002
				12.55	12.87	726.18	04/28/2003
				15.05	15.37	723.68	04/06/2004
				15.30	15.62	723.43	08/04/2004
				15.55	15.87	723.18	02/02/2005
				13.37	13.69	725.36	09/12/2005
			25.05	11.80	12.12	726.93	03/09/2006
			25.00	11.78	12.10	726.95	10/16/2006
			25.00	10.48	10.80	728.25	04/02/2007
			25.00	11.78	12.10	726.95	11/06/2007
			25.00	11.04	11.36	727.69	06/02/2008
			---	NM	---	---	07/02/2009
MW-1	736.59		19.4	6.41	6.82	730.18	03/17/1998
			[5 to 20 feet bgs]	7.29	7.70	729.30	06/16/1998
				7.69	8.10	728.90	09/15/1998
				7.91	8.32	728.68	12/07/1998
				7.26	7.67	729.33	12/06/2000
	736.62	737.0		7.59	7.97	729.03	07/17/2001
				6.01	6.39	730.61	03/12/2002
				6.00	6.38	730.62	04/28/2003
				7.84	8.22	728.78	04/06/2004
				9.46	9.84	727.16	08/02/2004
				9.29	9.67	727.33	02/01/2005
				7.55	7.93	729.07	09/14/2005
			19.55	6.14	6.52	730.48	03/07/2006
	736.35		19.25	4.74	5.39	731.61	10/17/2006
			19.25	4.32	4.97	732.03	04/04/2007
			19.25	4.84	5.49	731.51	11/06/2007
			19.25	4.16	4.81	732.19	06/04/2008
			---	NM	---	---	07/02/2009
MW-3	735.92		18.7	3.11	3.55	732.81	12/07/1998
			[5 to 20 feet bgs]	2.90	3.34	733.02	12/06/2000
	735.91	736.4		2.71	3.16	733.20	07/17/2001
				2.70	3.15	733.21	03/12/2002
				3.00	3.45	732.91	04/28/2003
				2.72	3.17	733.19	04/06/2004
				2.95	3.40	732.96	08/02/2004
				2.95	3.40	732.96	01/31/2005
				3.10	3.55	732.81	09/14/2005
			18.95	2.91	3.36	733.00	03/09/2006
			18.85	2.56	3.01	733.35	10/16/2006
			18.85	2.01	2.46	733.90	04/04/2007
			18.85	2.73	3.18	733.18	11/06/2007
			18.85	2.61	3.06	733.30	06/03/2008
			---	NM	---	---	07/02/2009
MW-4	736.91		19.2	4.09	4.37	732.82	12/07/1998
			[5 to 20 feet bgs]	3.87	4.15	733.04	12/06/2000
		737.2		3.83	4.11	733.08	07/17/2001
				3.76	4.04	733.15	03/12/2002
				3.98	4.26	732.93	04/28/2003
				3.68	3.96	733.23	04/06/2004
				3.93	4.21	732.98	08/02/2004
				3.95	4.23	732.96	01/31/2005
				4.06	4.34	732.85	09/14/2005
			19.20	3.86	4.14	733.05	03/07/2006
			19.25	3.54	3.82	733.37	10/16/2006
			19.25	2.98	3.26	733.93	04/04/2007
			19.25	3.71	3.99	733.20	11/06/2007
			19.25	3.59	3.87	733.32	06/03/2008
			---	NM	---	---	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
MW-5	739.27		19.5	2.34	2.75	736.93	03/17/1998
			[5 to 20 feet bgs]	3.83	4.24	735.44	06/16/1998
				4.03	4.44	735.24	09/15/1998
				3.70	4.11	735.57	12/07/1998
				2.81	3.22	736.46	12/06/2000
	739.26	739.7		4.28	4.70	734.98	07/17/2001
				3.35	3.77	735.91	03/12/2002
				3.77	4.19	735.49	04/28/2003
				3.52	3.94	735.74	04/06/2004
MW-5R	744.57	742.2	22.7	13.21	10.83	731.36	08/02/2004
			[4 to 19 feet bgs]	14.47	12.09	730.10	02/02/2005
				12.78	10.40	731.79	09/15/2005
			22.15	11.35	8.97	733.22	03/08/2006
			22.00	10.30	7.92	734.27	10/18/2006
			22.00	8.62	6.24	735.95	04/04/2007
			22.00	11.10	8.72	733.47	11/08/2007
			22.00	10.51	8.13	734.06	06/03/2008
			---	NM	---	---	07/02/2009
MW-6	736.49		19.5	4.64	5.14	731.85	03/17/1998
			[5 to 20 feet bgs]	5.17	5.67	731.32	06/16/1998
				5.38	5.88	731.11	09/15/1998
				5.54	6.04	730.95	12/07/1998
				5.67	6.17	730.82	12/06/2000
				6.00	6.50	730.49	07/17/2001
				covered by dumpster	---	---	03/12/2002
	736.86	737.0		6.12	6.25	730.74	04/28/2003
				7.52	7.65	729.34	04/06/2004
				7.30	7.43	729.56	08/02/2004
				7.22	7.35	729.64	02/01/2005
			10.8 - obstruction	5.79	5.92	731.07	09/14/2005
			10.80	4.75	4.88	732.11	03/07/2006
			11.80	4.48	4.61	732.38	10/17/2006
			11.80	4.60	4.73	732.26	04/03/2007
			11.80	4.51	4.64	732.35	11/07/2007
			11.80	3.80	3.93	733.06	06/04/2008
			---	NM	---	---	07/02/2009
MW-7R	739.28		19.7	3.59	---	735.69	03/17/1998
			[5 to 20 feet bgs]	4.86	---	734.42	06/16/1998
				5.58	---	733.70	09/15/1998
				4.98	---	734.30	12/07/1998
				4.30	---	734.98	12/06/2000
	740.63	741.1		4.54	4.99	736.09	07/18/2001
				5.57	6.02	735.06	03/12/2002
				5.57	6.02	735.06	04/28/2003
				5.87	6.32	734.76	04/06/2004
				6.42	6.87	734.21	08/02/2004
				5.81	6.26	734.82	01/31/2005
				8.26	8.71	732.37	09/13/2005
			19.85	4.71	5.16	735.92	03/08/2006
			19.85	4.61	5.06	736.02	10/18/2006
			19.85	3.20	3.65	737.43	04/02/2007
			19.85	5.75	6.20	734.88	11/08/2007
			19.85	5.15	5.60	735.48	06/05/2008
			---	NM	---	---	07/02/2009
MW-8	739.57		19.7	4.91	5.85	734.66	12/07/1998
			[5 to 20 feet bgs]	3.51	4.45	736.06	12/06/2000
	739.57	740.5		5.97	6.91	733.60	07/18/2001
				2.60	3.54	736.97	03/12/2002
				4.37	5.31	735.20	04/28/2003
				2.16	3.10	737.41	04/06/2004
				5.93	6.87	733.64	08/02/2004
				5.31	6.25	734.26	01/31/2005
				8.10	9.04	731.47	09/13/2005
			19.70	4.05	4.99	735.52	03/08/2006
			19.75	3.60	4.54	735.97	10/18/2006
			19.75	2.25	3.19	737.32	04/02/2007
			19.75	5.53	6.47	734.04	11/08/2007
			19.75	4.78	5.72	734.79	06/05/2008
			---	NM	---	---	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
MW-9R	736.29		19.6	7.74	8.10	728.55	03/17/1998
			[5 to 20 feet bgs]	7.31	7.67	728.98	06/16/1998
				7.66	8.02	728.63	09/15/1998
				7.68	8.04	728.61	12/07/1998
				5.93	6.29	730.36	12/06/2000
		736.7		7.31	7.67	728.98	07/17/2001
				7.34	7.70	728.95	03/12/2002
				6.83	7.19	729.46	04/28/2003
				13.46	13.82	722.83	04/06/2004
				10.86	11.22	725.43	08/02/2004
				10.90	11.26	725.39	01/31/2005
				8.11	8.47	728.18	09/14/2005
			19.75	7.12	7.48	729.17	03/07/2006
			19.85	6.27	6.63	730.02	10/17/2006
			19.85	4.85	5.21	731.44	04/04/2007
			19.85	6.32	6.68	729.97	11/06/2007
			19.85	5.42	5.78	730.87	06/03/2008
			---	NM	---	---	07/02/2009
MW-10	740.08		17.8	6.44	6.86	733.64	12/07/1998
			[5 to 20 feet bgs]	5.93	6.35	734.15	12/06/2000
	740.10	740.5		6.99	7.39	733.11	07/16/2001
				5.10	5.50	735.00	03/12/2002
				6.05	6.45	734.05	04/28/2003
				5.19	5.59	734.91	04/06/2004
				7.14	7.54	732.96	08/02/2004
				6.87	7.27	733.23	01/31/2005
				8.07	8.47	732.03	09/13/2005
			18.00	6.53	6.93	733.57	03/09/2006
			18.05	5.82	6.22	734.28	10/16/2006
			18.05	4.20	4.60	735.90	04/02/2007
			18.05	6.78	7.18	733.32	11/12/2007
			18.05	6.33	6.73	733.77	06/02/2008
			---	NM	---	---	07/02/2009
MW-11	739.60		19.4	3.45	3.64	736.15	12/07/1998
			[5 to 20 feet bgs]	2.59	2.78	737.01	12/06/2000
	739.79			3.86	3.86	735.93	07/18/2001
	739.56	739.8		5.99	6.22	733.57	03/12/2002
				2.12	2.35	737.44	04/28/2003
				2.13	2.36	737.43	04/06/2004
	739.66	740.5	19.0	3.72	4.51	735.94	08/02/2004
			[5.7 to 20.7 feet bgs]	3.82	4.61	735.84	01/31/2005
				4.80	5.59	734.86	09/13/2005
			19.15	3.29	4.08	736.37	03/09/2006
			19.00	3.62	4.41	736.04	10/16/2006
			19.00	2.20	2.99	737.46	04/02/2007
			19.00	4.27	5.06	735.39	11/12/2007
			19.00	2.84	3.63	736.82	06/02/2008
			---	NM	---	---	07/02/2009
MW-12	739.35		18.9	3.89	5.05	735.46	12/07/1998
			[5 to 20 feet bgs]	3.13	4.29	736.22	12/06/2000
		740.5		4.35	5.51	735.00	07/17/2001
				3.58	4.74	735.77	03/12/2002
				3.35	4.51	736.00	04/28/2003
				2.81	3.97	736.54	04/06/2004
				3.90	5.06	735.45	08/02/2004
	740.20	740.65		6.23	6.68	733.97	02/02/2005
				6.08	6.53	734.12	09/13/2005
			19.90	4.43	4.88	735.77	03/08/2006
			20.00	4.24	4.69	735.96	10/18/2006
			20.00	2.45	2.90	737.75	04/03/2007
			20.00	4.98	5.43	735.22	11/12/2007
			20.00	3.55	4.00	736.65	06/05/2008
			---	NM	---	---	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
PMW-13	737.40		16.6	5.81	---	731.59	03/17/1998
			[13 to 18 feet bgs]	5.57	---	731.83	06/16/1998
				6.18	---	731.22	09/15/1998
				5.82	---	731.58	12/07/1998
				NM	---	---	12/06/2000
				6.54	---	730.86	07/18/2001
				1.18	---	736.22	03/12/2002
				could not locate	---	---	04/28/2003
				could not locate	---	---	04/06/2004
	737.41	738.7	16.8	5.45	6.70	731.96	08/02/2004
			[13 to 18 feet bgs]	7.30	8.55	730.11	01/31/2005
				7.97	9.22	729.44	09/15/2005
			16.45	7.95	9.20	729.46	03/09/2006
	738.16		17.50	6.41	6.91	731.00	10/17/2006
			17.50	1.95	2.45	736.21	04/04/2007
			17.50	6.89	7.39	731.27	11/07/2007
			17.50	6.17	6.67	731.99	06/03/2008
			---	NM	---	---	07/02/2009
MW-14	740.67		20.5	3.08	3.35	737.59	03/17/1998
			[5 to 20 feet bgs]	4.48	4.75	736.19	06/16/1998
				4.98	5.25	735.69	09/15/1998
				3.78	4.05	736.89	12/07/1998
				3.27	3.54	737.40	12/06/2000
	740.66	740.9		4.93	5.21	735.73	07/18/2001
				2.20	2.48	738.46	03/12/2002
				3.76	4.04	736.90	04/28/2003
				2.02	2.30	738.64	04/06/2004
	743.34	743.6	23.4	6.59	6.86	736.75	08/02/2004
			[7.7 to 22.7 feet bgs]	7.70	7.97	735.64	02/02/2005
				8.75	9.02	734.59	09/15/2005
			23.35	6.03	6.30	737.31	03/08/2006
	743.07		22.85	3.13	3.67	739.94	10/18/2006
			22.85	2.67	3.21	740.40	04/02/2007
			22.85	7.02	7.56	736.05	11/08/2007
			22.85	6.44	6.98	736.63	06/05/2008
			---	NM	---	---	07/02/2009
MW-15	739.88		20.4	4.10	4.80	735.78	03/17/1998
			[5 to 20 feet bgs]	7.08	7.78	732.80	06/16/1998
				8.14	8.84	731.74	09/15/1998
				5.75	6.45	734.13	12/07/1998
				4.40	5.10	735.48	12/06/2000
	739.95	740.6		8.40	9.03	731.55	07/18/2001
				4.33	4.96	735.62	03/12/2002
				4.90	5.53	735.05	04/28/2003
				3.49	4.12	736.46	04/06/2004
	744.06	744.3	24.6	13.18	13.46	730.88	08/02/2004
			[8.8 to 23.8 feet bgs]	15.80	16.08	728.26	02/02/2005
				13.60	13.88	730.46	09/15/2005
			24.60	9.30	9.58	734.76	03/08/2006
			24.60	5.64	5.92	738.42	10/18/2006
			24.60	4.18	4.46	739.88	04/02/2007
			24.60	10.91	11.19	733.15	11/08/2007
			24.60	9.01	9.29	735.05	06/05/2008
			---	NM	---	---	07/02/2009
MW-16	736.74		20.3	3.80	---	732.94	03/17/1998
			[5 to 20 feet bgs]	4.19	---	732.55	06/16/1998
				4.87	---	731.87	09/15/1998
				5.06	---	731.68	12/07/1998
				4.08	---	732.66	12/06/2000
				NM	---	---	07/17/2001
	MW-16 destroyed during concrete paving in west yard in late summer 2001.						03/12/2002
MW-17	734.79	735.1	19.2	10.05	10.38	724.74	03/12/2002
			[5 to 20 feet bgs]	9.63	9.96	725.16	04/28/2003
				8.15	8.48	726.64	04/06/2004
				11.05	11.38	723.74	08/02/2004
				10.30	10.63	724.49	01/31/2005
				12.65	12.98	722.14	09/13/2005
			19.40	11.26	11.59	723.53	03/09/2006
			19.40	9.79	10.12	725.00	10/16/2006
			19.40	7.07	7.40	727.72	04/02/2007
			19.40	10.90	11.23	723.89	11/06/2007
			19.40	8.94	9.27	725.85	06/02/2008
			---	NM	---	---	07/02/2009

Table 1
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Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
MW-18	736.13	736.5	19.7	14.99	15.39	721.14	03/12/2002
			[5 to 20 feet bgs]	15.94	16.34	720.19	04/28/2003
				17.82	18.22	718.31	04/06/2004
				17.91	18.31	718.22	08/02/2004
				18.87	19.27	717.26	01/31/2005
				16.50	16.90	719.63	09/13/2005
			19.85	15.84	16.24	720.29	03/09/2006
			19.85	15.53	15.93	720.60	10/16/2006
			19.85	14.84	15.24	721.29	04/02/2007
			19.85	15.67	16.07	720.46	11/06/2007
			19.85	15.31	15.71	720.82	06/02/2008
			---	NM	---	---	07/02/2009
MW-19	736.19	736.6	19.5	8.34	8.75	727.85	03/12/2002
			[5 to 20 feet bgs]	7.95	8.36	728.24	04/28/2003
				9.39	9.80	726.80	04/06/2004
				6.11	6.52	730.08	08/02/2004
				10.18	10.59	726.01	01/31/2005
				8.16	8.57	728.03	09/13/2005
			19.70	7.93	8.34	728.26	03/07/2006
			19.70	6.89	7.30	729.30	10/16/2006
			19.70	5.84	6.25	730.35	04/03/2007
			19.70	7.10	7.51	729.09	11/06/2007
			19.70	6.71	7.12	729.48	06/02/2008
			---	NM	---	---	07/02/2009
PZ-1	738.86		30.3	8.71	9.36	730.15	03/17/1998
			[25 to 30 feet bgs]	9.61	10.26	729.25	06/16/1998
				9.78	10.43	729.08	09/15/1998
				9.52	10.17	729.34	12/07/1998
				9.86	10.51	729.00	12/06/2000
	738.84	739.5		11.16	11.83	727.68	07/18/2001
				9.26	9.93	729.58	03/12/2002
				10.50	11.17	728.34	04/28/2003
				14.29	14.96	724.55	04/06/2004
PZ-2	739.27		40.3	8.80	9.21	730.47	03/17/1998
			[35 to 40 feet bgs]	10.34	10.75	728.93	06/16/1998
				10.51	10.92	728.76	09/15/1998
				9.79	10.20	729.48	12/07/1998
				10.25	10.66	729.02	12/06/2000
	739.25	739.7		11.98	12.41	727.27	07/18/2001
				11.40	11.83	727.85	03/12/2002
				11.05	11.48	728.20	04/28/2003
				15.68	16.11	723.57	04/06/2004
PZ-1/2R	744.39	742.3	38.2	21.09	19.02	723.30	08/02/2004
			[31 to 36 feet bgs]	19.71	17.64	724.68	02/02/2005
				17.31	15.24	727.08	09/15/2005
			38.20	14.84	12.77	729.55	03/08/2006
			38.15	14.16	12.09	730.23	10/18/2006
			38.15	12.71	10.64	731.68	04/04/2007
			38.15	14.47	12.40	729.92	11/08/2007
			38.15	13.86	11.79	730.53	06/03/2008
			---	13.20	11.13	731.19	07/02/2009
PZ-3	736.74		64.6	13.11	13.49	723.63	03/17/1998
			[60 to 65 feet bgs]	15.10	15.48	721.64	06/16/1998
				15.99	16.37	720.75	07/22/1998
				11.77	12.15	724.97	09/15/1998
				13.76	14.14	722.98	12/07/1998
			56.7	16.55	16.93	720.19	12/06/2000
		737.1	59.0	17.61	17.99	719.13	07/17/2001
			59.0	19.86	20.24	716.88	03/12/2002
			59.0	18.00	18.38	718.74	04/28/2003
			59.0	32.64	33.02	704.10	04/06/2004
	736.70	737.2	59.0	32.21	32.72	704.49	08/02/2004
			59.0	29.45	29.96	707.25	02/01/2005
			55.7	18.61	19.12	718.09	09/14/2005
			54.40	15.16	15.67	721.54	03/07/2006
			54.10	15.00	15.51	721.70	10/17/2006
			54.10	9.14	9.65	727.56	04/03/2007
			61.10	13.75	14.26	722.95	11/08/2007
			65.10	13.64	14.15	723.06	06/05/2008
			---	12.77	13.28	723.93	07/02/2009

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Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
PZ-4	736.30		35.1	7.35	7.70	728.95	03/17/1998
			[30 to 35 feet bgs]	8.25	8.60	728.05	06/16/1998
				8.38	8.73	727.92	09/15/1998
				8.20	8.55	728.10	12/07/1998
				8.60	8.95	727.70	12/06/2000
		736.7		9.66	10.01	726.64	07/17/2001
				9.57	9.92	726.73	03/12/2002
				9.27	9.62	727.03	04/28/2003
				10.14	10.49	726.16	04/06/2004
				14.55	14.90	721.75	08/02/2004
				13.61	13.96	722.69	01/31/2005
				10.68	11.03	725.62	09/14/2005
			35.25	8.80	9.15	727.50	03/07/2006
			35.20	8.09	8.44	728.21	10/17/2006
			35.20	6.84	7.19	729.46	04/04/2007
			35.20	8.27	8.62	728.03	11/06/2007
			35.20	7.64	7.99	728.66	06/03/2008
			---	7.17	7.52	729.13	07/02/2009
PZ-5	739.17			9.26	---	729.91	03/17/1998
				10.35	---	728.82	06/16/1998
PZ-5R	738.84	739.3	34.9	10.01	10.46	728.83	12/07/1998
			[30 to 35 feet bgs]	10.27	10.72	728.57	12/06/2000
				11.42	11.87	727.42	07/16/2001
				11.36	11.81	727.48	03/12/2002
				10.87	11.32	727.97	04/28/2003
				15.04	15.49	723.80	04/06/2004
				16.37	16.82	722.47	08/02/2004
				15.22	15.67	723.62	01/31/2005
				13.35	13.80	725.49	09/13/2005
			35.10	10.25	10.70	728.59	03/09/2006
			35.15	9.73	10.18	729.11	10/16/2006
			35.15	8.28	8.73	730.56	04/02/2007
			35.15	9.84	10.29	729.00	11/12/2007
			35.15	9.18	9.63	729.66	06/02/2008
	738.31		---	8.73	9.71	729.58	07/02/2009
PZ-6	740.46		34.9	9.89	10.49	730.57	03/17/1998
			[30 to 35 feet bgs]	10.98	11.58	729.48	06/16/1998
				11.15	11.75	729.31	09/15/1998
				10.91	11.51	729.55	12/07/1998
				11.23	11.83	729.23	12/06/2000
	740.49	741.1		11.91	12.48	728.58	07/18/2001
				11.15	11.72	729.34	03/12/2002
				11.90	12.47	728.59	04/28/2003
				16.29	16.86	724.20	04/06/2004
				17.45	18.02	723.04	08/02/2004
				31.35	31.92	709.14	01/31/2005
				13.06	13.63	727.43	09/13/2005
			35.00	10.97	11.54	729.52	03/08/2006
			34.85	10.32	10.89	730.17	10/18/2006
			34.85	9.05	9.62	731.44	04/02/2007
			34.85	10.56	11.13	729.93	11/08/2007
			34.85	9.90	10.47	730.59	06/05/2008
			---	9.37	9.94	731.12	07/02/2009
PZ-7	740.24		35.3	7.13	7.45	733.11	03/17/1998
			[30 to 35 feet bgs]	9.04	9.36	731.20	06/16/1998
				9.00	9.32	731.24	09/15/1998
				8.99	9.31	731.25	12/07/1998
				12.25	12.57	727.99	12/06/2000
	740.25	740.6		10.17	10.48	730.08	07/16/2001
				9.70	10.01	730.55	03/12/2002
				9.80	10.11	730.45	04/28/2003
				13.11	13.42	727.14	04/06/2004
				13.97	14.28	726.28	08/02/2004
				13.00	13.31	727.25	01/31/2005
				10.67	10.98	729.58	09/13/2005
			35.45	9.63	9.94	730.62	03/09/2006
			35.40	8.30	8.61	731.95	10/16/2006
			35.40	7.66	7.97	732.59	04/02/2007
			35.40	8.61	8.92	731.64	11/02/2007
			35.40	9.64	9.95	730.61	06/02/2008
	739.80		---	8.17	8.93	731.63	07/02/2009

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Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
PZ-8	736.40		35.2	7.30	8.01	729.10	03/17/1998
			[30 to 35 feet bgs]	8.11	8.82	728.29	06/16/1998
				8.23	8.94	728.17	09/15/1998
				8.13	8.84	728.27	12/07/1998
				8.45	9.16	727.95	12/06/2000
		737.1		9.55	10.26	726.85	07/17/2001
				9.54	10.25	726.86	03/12/2002
				9.12	9.83	727.28	04/28/2003
				13.38	14.09	723.02	04/06/2004
	736.34	737.2		12.37	13.22	723.97	08/02/2004
				11.19	12.04	725.15	02/01/2005
				8.56	9.41	727.78	09/14/2005
			35.25	6.60	7.45	729.74	03/07/2006
			35.30	5.60	6.45	730.74	10/17/2006
			35.30	4.73	5.58	731.61	04/03/2007
			35.30	6.01	6.86	730.33	11/08/2007
			35.30	5.47	6.32	730.87	06/04/2008
			---	5.05	5.90	731.29	07/02/2009
PZ-9	736.74		35.3	6.90	7.67	729.84	03/17/1998
			[30 to 35 feet bgs]	7.69	8.46	729.05	06/16/1998
				7.84	8.61	728.90	09/15/1998
				7.69	8.46	729.05	12/07/1998
				7.96	8.73	728.78	12/06/2000
	736.73	737.5		9.11	9.89	727.62	07/17/2001
				9.10	9.88	727.63	03/12/2002
				8.45	9.23	728.28	04/28/2003
				12.63	13.41	724.10	04/06/2004
				13.37	14.15	723.36	08/02/2004
				11.70	12.48	725.03	02/01/2005
				9.30	10.08	727.43	09/15/2005
			34.40	7.39	8.17	729.34	03/07/2006
			34.30	6.81	7.59	729.92	10/17/2006
			---	NM (rain)	---	---	04/03/2007
			34.30	6.94	7.72	729.79	11/08/2007
			34.30	6.20	6.98	730.53	06/05/2008
			---	5.75	6.53	730.98	07/02/2009
PZ-10	741.94	740.0	98.4	40.16	38.22	701.78	07/18/2001
			[91 to 96 feet bgs]	42.42	40.48	699.52	03/12/2002
				31.34	29.40	710.60	04/28/2003
				60.24	58.30	681.70	04/06/2004
	743.81	741.7	100.3	67.46	65.38	676.35	08/02/2004
			[92.7 to 97.7 feet bgs]	55.97	53.89	687.84	02/02/2005
				34.10	32.02	709.71	09/15/2005
			100.35	28.90	26.82	714.91	03/08/2006
			100.30	30.21	28.13	713.60	10/18/2006
			100.30	27.19	25.11	716.62	04/04/2007
			100.30	28.86	26.78	714.95	11/08/2007
			100.30	26.06	23.98	717.75	06/03/2008
			---	26.00	23.92	717.81	07/02/2009
PZ-11	736.67	737.1	33.6	9.83	10.23	726.84	07/17/2001
			[28.5 to 33.5 feet bgs]	9.60	10.00	727.07	03/12/2002
				9.41	9.81	727.26	04/28/2003
				13.63	14.03	723.04	04/06/2004
				14.70	15.10	721.97	08/02/2004
				13.81	14.21	722.86	02/01/2005
				10.73	11.13	725.94	09/14/2005
			33.70	8.89	9.29	727.78	03/07/2006
			33.70	8.30	8.70	728.37	10/17/2006
			33.70	7.03	7.43	729.64	04/03/2007
			33.70	8.45	8.85	728.22	11/07/2007
			33.70	7.89	8.29	728.78	06/04/2008
			---	7.34	7.74	729.33	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
PZ-12	736.86	737.2	33.7	10.27	10.63	726.59	07/17/2001
			[29 to 34 feet bgs]	10.13	10.49	726.73	03/12/2002
				9.82	10.18	727.04	04/28/2003
				14.07	14.43	722.79	04/06/2004
				15.36	15.72	721.50	08/02/2004
				14.20	14.56	722.66	02/01/2005
				11.03	11.39	725.83	09/14/2005
			33.50	9.35	9.71	727.51	03/07/2006
			33.50	8.76	9.12	728.10	10/17/2006
			33.50	7.53	7.89	729.33	04/04/2007
			33.50	8.89	9.25	727.97	11/06/2007
			33.50	8.12	8.48	728.74	06/04/2008
			---	7.77	8.13	729.09	07/02/2009
PZ-13	736.77	737.1	35.3	10.52	10.89	726.25	07/17/2001
			[30.5 to 35.5 feet bgs]	10.50	10.87	726.27	03/12/2002
				10.00	10.37	726.77	04/28/2003
				14.41	14.78	722.36	04/06/2004
				15.56	15.93	721.21	08/02/2004
				14.51	14.88	722.26	01/31/2005
				11.21	11.58	725.56	09/14/2005
			35.45	9.50	9.87	727.27	03/07/2006
			35.40	8.84	9.21	727.93	10/16/2006
			35.40	7.78	8.15	728.99	04/04/2007
			35.40	8.94	9.31	727.83	11/06/2007
			35.40	8.00	8.37	728.77	06/03/2008
			---	7.84	8.21	728.93	07/02/2009
PZ-14	734.76	735.2	75.0	30.22	30.63	704.54	03/12/2002
			[71 to 76 feet bgs]	26.50	26.91	708.26	04/28/2003
				58.29	58.70	676.47	04/06/2004
				61.64	62.05	673.12	08/02/2004
				55.49	55.90	679.27	01/31/2005
				27.88	28.29	706.88	09/13/2005
			75.00	23.18	23.59	711.58	03/09/2006
			74.95	22.50	22.91	712.26	10/16/2006
			74.95	20.31	20.72	714.45	04/02/2007
			74.95	20.91	21.32	713.85	11/06/2007
			74.95	19.49	19.90	715.27	06/02/2008
			---	19.20	19.61	715.56	07/02/2009
PZ-15	734.60	735.2	37.6	19.30	19.85	715.30	03/12/2002
			[33 to 38 feet bgs]	19.87	20.42	714.73	04/28/2003
				19.52	20.07	715.08	04/06/2004
				21.11	21.66	713.49	08/02/2004
				21.21	21.76	713.39	01/31/2005
				29.00	29.55	705.60	09/13/2005
			37.80	20.20	20.75	714.40	03/09/2006
			37.80	20.11	20.66	714.49	10/16/2006
			37.80	19.15	19.70	715.45	04/02/2007
			37.80	20.44	20.99	714.16	11/06/2007
			37.80	19.93	20.48	714.67	06/02/2008
			---	19.38	19.93	715.22	07/02/2009
PZ-16	736.18	736.5	34.3	18.72	19.04	717.46	03/12/2002
			[30 to 35 feet bgs]	18.53	18.85	717.65	04/28/2003
				21.98	22.30	714.20	04/06/2004
				22.33	22.65	713.85	08/02/2004
				21.93	22.25	714.25	01/31/2005
				19.00	19.32	717.18	09/13/2005
			34.60	18.28	18.60	717.90	03/09/2006
			34.50	17.75	18.07	718.43	10/16/2006
			34.50	17.04	17.36	719.14	04/02/2007
			34.50	17.84	18.16	718.34	11/06/2007
			34.50	17.65	17.97	718.53	06/02/2008
			---	17.10	17.42	719.08	07/02/2009
PZ-17	736.12	736.5	34.3	9.77	10.19	726.35	03/12/2002
			[30 to 35 feet bgs]	9.67	10.09	726.45	04/28/2003
				13.81	14.23	722.31	04/06/2004
				8.60	9.02	727.52	08/02/2004
				13.83	14.25	722.29	01/31/2005
				10.85	11.27	725.27	09/13/2005
			34.55	9.06	9.48	727.06	03/07/2006
			34.45	8.54	8.96	727.58	10/16/2006
			34.45	7.11	7.53	729.01	04/03/2007
			34.45	8.55	8.97	727.57	11/06/2007
			34.45	8.10	8.52	728.02	06/02/2008
			---	7.47	7.89	728.65	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

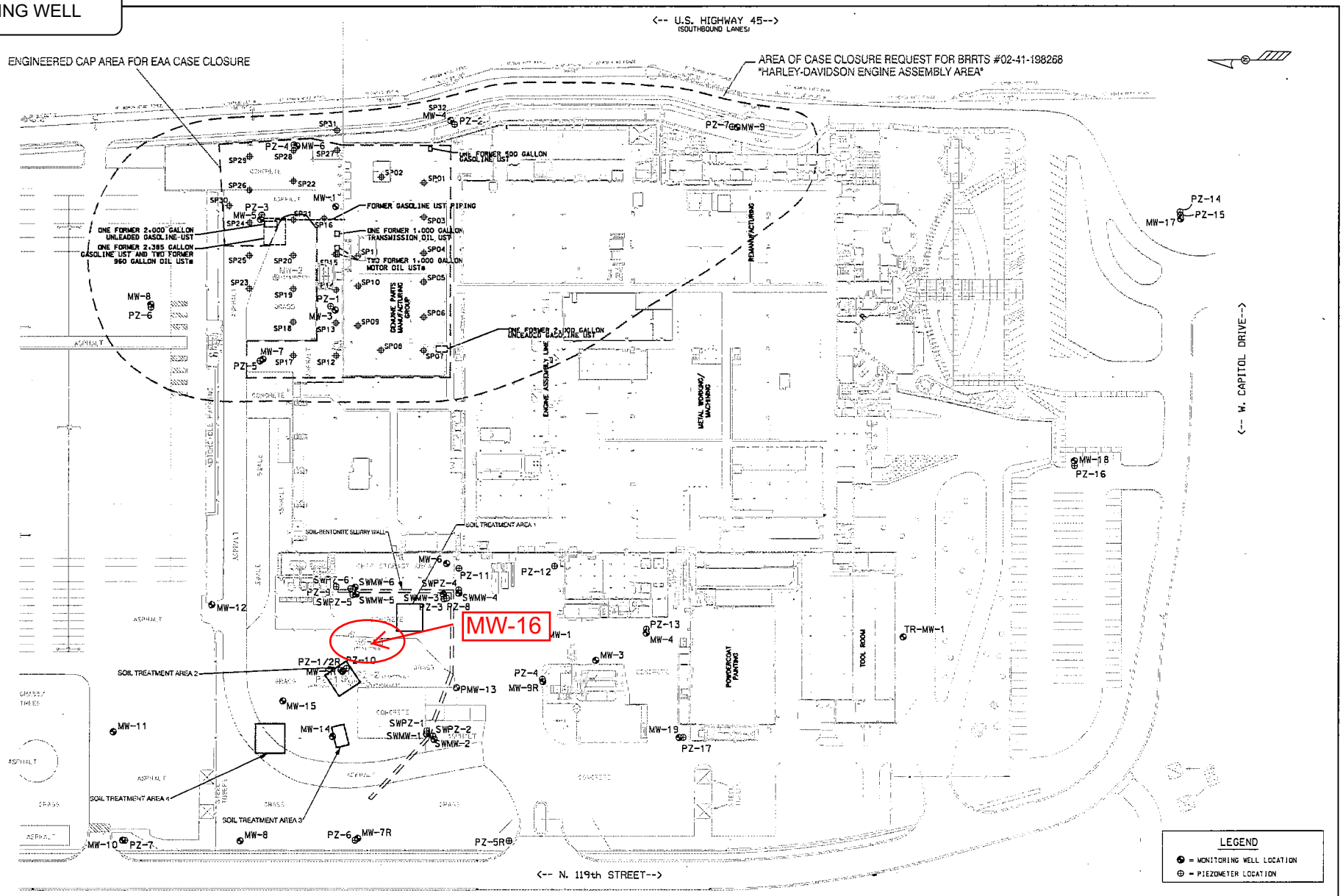
Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
PZ-18	738.23	738.6	34.2	9.77	10.13	728.46	06/17/2009
			[30 to 35 feet bgs]	9.37	9.73	728.86	07/02/2009
SWMW-1	740.17	740.5	17.8	8.49	8.82	731.68	08/02/2004
			[3 to 18 feet bgs]	11.82	12.15	728.35	02/02/2005
				8.11	8.44	732.06	09/14/2005
			17.80	5.92	6.25	734.25	03/08/2006
			17.80	3.00	3.33	737.17	10/18/2006
			17.80	1.86	2.19	738.31	04/04/2007
			17.80	5.24	5.57	734.93	11/07/2007
			17.80	4.59	4.92	735.58	06/03/2008
			---	NM	---	---	07/02/2009
SWMW-2	739.89	740.2	17.6	9.30	9.57	730.59	08/02/2004
			[2.8 to 17.8 feet bgs]	10.45	10.72	729.44	02/02/2005
				9.86	10.13	730.03	09/14/2005
			17.60	7.21	7.48	732.68	03/08/2006
	739.71		17.40	6.08	6.53	733.63	10/18/2006
			17.40	4.07	4.52	735.64	04/04/2007
			17.40	6.77	7.22	732.94	11/07/2007
			17.40	6.44	6.89	733.27	06/03/2008
			---	NM	---	---	07/02/2009
SWMW-3	736.78	737.2	17.3	7.87	8.24	728.91	08/02/2004
			[3 to 18 feet bgs]	9.25	9.62	727.53	02/01/2005
				6.22	6.59	730.56	09/14/2005
			17.30	4.09	4.46	732.69	03/07/2006
			17.30	3.34	3.71	733.44	10/17/2006
			17.30	2.77	3.14	734.01	04/03/2007
			17.30	3.76	4.13	733.02	11/08/2007
			17.30	3.19	3.56	733.59	06/04/2008
			---	NM	---	---	07/02/2009
SWMW-4	736.88	737.2	17.8	4.45	4.79	732.43	08/02/2004
			[3 to 18 feet bgs]	4.83	5.17	732.05	02/01/2005
				5.14	5.48	731.74	09/14/2005
			17.80	3.92	4.26	732.96	03/07/2006
			17.75	3.97	4.31	732.91	10/17/2006
			17.75	2.73	3.07	734.15	04/03/2007
			17.75	3.60	3.94	733.28	11/07/2007
			17.75	3.03	3.37	733.85	06/04/2008
			---	NM	---	---	07/02/2009
SWMW-5	736.67	737.1	17.7	7.15	7.57	729.52	08/02/2004
			[3 to 18 feet bgs]	5.95	6.37	730.72	02/01/2005
				4.55	4.97	732.12	09/15/2005
			17.70	3.55	3.97	733.12	03/07/2006
			17.75	3.39	3.81	733.28	10/17/2006
			17.75	2.75	3.17	733.92	04/03/2007
			17.75	3.65	4.07	733.02	11/08/2007
			17.75	2.55	2.97	734.12	06/04/2008
			---	NM	---	---	07/02/2009
SWMW-6	736.58	737.0	18.3	5.15	5.53	731.43	08/02/2004
			[3 to 18 feet bgs]	4.95	5.33	731.63	02/01/2005
				4.11	4.49	732.47	09/15/2005
			18.25	3.37	3.75	733.21	03/07/2006
			18.25	3.31	3.69	733.27	10/18/2006
			18.25	3.10	3.48	733.48	04/03/2007
			18.25	3.38	3.76	733.20	11/08/2007
			18.25	2.70	3.08	733.88	06/04/2008
			---	NM	---	---	07/02/2009
SWPZ-1	740.09	740.5	33.5	16.53	16.93	723.56	08/02/2004
			[29 to 34 feet bgs]	15.32	15.72	724.77	02/02/2005
				12.44	12.84	727.65	09/14/2005
			33.50	10.42	10.82	729.67	03/08/2006
			33.45	9.78	10.18	730.31	10/18/2006
			33.45	8.38	8.78	731.71	04/04/2007
			33.45	9.95	10.35	730.14	11/07/2007
			33.45	9.36	9.76	730.73	06/03/2008
			---	8.85	9.25	731.24	07/02/2009

Table 1
Static Groundwater Elevation Data - Former Test Track
Harley-Davidson Motor Company - 11700 W. Capitol Drive, Wauwatosa, Wisconsin
Sigma Project No. 5512

Well ID	Top of Casing Elevation (ft MSL)	Ground Surface Elevation (ft MSL)	Depth of Well (ft TOC) [Screened Interval]	Depth to Water (ft TOC)	Depth to Water (ft bgs)	Groundwater Elevation (MSL)	Date
SWPZ-2	739.89	740.1	34.2	17.55	17.77	722.34	08/02/2004
			[29 to 34 feet bgs]	16.45	16.67	723.44	02/02/2005
				15.56	15.78	724.33	09/14/2005
			34.00	11.48	11.70	728.41	03/08/2006
			33.95	10.85	11.07	729.04	10/18/2006
			33.95	9.57	9.79	730.32	04/04/2007
			33.95	11.03	11.25	728.86	11/07/2007
			33.95	10.20	10.42	729.69	06/03/2008
			---	9.84	10.06	730.05	07/02/2009
SWPZ-4	736.92	737.2	31.5	15.60	15.86	721.32	08/02/2004
			[26 to 31 feet bgs]	14.10	14.36	722.82	02/01/2005
				11.02	11.28	725.90	09/14/2005
			31.45	9.19	9.45	727.73	03/07/2006
			31.45	8.58	8.84	728.34	10/17/2006
			31.45	8.31	8.57	728.61	04/03/2007
			31.45	8.77	9.03	728.15	11/07/2007
			31.45	8.08	8.34	728.84	06/04/2008
			---	7.60	7.86	729.32	07/02/2009
SWPZ-5	736.72	737.1	31.1	15.88	16.25	720.84	08/02/2004
			[26 to 31 feet bgs]	12.05	12.42	724.67	02/01/2005
				9.16	9.53	727.56	09/15/2005
			31.10	7.22	7.59	729.50	03/07/2006
			31.05	7.75	8.12	728.97	10/18/2006
			31.05	5.30	5.67	731.42	04/03/2007
			31.05	6.77	7.14	729.95	11/08/2007
			31.05	6.17	6.54	730.55	06/04/2008
			---	5.60	5.97	731.12	07/02/2009
SWPZ-6	736.71	737.0	31.6	13.77	14.07	722.94	08/02/2004
			[26.5 to 31.5 feet bgs]	12.55	12.85	724.16	02/01/2005
				9.68	9.98	727.03	09/15/2005
			31.55	7.83	8.13	728.88	03/07/2006
			31.55	7.25	7.55	729.46	10/17/2006
			31.55	3.10	3.40	733.61	04/03/2007
			31.55	7.31	7.61	729.40	11/08/2007
			31.55	6.79	7.09	729.92	06/04/2008
			---	6.23	6.53	730.48	07/02/2009

Notes:
1. Top of casing elevations from GEO Management Consultants, Inc.
2. Groundwater elevation data prior to October 30, 1997 not available to Sigma Environmental Services, Inc.
3. Depth of well measured from top of casing during Sigma sampling events.
4. Well screen interval as reported in GEO Management Consultants, Inc. quarterly groundwater update reports.
5. Piezometer PZ-5 was damaged, and then replaced by PZ-5R on September 24, 1998.
6. NM = Not Measured
7. Piezometers PZ-10 through PZ-13 were installed in June 2001 by Sigma Environmental Services, Inc. New wells, and select existing wells, were surveyed by Sigma Development, Inc. on July 12, 2001.
8. Monitoring wells MW-17 through MW-19 and piezometers PZ-14 through PZ-18 were installed in February 2002 by Sigma Environmental Services, Inc. New wells were surveyed by Sigma Development, Inc. on April 4, 2002.
9. Riser on MW-11 cut down on March 18, 2002 to allow for new expansion cap and resurveyed by Sigma Development on April 4, 2002.
10. Riser at MW-6 disturbed during concrete paving work in late summer 2001; top of casing elevation was resurveyed by Sigma Development, Inc. in April 2003.
11. Monitoring wells MW-5R and SWMW-1 through SWMW-6 and piezometers PZ-1/2R and SWPZ-1, SWPZ-2, SWPZ-4, SWPZ-5, and SWPZ-6 were installed between June 21 and 24, 2004 by Sigma Environmental Services, Inc. PVC well casings at wells MW-11, MW-12, MW-14, MW-15, and PZ-10 were adjusted to accomodate new grade changes during remediaiton work in summer 2004. New wells and adusted wells were surveyed on September 1 and 3, 2004 by Sigma Development, Inc.
12. Piezometer PZ-18 was installed on May 15, 2009 by Sigman Environmental Services, Inc. PZ-18, PZ-5R, and PZ-7 were surveyed on July 2, 2009 by Sigma Environmental Services, Inc. with a Trimble R8 GPS receiver.

IMPROPERLY ABANDONED MONITORING WELL



NOTE:
1. WELL LOCATIONS SURVEYED BY SIGMA DEVELOPMENT, INC., EXCEPT FOR PZ-2 AND PZ-3 ON UNION PACIFIC RAILROAD PROPERTY.

K:\HARLEY\5512-Drawings 101-125\5512-111.dwg, FI-EAAC, 12/18/2008 10:05:26 AM, Previous paper size (22.00 x 17.00 Inches), 1:1

THE SIGMA GROUP
Single Source. Sound Solutions.
www.thesigmagroup.com
1300 West Canal Street
Milwaukee, Wisconsin 53233
Phone: 414-643-4200
Fax: 414-643-4210

SCALE – 1" = 80'-0" (0' 40' 80' 120' 160')

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	KAS	12/17/08
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

HARLEY-DAVIDSON MOTOR COMPANY
CAPITOL DRIVE FACILITY
11700 W. CAPITOL DRIVE, WAUWATOSA, WI
ENGINEERED CAP AREAS - ENGINE ASSEMBLY AREA

DRAWING NUMBER
5512-111

FIGURE 1

WELL CONSTRUCTION REPORT

- Monitoring well MW-16 was not abandoned in accordance with NR 141 regulations – well construction report attached

State of Wisconsin
Department of Natural Resources

MONITORING WELL CONSTRUCTION
Form 4400-113A 8-89

Facility/Project Name: Harley Davidson	Grid Location: ft. ☐ N. ☐ S. / ft. ☐ E. ☐ W.	Well Name: MW16
Facility License, Permit or Monitoring Number:		Wis. Unique Well Number: DNR Well Number:
Type of Well: Water Table Observation Well ☒ 11 / Piezometer ☐ 12	Section Location: SE 1/4 of SW 1/4 of Section 6	Date Well Installed: 02/28/94 (mm dd yy)
Distance Well Is From Waste/Source Boundary: ft.	T 7 N, R 21 ☒ E ☐ W	Well Installed by: (Person's Name and Firm) Wisconsin Soil Testing, Chuck & Marty
Is Well A Point of Enforcement Std. Application? ☐ Yes ☐ No	Location of Well Relative to Waste/Source: ☐ Upgradient ☐ Sidegradient ☐ Downgradient ☐ Not Known	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ ft. MSL or 1.0 ft.

12. USCS classification of soil near screen:
☐ GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP
☐ SM ☐ SC ☐ ML ☐ MH ☒ CL ☐ CH
☐ Bedrock

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 / Hollow Stem Auger ☒ 41 / Other ☐

15. Drilling fluid used: Water ☐ 02 / Air ☐ 01 / Drilling Mud ☐ 03 / None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis):

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 4.0 ft.

G. Filter pack, top _____ ft. MSL or 4.5 ft.

H. Well screen, top _____ ft. MSL or 5.0 ft.

I. Well screen, bottom _____ ft. MSL or 20.0 ft.

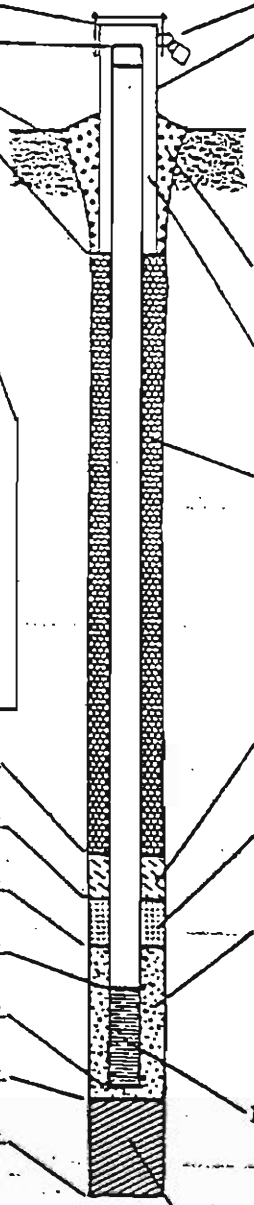
J. Filter pack, bottom _____ ft. MSL or 20.0 ft.

K. Borehole, bottom _____ ft. MSL or 20.0 ft.

L. Borehole, diameter 10.25 in.

M. O.D. well casing 4.25 in.

N. I.D. well casing 4.00 in.



1. Cap and lock? ☐ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 6.5 in.
b. Length: 1.0 ft.
c. Material: Steel ☐ 04 / Alum. Flushmount Other ☒
d. Additional protection? ☐ Yes ☐ No
If yes, describe: _____

3. Surface seal: Bentonite ☒ 30 / Concrete ☒ 01 / Other ☐

4. Material between well casing and protective pipe: Bentonite ☐ 30 / Annular space seal ☒ / Other ☐

5. Annular space seal: Granular Bentonite ☒ 33
_____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
_____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
_____ % Bentonite ..... Bentonite-cement grout ☐ 50
_____ ft^3 volume added for any of the above
How installed: Tremie ☐ 01 / Tremie pumped ☐ 02 / Gravity ☒ 08

6. Bentonite seal: Bentonite granules ☐ 33
☐ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite pellets ☐ 32
Other ☐

7. Fine sand material: Manufacturer, product name and mesh size
Badger Mining Corp. Fine Sand
Volume added 1/2 bag ft^3

8. Filter pack material: Manufacturer, product name and mesh size
Red Flint Filter Pack
Volume added 11 bags ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 / Flush threaded PVC schedule 80 ☐ 24 / Other ☐

10. Screen material: PVC
Screen type: Factory cut ☒ 11 / Continuous slot ☐ 01 / Other ☐
Manufacturer Timco
Slot size: 0.010 in.
Slotted length: 15.0 ft.

11. Backfill material (below filter pack): None ☒ / Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm
Ray Willhelm	Cooper Environmental + Engineering

Please complete and return both sides of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5,000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation.
NOTE: Shaded areas for DNR use only. See instructions for more information.