

General Motors Corporation

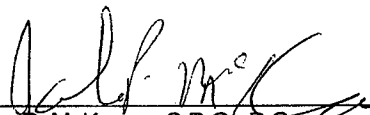
Due Care Plan

56-acre Undeveloped Property Adjacent to Delphi
Energy & Engine Management Systems, Plant 600/700

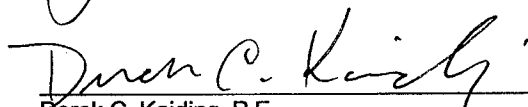
Burton, Michigan

July 23, 2008

ARCADIS



John P. McKenna, C.P.G., P.G.
Principal Geologist



Derek C. Kaeding, P.E.
Principal Environmental Engineer

**56-acre Undeveloped Property
Adjacent to Delphi Energy &
Engine Management Systems,
Plant 600/700**

Due Care Plan

Prepared for:
General Motors Corporation

Prepared by:
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Our Ref.:
B0064448

Date:
July 23, 2008

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**56-acre Undeveloped
Property Adjacent to Delphi
Energy & Engine
Management Systems,
Plant 600/700**

Due Care Plan
July 23, 2008

Signature Page

Part 201 Potential Facility Evaluation

Worksheet 1 Due Care Documentation: On-Site Facilities

Figures

- Figure 1 Site Location Map
- Figure 2 Soil Boring and Monitoring Well Location Map
- Figure 3 Soil Boring Location Map
- Figure 4 Soil Analytical Data Map
- Figure 5 Soil Analytical Data Map
- Figure 6 Soil Analytical Data Map
- Figure 7 Groundwater Analytical Data Map

Attachments

Attachment 1 Analytical Data Summaries

- Table 1: Summary of Soil Analytical Data
- Table 2: NREPA Part 201 Generic Soil Cleanup Criteria and Screening Levels
- Table 3: Summary of Groundwater Analytical Data
- Table 4: NREPA Part 201 Generic Groundwater Cleanup Criteria and Screening Levels
- Table 5: Footnotes for Groundwater and Soil NREPA Part 201 Criteria Tables

Attachment 2 Summary of Shallow Soil Boring Physical Characteristics

Part 201 Potential Facility Evaluation

Name and location of GM plant/site:

General Motors Corporation

56-acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant 600/700 (the Site)

Vacated Donegal Street

Burton, Michigan 48509

As a result of a review of the site data and information, does a Potential Facility exist at the plant/site?

YES ☒ X

NO

If NO, please list the information evaluated to make this conclusion and do not complete the remaining portion of this form. Although no further action is required at this time, please retain this form and re-evaluate this determination as new information becomes available or as regulatory criteria are modified.

If YES, please complete the remainder of this form.

Identify the Potential Facility (e.g. landfill, leaking tank, storage area, etc.). Please note that, pursuant to the due care rules (R299.51015), the MDEQ must be notified of the presence of abandoned containers (e.g., tanks, drums, sewers, etc.) that contain hazardous substances.

The 56-Acre Undeveloped Property (the Site) was historically associated with the Delphi Energy and Engine Management Systems Flint East Complex, Plant 600/700 (Delphi Site). The Delphi Site was owned by GM until 1999, when Delphi Automotive Systems, LLC (Delphi) was spun off from GM. Delphi owns and operates the Delphi Complex, while GM retained ownership of the 200-acre undeveloped Flint Delphi East Property. In 2004 GM sold approximately 144 acres of the 200-acre undeveloped property to a third party. GM currently retains ownership of the remaining 56-acres of the undeveloped property (the Site). The property located west of the Site is currently owned by Porrett Investments, and is leased by GM for parts packaging operations.

The Site is considered a facility due to historic landfill activities. During the 1970s the Site was operated as a permitted landfill for disposal of construction debris, miscellaneous inert solid waste, and foundry sand from the GM Buick Motor Division. The foundry sand was analyzed for leachable metals, fluoride, chloride, cyanide and phenols before the sand was disposed on Site. The Michigan Department of Natural Resources (MDNR) subsequently issued a Solid Waste Area Disposal License for the periods of on-Site disposal of foundry sand.

Groundwater samples collected at the Site indicate the presence of several inorganics present at concentrations that exceed Natural Resources and Environmental Protection Act (NREPA) Part 201 Generic Residential Drinking Water (RDW), Industrial Drinking Water (IDW), and Groundwater/Surface water Interface (GSI) criteria. Soil samples collected at the Site indicate the presence of inorganic compounds, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) at concentrations that exceed NREPA Part 201 Residential Drinking Water Protection (RDWP), Industrial Drinking Water Protection (IDWP), Groundwater/Surface water Interface Protection (GSIP), Residential Direct Contact (RDC), Industrial Direct Contact (IDC), and Commercial IV Direct Contact (C4DC) criteria.

General Location of the Potential Facility (attach map or plot plan for detail)

The Site generally forms an irregular shaped parcel bordered by Davison Road and several commercial businesses to the north, a Grand Trunk railroad line to the south, a Consumer Power Company right-of-way to the west, and the 144-acre undeveloped parcel to the east. Refer to the attached Site Location Map (Figure 1) and Soil Boring and Monitoring Well Location Maps (Figures 2 and 3).

Basis for Determination

Please indicate the basis for determination for the identified Potential Facility. The following questions should be considered for each identified Potential Facility:

1. **Actual knowledge or documentation verifying that a release occurred at the site/plant on or after June, 1995? Yes ☐ No ☒ If yes, please explain:**
2. **Actual knowledge or documentation suggesting concentrations in excess of the Generic Residential Criteria on-site? Yes ☒ No ☐ If yes, please explain:**

The Site has been identified as a facility due to the presence of hazardous substances in soil and groundwater at concentrations above Michigan Natural Resources and Environmental Protection Act (NREPA) 1994 PA 451 Part 201 Generic Residential Cleanup Criteria (January 23, 2006). The presence of hazardous substances was detected as a result of various subsurface investigations completed at the Site. These investigations were documented in the Revised Site Investigation Report (ARCADIS February 11, 2008).

Underline any of the following which may apply based upon the above answer and attach any supporting documentation or data:

Residential Drinking Water Protection – Soil
Industrial Drinking Water Protection -Soil
Residential Drinking Water – Groundwater
Industrial Drinking Water - Groundwater
Groundwater/Surface Water Interface Protection - Soil
Groundwater/Surface Water Interface – Groundwater
Groundwater Contact – Groundwater
Ambient Air – Soil
Indoor Air – Soil
Indoor Air – Groundwater
Residential Direct Contact –Soil
Industrial Direct Contact - Soil
Commercial IV Direct Contact -Soil
CSAT – Soil

Based on current and anticipated future property use, the Generic Industrial Direct Contact criteria underlined above is potentially applicable for worker exposure scenarios. Attachment 1 and Figures 4 through 7 provide summaries of hazardous constituents detected in soil and groundwater at the Site.

3. **Actual knowledge or documentation suggesting concentrations in excess of the Generic Residential Criteria have migrated off-site? Yes ☐ No ☒ If yes, please explain (Note: Pursuant to the due care rules, a notice must be provided to the MDEQ for any off-site migration):**

Laboratory analytical results for groundwater samples collected from temporary wells TW-1, TW-6, and TW-8, located adjacent to Gilkey Creek, exceeded RDW, IDW, and/or GSI criteria for aluminum, arsenic, cadmium, copper, iron, magnesium, manganese, sodium and/or vanadium. A second round of groundwater samples were collected from temporary wells TW-6 and TW-8. Several of the analytes which exceeded criteria in the first round of samples, including the GSI exceedance were detected below criteria in the second round of sampling. Groundwater elevations from Site monitoring wells and additional monitoring wells in the vicinity of the Site indicate that the groundwater flow direction in the southern portion of the Site is to the southwest towards Gilkey Creek, and to the north in the northern portions of the Site.

Gilky Creek has been identified to be both a losing and gaining creek, depending on the time of year. Data from August 2007 through December 2007 show that the water elevation in Gilkey

Creek is higher than the groundwater elevation as measures in monitoring wells positioned along its banks. The recent groundwater and stream measurements collected during the spring of 2008 show that groundwater is migrating toward Gilkey Creek in the vicinity. The groundwater table elevation as measured in bank wells is higher in elevation than that of the water elevation in Gilkey Creek.

4. Does actual knowledge, documentation, data, or other information suggest that "free product" may be present (as defined in Part 201)? Yes _____ No X If yes, please explain basis:

5. Is the Potential Facility subject to any other environmental regulations (e.g. UST, RCRA, etc.)?

The facility is subject to NREPA Part 201 Rules and the Resource Conservation and Recovery Act (RCRA). Also, GM initiated a Voluntary Corrective Action at the Delphi Site in 1995 with the MDEQ.

6. Is the Potential Facility the subject of a state or federal consent order or judgment, or other similar enforceable agreement? Yes X No _____ If yes, please explain:

The Delphi Site is under a RCRA Consent Order.

7. Has a remediation or response plan been prepared/implemented to address this Potential Facility? Yes _____ No X Please provide additional explanation, if any:

Although no formal remediation or response plan has been prepared for the Site, the Site currently remains inactive and a permanent fence has being installed to enclose the entire Site to restrict access.

8. Is there a schedule to perform additional investigation to address this Potential Facility? Yes X No _____ Please provide additional explanation, if any:

GM continues to investigate groundwater conditions relating to Gilkey Creek, and GM is also developing a Restrictive Covenant to be added to the property deed for the Site, to restrict its future land and groundwater use.

9. Is there a schedule to perform remediation or other response activities to address this Potential Facility? Yes X No _____ Please provide additional explanation, if any:

See Item 8.

10. List any reports or information sources used to conclude the area is a Potential Facility (obtain copies of any such documentation):

Revised Site Investigation Report, 56-Acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant 600/700, Burton, Michigan (ARCADIS, February 11, 2008).

11. Project Manager or individual(s) responsible for addressing this Potential Facility (please include name, phone number, and GM organization):

Mr. Kurt Blizzard
WFG Remediation Team
General Motors Corporation
Mail Code 489-066-055
920 Townsend
Lansing, MI 48921

Telephone 517-885-1155

- 12. Other responsible individual(s). Please include name and phone number and GM organization. Please also include the company, individual name(s), and phone number(s) of any consultant(s) or contractor(s) involved:**

Mr. William J. McFarland
Director of Remediation Services
WFG Environmental
General Motors Corporation
Pontiac Centerpoint Campus - Central
2000 Centerpoint Parkway
Mail Code 483-520-190
Pontiac, MI 48341-3147
Telephone 248-753-5816

Mr. Derek C. Kaiding, P.E.
Principal Environmental Engineer
ARCADIS G&M of Michigan, LLC
10559 Citation Drive
Brighton, MI 48116
Telephone 810-225-1903



**56-acre Undeveloped
Property Adjacent to Delphi
Energy & Engine
Management Systems,
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Due Care Plan
July 23, 2008

SIGNATURES

Anyone who will be working in areas where soil or groundwater exceed the appropriate criteria must acknowledge that a Site representative has reviewed available data for that area with them.

Please print your name and sign and date acknowledging that you have reviewed analytical data presented in this Due Care Plan that is pertinent to your activities, and that you understand the potential risks and Health and Safety Requirements in working at the General Motors Corporation 56-acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant 600/700 property in Burton, Michigan.

[illegible]

**WORK SHEET 1
DUE CARE DOCUMENTATION**

I. IF NO MDEQ APPROVED RAP HAS BEEN PREPARED FOR THE "FACILITY"

A. EXPOSURE DETERMINATION AND PREVENTION PROCEDURES

1) Site Name and Address (attach maps):

General Motors Corporation
56-Acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant
600/700
Vacated Donegal Street
Burton, Michigan 48509

A separate Work Sheet must be completed for each "Facility" identified. List the individual "Facility" or "Facilities" as distinct portions of the property. There may be portions of the evaluation (e.g. geology/hydrology) which may be duplicated or carried over for each "Facility" evaluated.

"Facility" Name(s), if different than site name:

"Facility" History:

The 56-Acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant 600/700 (the Site) is an irregular shaped parcel bordered by Davison Road and several commercial businesses to the north, approximately 144 acres of undeveloped land to the east, a Grand Trunk railroad line to the south, and a Consumer's Power Company right-of-way to the west (Figure 2). The Site is relatively flat and dry and contains heavy vegetation ranging from cultivated grasses to dense scrubby brush and wooded areas, as well as a former automobile test track.

Approximately 21 acres of the Site were used as a permitted landfill in the 1970's for disposal of construction debris, miscellaneous inert solid waste, and foundry sand from the GM Buick Motor Division facility in Flint, Michigan. The foundry sand was analyzed for leachable metals, fluoride, chloride, cyanide and phenols by AC Delco Systems (AC) in 1974 before sand was disposed on-Site. The analytical results identified low levels of the analytical parameters in the samples, and AC determined that the sand could be landfilled on-Site. Michigan Department of Natural Resources (MDNR) subsequently issued a Solid Waste Disposal License for the periods of on-Site disposal of the foundry sand by AC. The remaining approximately 35 acres of the Site have not been used by GM since it was acquired in the early 1960s, with the exception of the installation of an asphalt-covered test track. An aerial photograph from 1956 indicates what may have been a grass airstrip to have once been present at the Site.

In 1995 GM initiated Resource Conservation and Recovery Act (RCRA) Voluntary Corrective Action at the Delphi Facility with the MDNR. GM requested at that time that the Site (a portion of the Delphi Facility) not be included in the RCRA Corrective Action program. A Preliminary Assessment/Visual Site Inspection was completed at the Delphi Facility in 1992 by PRC Environmental Management, Inc. for United States Environmental Protection Agency (U.S. EPA). Inspection of the Site did not identify any Solid Waste Management Units (SWMU) or Areas of Concern (AOC). Delphi retained the RCRA Corrective Action responsibilities for the Delphi Facility when divested from GM in 1999.

From 1996 to 2007 Site investigations were completed to augment/expand the knowledge of current conditions at the Site and adjacent areas. The results of these investigations are summarized in the Revised Site Investigation Report, 56-Acre Undeveloped Property Adjacent to Delphi Energy & Engine Management Systems, Plant 600/700, (ARCADIS February 11, 2008).

"Facility" Location(s): The entire 56-acre property is a facility.

Current Land Uses: None. The facility is vacant property.

2) Available geology, hydrogeology, physiography:

The regional landscape of Flint and the surrounding area consists of gently rolling topography. This topography includes a gently sloping ground moraine, broken by several outwash channels and also by numerous end-moraine ridges, some having slightly greater relief than the surrounding ground-moraine topography. Local relief of less than 50 feet is found over areas of several miles. The greatest regional elevation changes are along outwash channels, which are commonly accompanied by steep slopes and are 50 to 100 feet lower than the adjacent ground moraine.

The geology of central Genesee County is dominated by two stratigraphic units consisting of unconsolidated glacial deposits of Pleistocene age, underlain by sandstone bedrock. The glacial deposits are composed of a sequence of moraines, outwash and glacial channels, lake bed sediments, and till plains. These overburden materials are underlain by bedrock of the Saginaw Formation, consisting of Pennsylvanian-age sandstones, limestones and shales.

The regional groundwater flow direction within the sandstone bedrock is generally to the north across Genesee County, with groundwater eventually discharging to Saginaw Bay and Lake Huron (Wiitala et al., 1963). Regionally, two distinct water-bearing zones are identified as the glacial drift and bedrock. The glacial drift water-bearing zone consists of discontinuous sand layers within the till. These layers can be fully saturated and have a higher short-term yield than the glacial till. The glacial drift water-bearing zone is typically not used as a source of potable water due to its limited yield.

The subsurface deposits at the Site have been characterized through the completion of numerous soil borings and the installation of monitoring wells at several of these borings. The overburden deposits identified at the Site can be grouped into the following units:

Fill Material – Fill material is present across most of the Site. The fill material consists of poorly graded sand and some silts and clays interspersed with miscellaneous fill material including construction debris (concrete, wood, brick), some metallic and plastic materials, foundry sand, and miscellaneous solid waste. The fill material thickness typically ranges from 1 to 6 feet below ground surface (bgs), although fill material thickness has been noted as deep as 10 feet bgs. The depths of fill material and native material observed during soil boring installation are summarized in Attachment 2.

Lean Clay with Interbedded Sands and Silts - A glacial till deposit consisting of lean clay with silt underlies the fill material at the Site. Minor constituents of the lean clay include few fine-to-coarse subrounded sand particles and trace fine-to-medium gravel particles. The interbedded sand and silt lenses are typically wet and consist of a yellowish-brown fine sand or a brownish-gray to gray silty sand. The estimated thickness of the glacial till in the Flint area ranges from 50 to 100 feet (Humphrys, 1960).

The hydrogeology of the Site has been characterized as shallow groundwater, which is present as localized sections of perched groundwater atop the lean clay material, and also in the interbedded sand and silt lenses located within the lean clay material. Groundwater is typically encountered at a depth of 8 to 13 feet below ground surface in the interbedded sand and silt lenses within the lean clay material, and this hydrogeologic unit likely controls the movement of shallow groundwater at the Site.

The wide variation in the horizontal and vertical distribution of fill materials, combined with the interbedded sands and silts present in an underlying low-permeability lean clay unit, produces localized water table mounds. Site groundwater elevation measurements collected as part of the Site investigation indicate that the general groundwater flow direction is to the southwest toward Gilkey Creek in the southwest portion of the Site and to the north in the northern portion of the Site. However, Gilkey Creek has been identified to be both a losing and gaining creek, depending on the time of year. Data from August 2007 through December 2007 show that the water elevation in Gilkey Creek is higher than the groundwater elevation as measures in monitoring wells positioned along its banks. The recent groundwater and stream measurements collected during the spring of 2008 show that groundwater is migrating toward Gilkey

Creek in the vicinity. The groundwater table elevation as measured in bank wells is higher in elevation than that of the water elevation in Gilkey Creek. Groundwater flow is not influenced by other pumping sources, as there are no active drinking or industrial water production wells at the Site. Hydraulic conductivity tests have not been conducted at the Site. No source of potable water is located on-Site. Any potable water for the Site would require transport from an off-Site location.

Surface conditions at the Site are characterized by vegetation ranging from cultivated grasses in areas to dense scrubby brush and wooded areas, and a former automobile test track. The Site is relatively flat and dry with the exception of potential wetland areas bordering Gilkey Creek in the southwest corner of the Site and in the south-central portion of the Site. No storm sewer system is located at the Site; local surface drainage eventually discharges to Gilkey Creek.

3) Exposure Pathway Evaluation

3a) Do you believe there is or reasonably could be a complete exposure pathway for direct contact or ingestion of contaminated soil and/or sediment? Yes. Please note that if contamination has migrated off-site, a notification to MDEQ is required.

Explain rationale: The concentration of benzo(a)pyrene exceeds Michigan Natural Resources and Environmental Protection Act (NREPA) Part 201 Generic Residential Direct Contact (RDC) in four soil samples and Industrial Direct Contact (IDC) in two of those samples. In addition, the concentration of arsenic in one soil sample and the concentration of benzo(b)fluoranthene in one soil sample exceed RDC. The analytical data is presented in 1.

The Site is currently inactive, and a permanent fence has been installed at the Site to restrict possible exposure to constituents which exceed direct contact criteria. However, subsurface utilities are located at the Site which may require access in the future, so a complete exposure pathway is possible for employees, contractors, or utility workers performing subsurface work.

List potential receptors: Employees, contractors, or utility workers performing subsurface work at the Site.

3b) Do you believe there is or reasonably could be a complete exposure pathway for ingestion of contaminated ground water on-site? No Please note that if contamination has migrated off-site, a notification to MDEQ is required.

Explain rationale: Groundwater is not being used as a drinking water source at the Site or downgradient of the Site. The Michigan Department of Community Health Rules (Act 368, Part 127) prohibits the use of groundwater at a depth of less than 25 feet below ground surface within all of Genesee County. GM is also developing a Restrictive Covenant to be added to the property deed for the Site, to restrict its future land and groundwater use.

List potential receptors: Not Applicable

3c) Do you believe there is or reasonably could be a complete exposure pathway for direct contact of contaminated ground water on-site? No.

Explain rationale: The analytical data indicate that the concentrations of hazardous substances in groundwater do not exceed the Generic Groundwater Contact Criteria. Although soil samples exceeded Generic Groundwater Contact Protection criteria for benzo(a)pyrene at MW4-04, MW4-04SO2, and FA-17, benzo(a)pyrene was not detected in the groundwater samples collected at the Site.

List potential receptors: Not Applicable.

3d) Do you believe there is or reasonably could be a complete exposure pathway for ingestion of contaminated surface water on-site? No Please note that if contamination has migrated

off-site, a notification to MDEQ is required.

Explain rationale: The analytical data indicate that the concentration of hazardous substances in soil samples exceeded Residential and Industrial Drinking Water criteria and Generic Groundwater/Surface Water Interface Protection Criteria in several soil samples collected at the Site. A summary of the soil analytical data is presented in Attachment 1 and on Figures 4 through 6.

Groundwater samples collected from temporary wells TW-1, TW-6, and TW-8, which are located adjacent to Gilkey Creek, exceeded Residential and Industrial Drinking Water Criteria aesthetic and/or health-based criteria. One groundwater sample collected from TW-6 exceeded Groundwater/Surface Water Interface (GSI) criteria for copper. A second round of groundwater samples were collected from temporary wells TW-6 and TW-8. Several of the analytes which exceeded criteria in the first round of samples, including the GSI exceedance, were detected below criteria in the second round of sampling. Additionally Gilkey Creek and the Flint River, which receives its discharge, are not a drinking water sources. Site groundwater analytical results are presented in Attachment 1 and on Figure 7.

List potential receptors: Not Applicable.

3e) Do you believe there is or reasonably could be a complete exposure pathway for direct contact of contaminated surface water on-site? No.

Explain rationale: The analytical data indicate that the concentration of hazardous substances in soil samples exceeded Residential and Industrial Drinking Water criteria and Generic Groundwater/Surface Water Interface Protection Criteria in several soil samples collected at the Site. A summary of the soil analytical data is presented in Attachment 1 and on Figures 4 through 6.

Groundwater samples collected from temporary wells TW-1, TW-6, and TW-8, , which are located adjacent to Gilkey Creek, exceeded Residential and Industrial Drinking Water Criteria aesthetic and/or health-based criteria. One groundwater sample collected from TW-6 exceeded Groundwater/Surface Water Interface (GSI) criteria for copper. A second round of groundwater samples was collected from temporary wells TW-6 and TW-8. Several of the analytes which exceeded criteria in the first round of samples, including the GSI exceedance were detected below criteria in the second round of sampling. The groundwater analytical results are presented in Attachment 1 and on Figure 7.

List potential receptors: Not Applicable.

3f) Do you believe there is or reasonably could be a complete exposure pathway for inhalation of contaminated ambient air through either particulates or volatilization from contaminated soil on-site? No. Please note that if contamination has migrated off-site, a notification to MDEQ is required.

Explain rationale: Available data indicates concentrations of hazardous substances do not exceed the Generic Residential or Industrial Volatile or Particulate Soil Inhalation Cleanup Criteria.

List potential receptors: Not Applicable.

3g) Do you believe there is or reasonably could be a complete exposure pathway for inhalation of indoor air through volatilization from contaminated soil beneath the building? No.

Explain rationale: There are no occupied buildings at the Site, and available data indicates concentrations of hazardous substances do not exceed the Generic Residential or Industrial Volatile or Particulate Soil Inhalation Cleanup Criteria.

List potential receptors: Not applicable.

3h) Are there other potential pathways which may be complete for contaminated media? No.

If so, identify and list potential receptors: Not Applicable.

For each likely receptor, summarize each potentially complete pathway.

The potentially complete exposure pathways are presented in the summary table below.

Summary of Completed Pathways and Potential Receptors

Potentially Complete Exposure Pathway	Potential Receptors
Direct Contact with Soil	Employees, contractors, or utility workers performing subsurface work.

Do the presence of hazardous substances released at the plant/site present a fire or explosion hazard? Site groundwater analytical data were compared to the NREPA Part 201 Generic Flammability and Explosivity Screening Levels (FESL). Concentrations of Site constituents in groundwater do not exceed the FESL screening levels. Available data does not indicate a fire or explosion hazard at the Site related to the presence of hazardous constituents.

If so, identify the area and explain rationale: Not applicable.

Available analytical data for each “facility” and media exceeding Generic Land Use Based Cleanup Criteria for those applicable exposure pathways (List by media; can be presented in tables and/or figures):

Available analytical data are included in Attachment 1, including:

Table 1: Soil Analytical Data

Table 2: NREPA Part 201 Generic Soil Cleanup Criteria and Screening Levels

Table 3: Groundwater Analytical Data

Table 4: NREPA Part 201 Generic Groundwater Cleanup Criteria and Screening Levels

Table 5: Footnotes to Analytical Data and NREPA Part 201 Criteria Tables

Attach or list which criteria and the date and MDEQ revision # for all criteria used in the evaluation:

Site soil analytical data were compared to the following NREPA Part 201 Generic Cleanup Criteria:

Statewide Default Background Levels

Residential Drinking Water Protection Criteria

Groundwater/Surface Water Interface Protection Criteria

Groundwater Contact Protection Criteria

Residential Infinite Source Volatile Soil Inhalation Criteria

Residential Finite VSIC for 5 Meter Source Thickness

Residential Finite VSIC for 2 Meter Source Thickness

Residential Particulate Soil Inhalation Criteria

Residential Direct Contact

Industrial Drinking Water Protection Criteria

Industrial Volatile Soil Inhalation Criteria

Industrial Finite VSIC for 5 Meter Source Thickness

Industrial Finite VSIC for 2 Meter Source Thickness

Industrial Particulate Soil Inhalation Criteria

Industrial and Commercial II Direct Contact Criteria

Commercial IV Direct Contact Criteria

Site groundwater analytical data were compared to the following NREPA Part 201 Generic Cleanup Criteria:

Residential and Commercial I Drinking Water Criteria
Industrial and Commercial II, III, IV Drinking Water Criteria
Groundwater/Surface Water Interface Criteria
Groundwater Contact Criteria
Flammability and Explosivity Levels
Acute Inhalation Screening Levels

Criteria published in 2006 were used for the evaluation. A complete copy of the current NREPA Part 201 Generic Cleanup Criteria (January 23, 2006) is included in Attachment 1.

4) If data exceed appropriate criteria for a particular media and applicable exposure pathway, describe the additional mitigation activities undertaken:

a) Was a "facility" specific risk assessment developed? (Yes/No) No.

If yes, attach a copy and summarize results. NA

b) Access Restriction is utilized (Yes/No) Yes If yes:

Is the restriction a "facility" management control? (Yes/No) Yes

Is there a deed restriction? (Yes/No) A Restrictive Covenant is under development for restricting Site groundwater and land use.

If yes, attach a copy

Are there institutional controls? (Yes/No) No institutional controls are in place until the pending Restrictive Covenant is completed. However, a permanent fence has been installed as an engineering control to restrict Site access. Site access is controlled by GM, and any workers entering the Site, including non-GM employees, utility workers, and contractors, are required to develop and follow an appropriate Site-specific Health and Safety Plan.

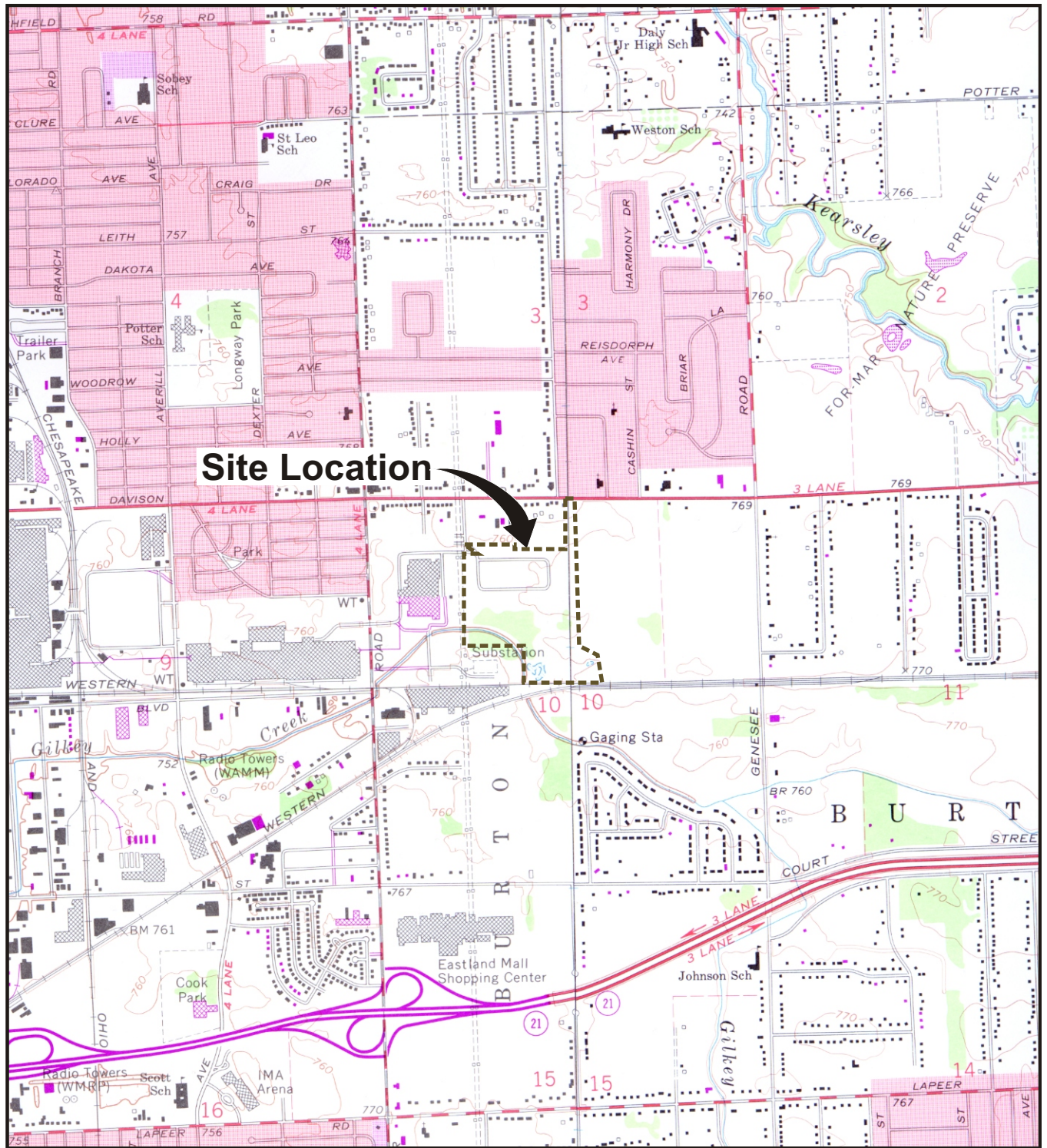
Who is responsible for maintaining the restriction and/or controls and has that person had training in the required standards and schedule of maintenance?

The GM Remediation Team is responsible for maintaining restrictions and controls at the Site. Training for the appropriate personnel that may require access to the Site is provided as necessary.

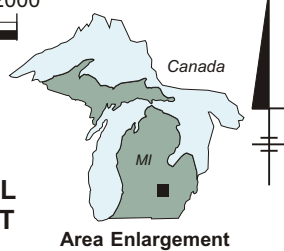
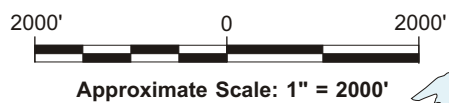
What procedures are in place to maintain the restriction and/or controls?

A permanent fence was installed to restrict Site access, and the GM Remediation Team possesses the keys to the fence gate. The GM Remediation Team will perform periodic inspections and updates of restrictions and controls as necessary.

Figures



REFERENCE: Base Map Source: USGS 7.5 Min. Topo. Quads., Flint North, 1969, and Davison, Michigan, 1969, photorevised 1975.



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PREPARED AT THE REQUEST
OF GM COUNSEL**

**GENERAL MOTORS CORPORATION
FLINT DELPHI EAST
BURTON, MICHIGAN**

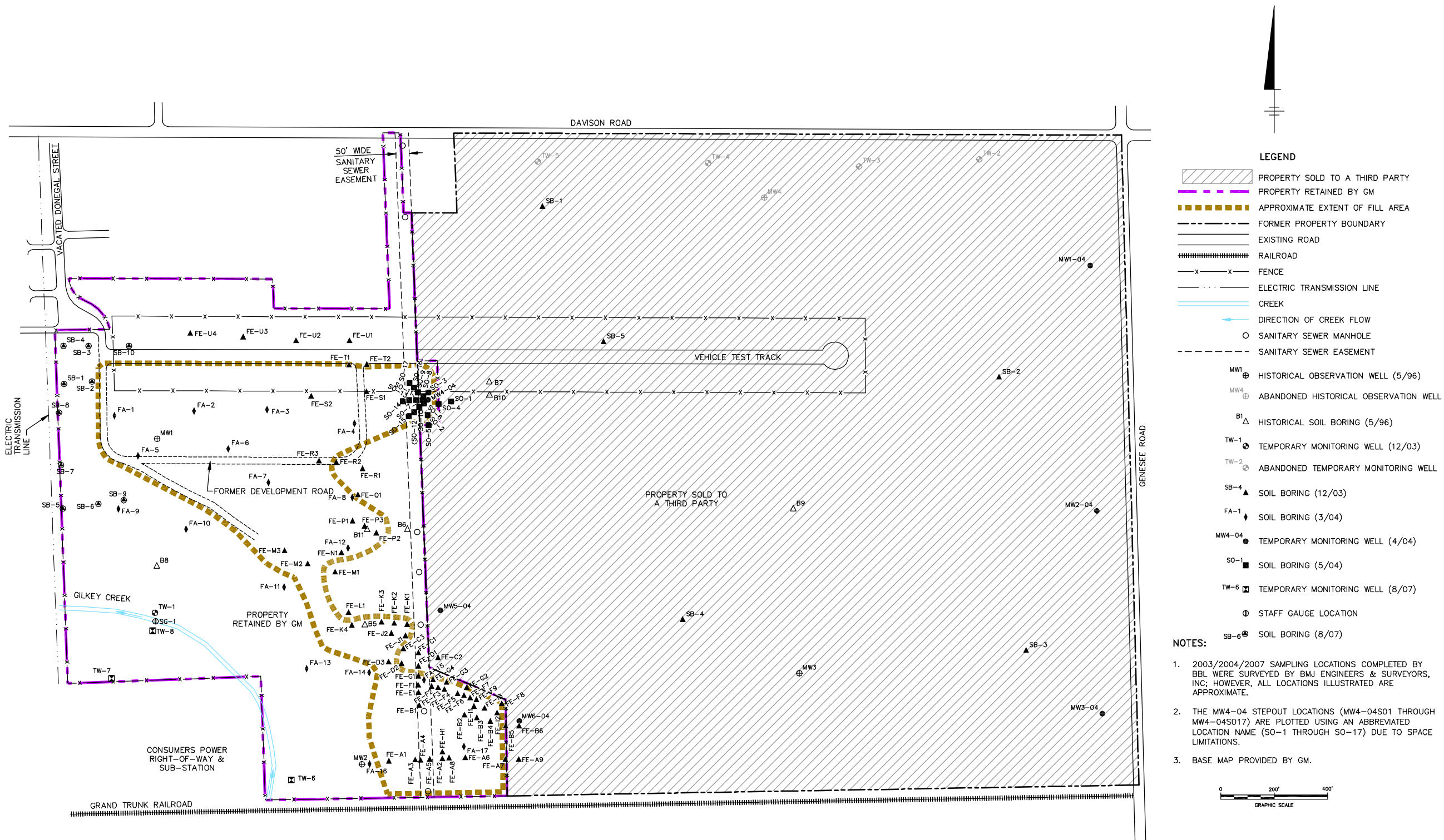
SITE LOCATION MAP



**FIGURE
1**

CITY:BR1(SYR) DIV:GROUP:85 DB:PFS:ADF:KLS LD:PFS PIC:(Opt) PW:(Refd) TM:(Opt) LVR:(Opt):OFF=REF* J:\2008\90644481000\00180\FDEDCP\64448B13.dwg LAYOUT: 25/08/2008 2:29 PM ACADVER: 17.1S (LWS TECH) PAGES:10 PLOT: 5/1/2008 2:29 PM BY: FOX, AARON

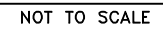
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GENERAL MOTORS CORPORATION
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST DUE CARE PLAN

**SOIL BORING AND
MONITORING WELL LOCATION MAP**

FIGURE
2



 PROPERTY RETAINED BY GM
 APPROXIMATE EXTENT OF FILL AREA
 ROAD
 FENCE
 SANITARY SEWER MANHOLE
 APPROXIMATE LOCATION OF SANITARY SEWER EASEMENT
 MW4-04S05 SOIL BORING (5/04)
 MW4-04 TEMPORARY MONITORING WELL (4/04)

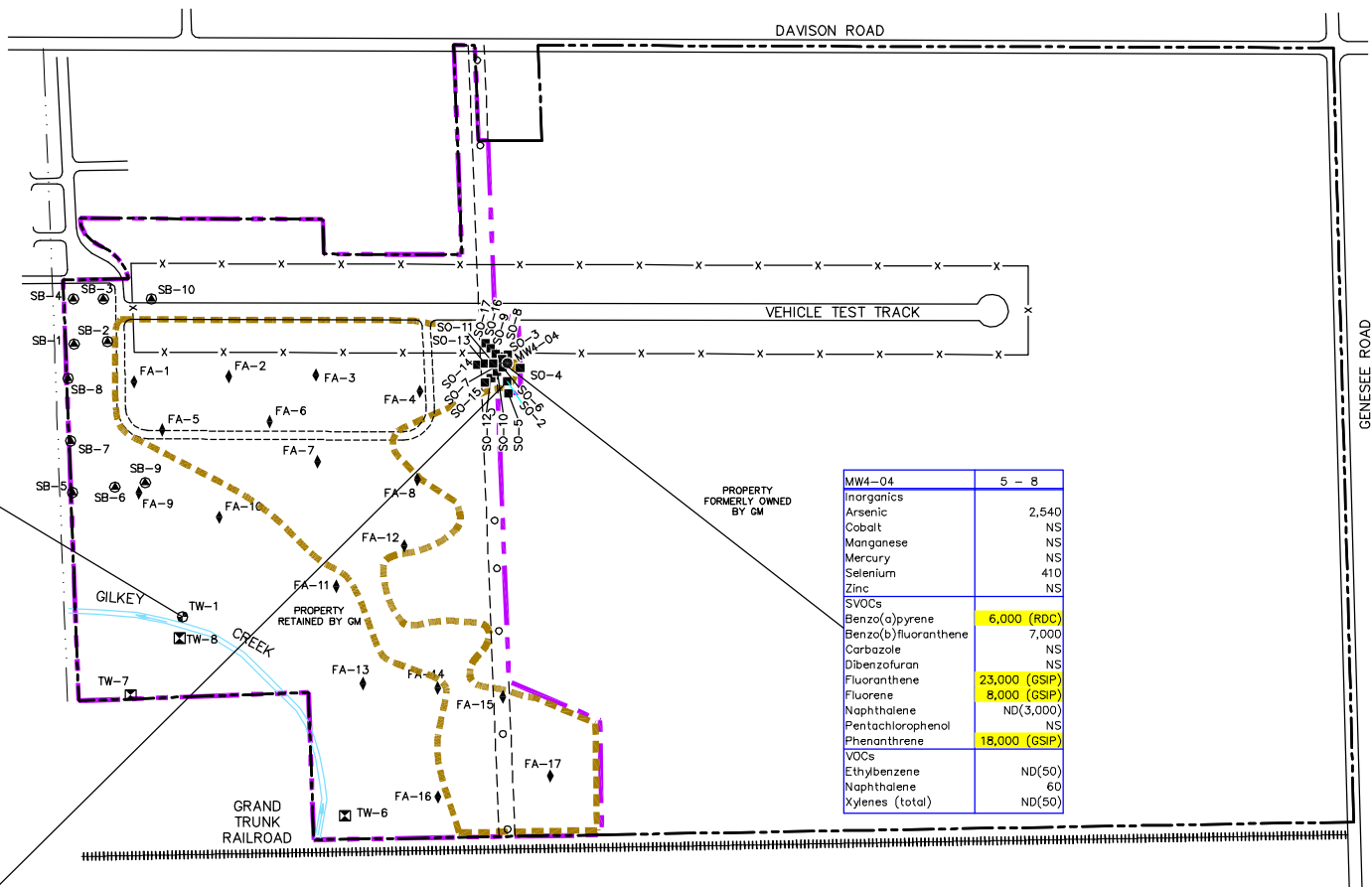
1. 2003/2004 SAMPLING LOCATIONS COMPLETED BY BBL WERE SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC.; HOWEVER, ALL LOCATIONS ILLUSTRATED ARE APPROXIMATE.
2. BASE MAP PROVIDED BY GM.
3. ALL CONCENTRATIONS ARE PRESENTED IN MICROGRAMS PER KILOGRAM (ug/kg).
4. ONLY 2003/2004 DATA ARE PRESENTED.



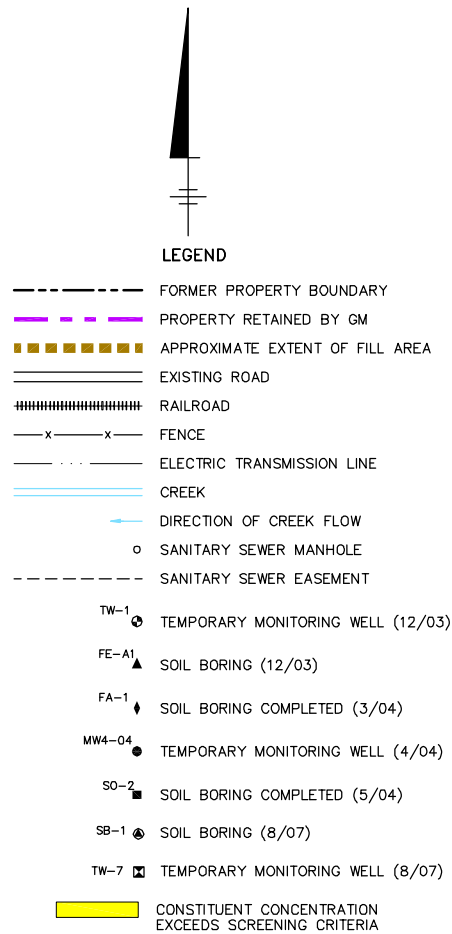
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PROJECT NAME: LAYOUT: SOIL ANALYTICAL DATA MAP PAGES: 1UP, 1 OF 1
XREFS: IMAGES:

TW-1	0 - 2	5.5 - 7.5
Inorganics		
Arsenic	7,900 (RDC)/8,250 (RDC)	1,810
Cobalt	2,600/2,720	1,600
Manganese	149,000/287,000	46,600
Mercury	110/110	ND(100)
Selenium	560 (GSIP)/730 (GSIP)	ND(200)
Zinc	28,300/30,900	7,100
SVOCs		
Benzo(a)pyrene	ND(330)/ND(330)	ND(330)
Benzo(b)fluoranthene	ND(330)/ND(330)	ND(330)
Carbazole	ND(330)/ND(330)	ND(330)
Dibenzofuran	ND(330)/ND(330)	ND(330)
Fluoranthene	10/10	ND(330)
Fluorene	ND(330)/ND(330)	ND(330)
Naphthalene	ND(330)/ND(330)	ND(330)
Pentachlorophenol	ND(700)/ND(700)	ND(700)
Phenanthrene	ND(330)/ND(330)	ND(330)
VOCs		
Ethylbenzene	20/20	20
Naphthalene	NS/NS	NS
Xylenes (total)	ND(70)/ND(70)	ND(60)

SO2	6 - 8
Inorganics	
Arsenic	1,810
Cobalt	NS
Manganese	NS
Mercury	NS
Selenium	390
Zinc	NS
SVOCs	
Benzo(a)pyrene	10,700 (IDC,RDC)
Benzo(b)fluoranthene	13,900
Carbazole	NS
Dibenzofuran	NS
Fluoranthene	28,000 (GSIP)
Fluorene	1,900
Naphthalene	900 (GSIP)
Pentachlorophenol	NS
Phenanthrene	18,200 (GSIP)
VOCs	
Ethylbenzene	ND(50)
Naphthalene	ND(50)
Xylenes (total)	ND(50)



MW4-04	5 - 8
Inorganics	
Arsenic	2,540
Cobalt	NS
Manganese	NS
Mercury	NS
Selenium	410
Zinc	NS
SVOCs	
Benzo(a)pyrene	6,000 (RDC)
Benzo(b)fluoranthene	7,000
Carbazole	NS
Dibenzofuran	NS
Fluoranthene	23,000 (GSIP)
Fluorene	8,000 (GSIP)
Naphthalene	ND(3,000)
Pentachlorophenol	NS
Phenanthrene	18,000 (GSIP)
VOCs	
Ethylbenzene	ND(50)
Naphthalene	60
Xylenes (total)	ND(50)

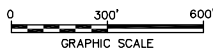


MICHIGAN PART 201 GENERIC SCREENING CRITERIA FOR SOILS

- RDC - RESIDENTIAL DIRECT CONTACT
- IDC - INDUSTRIAL DIRECT CONTACT
- RDWP - RESIDENTIAL DRINKING WATER PROTECTION
- IDWP - INDUSTRIAL DRINKING WATER PROTECTION
- GSIP - GROUNDWATER-SURFACE WATER INTERFACE PROTECTION
- C4DC - COMMERCIAL IV DIRECT CONTACT

NOTES:

- 2003/2004 SAMPLING LOCATIONS COMPLETED BY BBL WERE SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC.; HOWEVER, ALL LOCATIONS ILLUSTRATED ARE APPROXIMATE.
- THE MW4-04 STEPOUT LOCATIONS (MW4-04S01 THROUGH MW4-04S017) ARE PLOTTED USING AN ABBREVIATED LOCATION NAME (SO-1 THROUGH SO-17) DUE TO SPACE LIMITATIONS.
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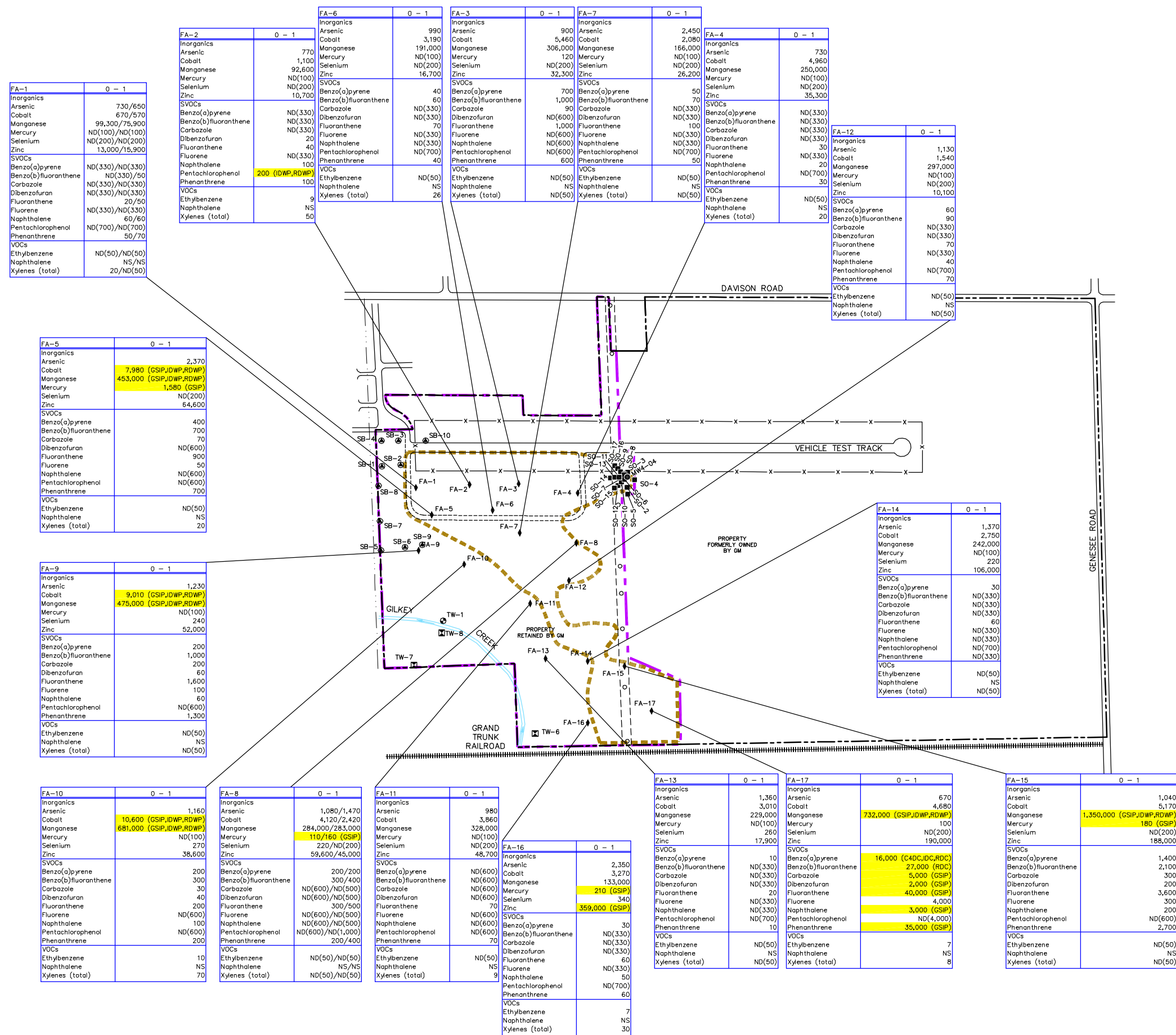


FLINT DELPHI EAST
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST FINAL SITE REPORT

SOIL ANALYTICAL DATA MAP



BRI-85-PFS ADF LAYER: ON=*, OFF=REF*
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PROJECT NAME: IMAGES:



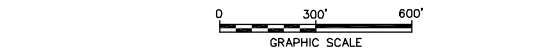
LEGEND

- FORMER PROPERTY BOUNDARY
- PROPERTY RETAINED BY GM
- APPROXIMATE EXTENT OF FILL AREA
- EXISTING ROAD
- RAILROAD
- FENCE
- ELECTRIC TRANSMISSION LINE
- CREEK
- DIRECTION OF CREEK FLOW
- SANITARY SEWER MANHOLE
- SANITARY SEWER EASEMENT
- TEMPORARY MONITORING WELL (12/03)
- SOIL BORING (12/03)
- SOIL BORING COMPLETED (3/04)
- TEMPORARY MONITORING WELL (4/04)
- SOIL BORING COMPLETED (5/04)
- SOIL BORING (8/07)
- TEMPORARY MONITORING WELL (8/07)
- CONSTITUENT CONCENTRATION EXCEEDS SCREENING CRITERIA

MICHIGAN PART 201 GENERIC SCREENING CRITERIA FOR SOILS

RDC - RESIDENTIAL DIRECT CONTACT
IDC - INDUSTRIAL DIRECT CONTACT
RDWP - RESIDENTIAL DRINKING WATER PROTECTION
IDWP - INDUSTRIAL DRINKING WATER PROTECTION
GSIP - GROUNDWATER-SURFACE WATER INTERFACE PROTECTION
C4DC - COMMERCIAL IV DIRECT CONTACT

- NOTES:**
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 - BASE MAP PROVIDED BY GM.
 - ALL CONCENTRATIONS ARE PRESENTED IN MICROGRAMS PER KILOGRAM (ug/kg).
 - ONLY 2003/2004 DATA ARE PRESENTED.



**FLINT DELPHI EAST
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST FINAL SITE REPORT**

SOIL ANALYTICAL DATA MAP

MW4-04S017	0 - 2	8 - 10	11 - 13
Inorganics			
Arsenic	1,210	790	800
Cobalt	2,440	1,190	1,150
Manganese	162,000	114,000	111,000
Mercury	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)
Zinc	11,100	4,500	5,300
SVOCs			
Benzo(a)pyrene	ND(330)	ND(330)	ND(330)
Benzo(b)fluoranthene	ND(330)	ND(330)	ND(330)
Carbazole	ND(330)	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)	ND(330)
Fluoranthene	ND(330)	ND(330)	ND(330)
Fluorene	ND(330)	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)
Phenanthrene	ND(330)	ND(330)	ND(330)
VOCs			
Ethylbenzene	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)

MW4-04S08	0 - 2	8 - 10	10 - 11
Inorganics			
Arsenic	2,600	2,270	3,260/3,580
Cobalt	2,520	1,950	2,250/2,410
Manganese	562,000 (GSP, IDWP, RDWP)	95,000	271,000/320,000
Mercury	ND(100)	ND(100)	ND(100)/ND(100)
Selenium	ND(200)	ND(200)	ND(200)/300
Zinc	39,700	25,600	20,100/26,900
SVOCs			
Benzo(a)pyrene	ND(600)	ND(330)	ND(1,000)/ND(330)
Benzo(b)fluoranthene	700	ND(330)	ND(1,000)/ND(330)
Carbazole	ND(600)	ND(330)	ND(1,000)/ND(330)
Dibenzofuran	ND(600)	ND(330)	ND(1,000)/ND(330)
Fluoranthene	1,000	ND(330)	ND(1,000)/ND(330)
Fluorene	ND(600)	ND(330)	ND(1,000)/ND(330)
Naphthalene	ND(600)	ND(330)	ND(1,000)/ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)/ND(700)
Phenanthrene	ND(600)	ND(330)	ND(1,000)/ND(330)
VOCs			
Ethylbenzene	ND(50)	ND(50)	ND(50)/ND(50)
Naphthalene	NS	NS	NS/NS
Xylenes (total)	ND(50)	ND(50)	ND(50)/ND(50)

MW4-04S03	0 - 2	8 - 10
Inorganics		
Arsenic	660	860
Cobalt	1,510	720
Manganese	550,000 (GSP, IDWP, RDWP)	91,900
Mercury	ND(100)	ND(100)
Selenium	ND(200)	ND(200)
Zinc	41,000	4,100
SVOCs		
Benzo(a)pyrene	ND(330)	ND(330)
Benzo(b)fluoranthene	ND(330)	ND(330)
Carbazole	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)
Fluoranthene	ND(330)	ND(330)
Fluorene	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)
Phenanthrene	ND(330)	ND(330)
VOCs		
Ethylbenzene	ND(50)	ND(50)
Naphthalene	NS	NS
Xylenes (total)	ND(50)	ND(50)

MW4-04S07	0 - 2	8 - 10	10 - 12
Inorganics			
Arsenic	2,420	2,010	2,250
Cobalt	2,580	1,980	2,610
Manganese	393,000	197,000	189,000
Mercury	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	210	ND(200)
Zinc	41,000	33,200	24,700
SVOCs			
Benzo(a)pyrene	730	ND(3,000)	ND(2,000)
Benzo(b)fluoranthene	1,110	ND(3,000)	ND(2,000)
Carbazole	ND(330)	ND(3,000)	ND(2,000)
Dibenzofuran	ND(330)	ND(3,000)	ND(2,000)
Fluoranthene	1,710	3,000	ND(2,000)
Fluorene	ND(330)	ND(3,000)	ND(2,000)
Naphthalene	ND(330)	ND(3,000)	ND(2,000)
Pentachlorophenol	ND(700)	ND(3,000)	ND(2,000)
Phenanthrene	1,030	ND(3,000)	ND(2,000)
VOCs			
Ethylbenzene	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)

MW4-04S09	0 - 2	8 - 10
Inorganics		
Arsenic	2,700	660
Cobalt	2,800	900
Manganese	570,000 (GSP, IDWP, RDWP)	91,200
Mercury	ND(100)	ND(100)
Selenium	ND(200)	ND(200)
Zinc	38,900	4,300
SVOCs		
Benzo(a)pyrene	430	ND(330)
Benzo(b)fluoranthene	670	ND(330)
Carbazole	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)
Fluoranthene	950	ND(330)
Fluorene	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)
Phenanthrene	500	ND(330)
VOCs		
Ethylbenzene	ND(50)	ND(50)
Naphthalene	NS	NS
Xylenes (total)	ND(50)	ND(50)

MW4-04S014	0 - 2	8 - 10	10 - 12
Inorganics			
Arsenic	2,050	560	840
Cobalt	2,890	1,130	980
Manganese	281,000	101,000	95,000
Mercury	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)
Zinc	43,200	3,600	5,700
SVOCs			
Benzo(a)pyrene	450	ND(330)	ND(330)
Benzo(b)fluoranthene	820	ND(330)	ND(330)
Carbazole	ND(330)	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)	ND(330)
Fluoranthene	890	ND(330)	ND(330)
Fluorene	ND(330)	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)
Phenanthrene	410	ND(330)	ND(330)
VOCs			
Ethylbenzene	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)

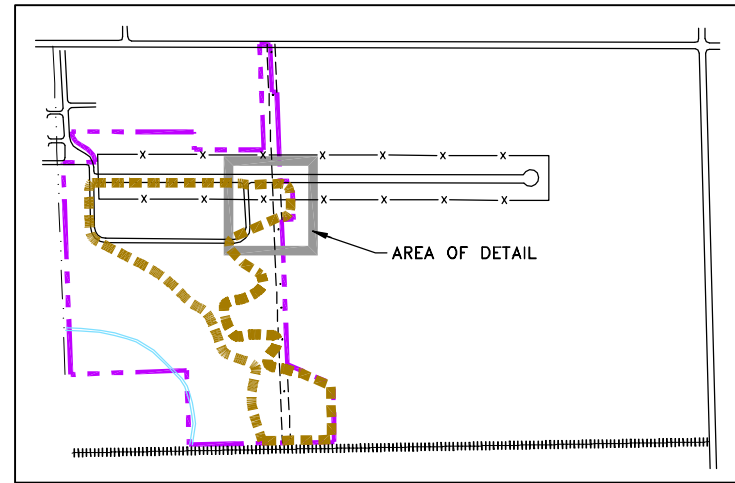
MW4-04S015	0 - 2	5 - 7	8 - 10	10 - 12
Inorganics				
Arsenic	1,900	840	1,240	1,320
Cobalt	2,850	1,490	1,460	1,000
Manganese	308,000	132,000	177,000	98,000
Mercury	ND(100)	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)	220
Zinc	81,500	4,100	4,900	11,400
SVOCs				
Benzo(a)pyrene	370	ND(330)	ND(330)	ND(330)
Benzo(b)fluoranthene	570	ND(330)	ND(330)	ND(330)
Carbazole	ND(330)	ND(330)	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)	ND(330)	ND(330)
Fluoranthene	760	ND(330)	ND(330)	ND(330)
Fluorene	ND(330)	ND(330)	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)	ND(700)
Phenanthrene	600	ND(330)	ND(330)	ND(330)
VOCs				
Ethylbenzene	ND(50)	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)	ND(50)

MW4-04S012	0 - 2	7 - 8	8 - 10	10 - 11
Inorganics				
Arsenic	1,640	880	1,010	1,040/1,200
Cobalt	2,710	1,410	1,530	1,400/1,600
Manganese	339,000	146,000	143,000	132,000/147,000
Mercury	ND(100)	ND(100)	ND(100)	ND(100)/ND(100)
Selenium	ND(200)	ND(200)	ND(200)	ND(200)/ND(200)
Zinc	56,100	5,600	5,500	5,700/10,800
SVOCs				
Benzo(a)pyrene	620	ND(330)	ND(330)	ND(330)/ND(330)
Benzo(b)fluoranthene	1,040	ND(330)	ND(330)	ND(330)/ND(330)
Carbazole	ND(330)	ND(330)	ND(330)	ND(330)/ND(330)
Dibenzofuran	ND(330)	ND(330)	ND(330)	ND(330)/ND(330)
Fluoranthene	1,300	ND(330)	ND(330)	ND(330)/ND(330)
Fluorene	ND(330)	ND(330)	ND(330)	ND(330)/ND(330)
Naphthalene	ND(330)	ND(330)	ND(330)	ND(330)/ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)	ND(700)/ND(700)
Phenanthrene	740	ND(330)	ND(330)	ND(330)/ND(330)
VOCs				
Ethylbenzene	ND(50)	ND(50)	ND(50)	ND(50)/ND(50)
Naphthalene	NS	NS	NS	NS/NS
Xylenes (total)	ND(50)	ND(50)	ND(50)	ND(50)/ND(50)

MW4-04S05	0 - 2	8 - 10	11 - 13
Inorganics			
Arsenic	580	470	1,110
Cobalt	1,940	1,020	2,150
Manganese	61,300	95,500	148,000
Mercury	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)
Zinc	7,700	2,500	8,000
SVOCs			
Benzo(a)pyrene	ND(330)	ND(330)	ND(330)
Benzo(b)fluoranthene	ND(330)	ND(330)	ND(330)
Carbazole	ND(330)	ND(330)	ND(330)
Dibenzofuran	ND(330)	ND(330)	ND(330)
Fluoranthene	ND(330)	ND(330)	ND(330)
Fluorene	ND(330)	ND(330)	ND(330)
Naphthalene	ND(330)	ND(330)	ND(330)
Pentachlorophenol	ND(700)	ND(700)	ND(700)
Phenanthrene	ND(330)	ND(330)	ND(330)
VOCs			
Ethylbenzene	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)

MW4-04S06	0 - 2	8 - 10	10 - 11
Inorganics			
Arsenic	2,200	2,390	5,230
Cobalt	2,990	2,450	2,790
Manganese	329,000	237,000	357,000
Mercury	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)
Zinc	116,000	23,900	27,500
SVOCs			
Benzo(a)pyrene	640	ND(7,000)	ND(330)
Benzo(b)fluoranthene	990	ND(7,000)	ND(330)
Carbazole	ND(330)	ND(7,000)	ND(330)
Dibenzofuran	ND(330)	ND(7,000)	ND(330)
Fluoranthene	1,370	ND(7,000)	ND(330)
Fluorene	ND(330)	ND(7,000)	ND(330)
Naphthalene	ND(330)	ND(7,000)	ND(330)
Pentachlorophenol	ND(700)	ND(7,000)	ND(700)
Phenanthrene	720	ND(7,000)	ND(330)
VOCs			
Ethylbenzene	ND(50)	250	410 (GSP)
Naphthalene	NS	NS	NS
Xylenes (total)	ND(50)	1,570 (GSP)	2,350 (GSP)

MW4-04S010	0 - 2	7 - 8	8 - 10	10 - 11
Inorganics				
Arsenic	1,320	920	1,710	1,960
Cobalt	2,180	1,040	1,050	1,630
Manganese	340,000	72,300	115,000	178,000
Mercury	ND(100)	ND(100)	ND(100)	ND(100)
Selenium	ND(200)	ND(200)	ND(200)	ND(200)
Zinc	57,100	4,300	4,800	17,100
SVOCs				
Benzo(a)pyrene	2,570 (RDC)	ND(330)	ND(330)	ND(400)
Benzo(b)fluoranthene	4,370	ND(330)	ND(330)	ND(400)
Carbazole	ND(330)	ND(330)	ND(330)	ND(400)
Dibenzofuran	ND(330)	ND(330)	ND(330)	ND(400)
Fluoranthene	7,650 (GSP)	ND(330)	ND(330)	ND(400)
Fluorene	ND(330)	ND(330)	ND(330)	ND(400)
Naphthalene	ND(330)	ND(330)	ND(330)	ND(400)
Pentachlorophenol	ND(700)	ND(700)	ND(700)	ND(700)
Phenanthrene	1,600	ND(330)	ND(330)	ND(400)
VOCs				
Ethylbenzene	ND(50)	ND(50)	ND(50)	ND(50)
Naphthalene	NS	NS	NS	NS
Xylenes (total)	ND(50)	ND(50)	ND(50)	ND(50)



NOT TO SCALE

LEGEND:

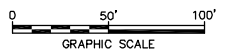
- PROPERTY RETAINED BY GM
- APPROXIMATE EXTENT OF FILL AREA
- ROAD
- FENCE
- SANITARY SEWER MANHOLE
- APPROXIMATE LOCATION OF SANITARY SEWER EASEMENT
- MW4-04S05 SOIL BORING (5/04)
- MW4-04 TEMPORARY MONITORING WELL (4/04)
- CONSTITUENT CONCENTRATION EXCEEDS SCREENING CRITERIA

MICHIGAN PART 201 GENERIC SCREENING CRITERIA FOR SOILS

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- IDWP - INDUSTRIAL DRINKING WATER PROTECTION
- GSIP - GROUNDWATER-SURFACE WATER INTERFACE PROTECTION
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NOTES:

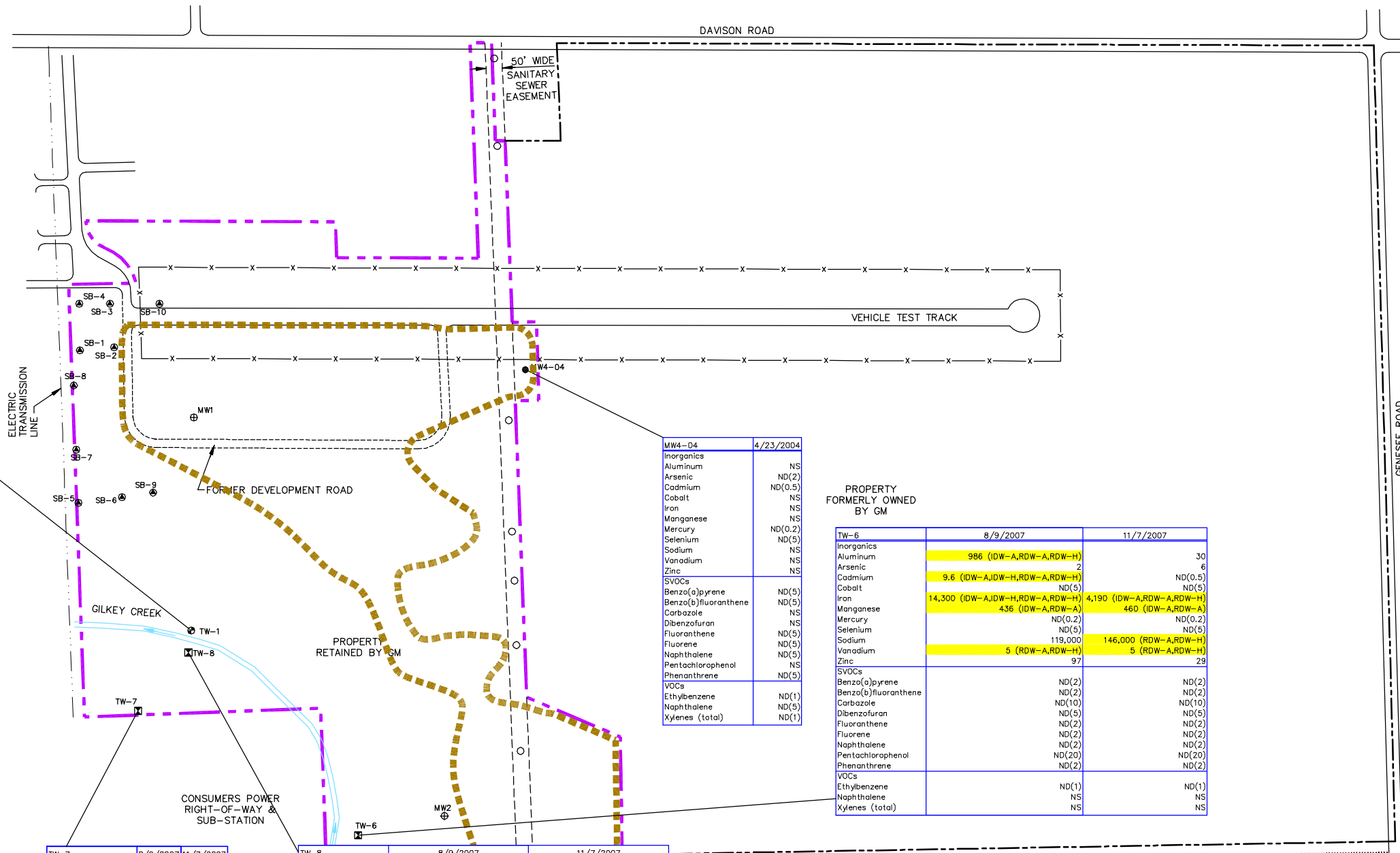
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GENERAL MOTORS CORPORATION
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST FINAL SITE REPORT

SOIL ANALYTICAL DATA MAP

TW-1	12/29/2003
Inorganics	NS
Aluminum	5
Arsenic	ND(0.5)
Cadmium	ND(10)
Cobalt	NS
Iron	NS
Manganese	1,200 (IDW-A, RDW-A, RDW-H)
Mercury	ND(0.1)
Selenium	ND(5)
Sodium	NS
Vanadium	ND(5)
Zinc	ND(10)
Inorganics-Filtered	
Arsenic	4
Cadmium	ND(0.5)
Cobalt	ND(10)
Manganese	1,200 (IDW-A, RDW-A, RDW-H)
Mercury	ND(0.1)
Selenium	ND(5)
Sodium	ND(5)
Vanadium	ND(5)
Zinc	ND(10)
SVOCs	
Benzo(a)pyrene	ND(5)
Benzo(b)fluoranthene	ND(5)
Carbazole	ND(10)
Dibenzofuran	ND(5)
Fluoranthene	ND(5)
Fluorene	ND(5)
Naphthalene	ND(5)
Pentachlorophenol	ND(20)
Phenanthrene	ND(5)
VOCs	
Ethylbenzene	ND(1)
Naphthalene	NS
Xylenes (total)	ND(1)



MW4-04	4/23/2004
Inorganics	NS
Aluminum	NS
Arsenic	ND(2)
Cadmium	ND(0.5)
Cobalt	NS
Iron	NS
Manganese	NS
Mercury	ND(0.2)
Selenium	ND(5)
Sodium	NS
Vanadium	NS
Zinc	NS
SVOCs	
Benzo(a)pyrene	ND(5)
Benzo(b)fluoranthene	ND(5)
Carbazole	NS
Dibenzofuran	NS
Fluoranthene	ND(5)
Fluorene	ND(5)
Naphthalene	ND(5)
Pentachlorophenol	NS
Phenanthrene	ND(5)
VOCs	
Ethylbenzene	ND(1)
Naphthalene	ND(5)
Xylenes (total)	ND(1)

PROPERTY
FORMERLY OWNED
BY GM

TW-6	8/9/2007	11/7/2007
Inorganics		
Aluminum	986 (IDW-A, RDW-A, RDW-H)	30
Arsenic	2	6
Cadmium	9.6 (IDW-A, IDW-H, RDW-A, RDW-H)	ND(0.5)
Cobalt	ND(5)	ND(5)
Iron	14,300 (IDW-A, IDW-H, RDW-A, RDW-H)	4,190 (IDW-A, RDW-A, RDW-H)
Manganese	436 (IDW-A, RDW-A)	460 (IDW-A, RDW-A)
Mercury	ND(0.2)	ND(0.2)
Selenium	ND(5)	ND(5)
Sodium	119,000	146,000 (RDW-A, RDW-H)
Vanadium	5 (RDW-A, RDW-H)	5 (RDW-A, RDW-H)
Zinc	97	29
SVOCs		
Benzo(a)pyrene	ND(2)	ND(2)
Benzo(b)fluoranthene	ND(2)	ND(2)
Carbazole	ND(10)	ND(10)
Dibenzofuran	ND(5)	ND(5)
Fluoranthene	ND(2)	ND(2)
Fluorene	ND(2)	ND(2)
Naphthalene	ND(2)	ND(2)
Pentachlorophenol	ND(20)	ND(20)
Phenanthrene	ND(2)	ND(2)
VOCs		
Ethylbenzene	ND(1)	ND(1)
Naphthalene	NS	NS
Xylenes (total)	NS	NS

TW-7	8/9/2007	11/7/2007
Inorganics		
Aluminum	26	ND
Arsenic	ND(1)	ND(1)
Cadmium	ND(0.5)	ND(0.5)
Cobalt	ND(5)	ND(5)
Iron	150	190
Manganese	27	5
Mercury	ND(0.2)	ND(0.2)
Selenium	ND(5)	ND(5)
Sodium	2,810	2,940
Vanadium	ND(4)	ND(4)
Zinc	18	8
SVOCs		
Benzo(a)pyrene	ND(2)	ND(2)
Benzo(b)fluoranthene	ND(2)	ND(2)
Carbazole	ND(10)	ND(10)
Dibenzofuran	ND(5)	ND(5)
Fluoranthene	ND(2)	ND(2)
Fluorene	ND(2)	ND(2)
Naphthalene	ND(2)	ND(2)
Pentachlorophenol	ND(20)	ND(20)
Phenanthrene	ND(2)	ND(2)
VOCs		
Ethylbenzene	ND(1)	ND(1)
Naphthalene	NS	NS
Xylenes (total)	NS	NS

TW-8	8/9/2007	11/7/2007
Inorganics		
Aluminum	ND(5)	15
Arsenic	17 (IDW-A, IDW-H, RDW-A, RDW-H)	16 (IDW-A, IDW-H, RDW-A, RDW-H)
Cadmium	ND(0.5)	ND(0.5)
Cobalt	ND(5)	ND(5)
Iron	1,510 (IDW-A, RDW-A)	1,510 (IDW-A, RDW-A)
Manganese	182 (IDW-A, RDW-A)	161 (IDW-A, RDW-A)
Mercury	ND(0.2)	ND(0.2)
Selenium	ND(5)	ND(5)
Sodium	7,980	8,350
Vanadium	ND(4)	ND(4)
Zinc	ND(5)	76
SVOCs		
Benzo(a)pyrene	ND(2)	ND(2)
Benzo(b)fluoranthene	ND(2)	ND(2)
Carbazole	ND(10)	ND(10)
Dibenzofuran	ND(5)	ND(5)
Fluoranthene	ND(2)	ND(2)
Fluorene	ND(2)	ND(2)
Naphthalene	ND(2)	ND(2)
Pentachlorophenol	ND(20)	ND(20)
Phenanthrene	ND(2)	ND(2)
VOCs		
Ethylbenzene	ND(1)	ND(1)
Naphthalene	NS	NS
Xylenes (total)	NS	NS

LEGEND

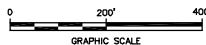
- FORMER PROPERTY BOUNDARY
- PROPERTY RETAINED BY GM
- APPROXIMATE EXTENT OF FILL AREA
- EXISTING ROAD
- RAILROAD
- FENCE
- ELECTRIC TRANSMISSION LINE
- CREEK
- DIRECTION OF CREEK FLOW
- SANITARY SEWER MANHOLE
- SANITARY SEWER EASEMENT
- HISTORICAL OBSERVATION WELL (5/96)
- TEMPORARY MONITORING WELL (12/03)
- TEMPORARY MONITORING WELL (4/04)
- TEMPORARY MONITORING WELL (8/07)
- SOIL BORING (8/07)
- CONSTITUENT CONCENTRATION EXCEEDS SCREENING CRITERIA

MICHIGAN PART 201 GENERIC SCREENING CRITERIA FOR GROUNDWATER

- RDW-A - RESIDENTIAL DRINKING WATER-AESTHETIC
- RDW-H - RESIDENTIAL DRINKING WATER-HEALTH
- IDW-A - INDUSTRIAL DRINKING WATER-AESTHETIC
- IDW-H - INDUSTRIAL DRINKING WATER-HEALTH

NOTES:

- 2003/2004 SAMPLING LOCATIONS COMPLETED BY BBL WERE SURVEYED BY BMJ ENGINEERS & SURVEYORS, INC; HOWEVER, ALL LOCATIONS ILLUSTRATED ARE APPROXIMATE.
- BASE MAP PROVIDED BY GM.
- ALL CONCENTRATIONS ARE PRESENTED IN MICROGRAMS PER LITER (ug/L).
- ONLY 2003/2004/2007 DATA ARE PRESENTED.



FLINT DELPHI EAST
BURTON, MICHIGAN
BURTON 56 PROPERTY
FLINT DELPHI EAST FINAL SITE REPORT
GROUNDWATER ANALYTICAL DATA
MAP



FIGURE

7

Attachment 1

Analytical Data Summaries

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	TW-1 0 - 2 12/11/03	TW-1 5.5 - 7.5 12/11/03	FA-1 0 - 1 03/03/04	FA-2 0 - 1 03/03/04	FA-3 0 - 1 03/03/04	FA-4 0 - 1 03/03/04	FA-5 0 - 1 03/03/04	FA-6 0 - 1 03/03/04	FA-7 0 - 1 03/03/04	FA-8 0 - 1 03/03/04
Inorganics											
Antimony	ug/kg	500 U [500 U]	500 U	500 U [500 U]	500 U	500 U	500 U	900	500 U	500 U	500 U [500 U]
Arsenic	ug/kg	7,900 (RDC) [8,250 (RDC)]	1,810	730 [650]	770	900	730	2,370	990	2,450	1,080 [1,470]
Barium	ug/kg	69,900 [71,300]	10,100	8,000 [7,500]	9,400	34,000	39,900	62,300	28,800	36,700	61,400 [44,200]
Beryllium	ug/kg	360 [360]	100 U	100 U [100 U]	100	320	390	450	200	240	270 [220]
Cadmium	ug/kg	370 [450]	50.0 U	70.0 [70.0]	60.0	160	140	420	140	330	320 [250]
Chromium III	ug/kg	5,830 [5,950]	1,930	9,810 [6,960]	8,660	10,900	16,500	29,400	3,670	3,880	36,900 [13,000]
Cobalt	ug/kg	2,600 [2,720]	1,600	670 [570]	1,100	5,460	4,960	7,980 (GSIP,IDWP,RDWP)	3,190	2,080	4,120 [2,420]
Copper	ug/kg	14,200 [14,100]	3,600	5,190 [5,020]	9,470	6,230	9,220	35,700	4,280	7,790	15,100 [8,730]
Lead	ug/kg	19,400 [20,100]	2,200	11,600 [12,900]	6,140	9,290	17,500	56,500	10,700	20,400	31,200 [32,800]
Manganese	ug/kg	149,000 [287,000]	46,600	99,300 [75,900]	92,600	306,000	250,000	453,000 (GSIP,IDWP,RDWP)	191,000	166,000	284,000 [283,000]
Mercury	ug/kg	110 [110]	100 U	100 U [100 U]	100 U	120	100 U	1,580 (GSIP)	100 U	100 U	110 [160 (GSIP)]
Nickel	ug/kg	5,940 [6,180]	2,480	5,460 [4,140]	7,330	14,000	14,000	23,700	3,330	4,300	15,000 [7,530]
Selenium	ug/kg	560 (GSIP) [730 (GSIP)]	200 U	200 U [200 U]	200 U	200 U	200 U	200 U	200 U	200 U	220 [200 U]
Silver	ug/kg	200 U [200 U]	200 U	200 U [200 U]	200 U	200 U	200 U	200 U	200 U	200 U	200 U [200 U]
Thallium	ug/kg	100 U [100 U]	100 U	100 U [100 U]	100 U	100 U	100 U	130	100 U	100 U	100 U [100 U]
Vanadium	ug/kg	13,700 [14,100]	2,720	5,440 [3,200]	3,340	10,700	11,600	14,200	5,120	6,570	7,230 [4,590]
Zinc	ug/kg	28,300 [30,900]	7,100	13,000 [15,900]	10,700	32,300	35,300	64,600	16,700	26,200	59,600 [45,000]
Volatile Organics											
1,1,1-Trichloroethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,1,2,2-Tetrachloroethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,1,2-trichloro-1,2,2-trifluoroethane	ug/kg	100 U [100 U]	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]
1,1,2-Trichloroethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,1-Dichloroethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,1-Dichloroethene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,2,4-Trichlorobenzene	ug/kg	30 [100 U]	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	30	100 U	100 U [100 U]
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,2-Dibromoethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,2-Dichlorobenzene	ug/kg	70 U [70 U]	60 U	20 [20]	20	20	20	20	30	20	20 [20]
1,2-Dichloroethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,2-Dichloropropane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	70 U [70 U]	60 U	20 [10]	20	10	20	20	20	10	10 [10]
1,4-Dichlorobenzene	ug/kg	20 [70 U]	60 U	20 [20]	20	20	20	30	30	20	20 [20]
2-Butanone	ug/kg	1,000 U [1,000 U]	900 U	400 [400]	300	300	400	400	400	800 U	800 U [400]
2-Hexanone	ug/kg	3,000 U [3,000 U]	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]
4-Methyl-2-pentanone	ug/kg	3,000 U [3,000 U]	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]
Acetone	ug/kg	2,800 [1,000 U]	900 U	800 U [800 U]	800 U	800 U	800 U	800 U	800 U	800 U	800 U [800 U]
Benzene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Bromodichloromethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Bromoform	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Bromomethane	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]
Carbon Disulfide	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]
Carbon Tetrachloride	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Chlorobenzene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Chloroethane	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]
Chloroform	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Chloromethane	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]
cis-1,2-Dichloroethene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
cis-1,3-Dichloropropene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Cyclohexane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Dibromochloromethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Dichlorodifluoromethane	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Ethylbenzene	ug/kg	20 [20]	20	50 U [50 U]	9.0	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Isopropylbenzene	ug/kg	70 U [70 U]	60 U	7.0 [7.0]	9.0	50 U	8.0	8.0	10	9.0	9.0 [8.0]
Methyl Acetate	ug/kg	3,000 U [3,000 U]	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]
Methyl cyclohexane	ug/kg	70 U [70 U]	60 U	20 [10]	40	50 U	50 U	50 U	50 U	50 U	50 U [50 U]

Notes:

NA- Not Analyzed

Shading indicates an exceedance of at least one criteria.

Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.

Data not validated.

U - Constituent not detected.

[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	TW-1 0 - 2 12/11/03	TW-1 5.5 - 7.5 12/11/03	FA-1 0 - 1 03/03/04	FA-2 0 - 1 03/03/04	FA-3 0 - 1 03/03/04	FA-4 0 - 1 03/03/04	FA-5 0 - 1 03/03/04	FA-6 0 - 1 03/03/04	FA-7 0 - 1 03/03/04	FA-8 0 - 1 03/03/04
Methyl tert-butyl ether	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]
Methylene Chloride	ug/kg	300 U [300 U]	300 U	300 U [300 U]	300 U	300 U	10	300 U	300 U	300 U	300 U [300 U]
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	20	50 U	50 U	50 U	6.0	50 U	50 U [50 U]
p,m-Xylene	ug/kg	70 U [70 U]	60 U	20 [50 U]	30	50 U	20	20	20	50 U	50 U [50 U]
p-Isopropyltoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
tert-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Toluene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	20	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
trans-1,2-Dichloroethene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
trans-1,3-Dichloropropene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Trichloroethene	ug/kg	70 U [70 U]	60 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]
Trichlorofluoromethane	ug/kg	100 U [100 U]	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]
Vinyl Chloride	ug/kg	100 U [100 U]	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]
Xylenes (total)	ug/kg	70 U [70 U]	60 U	20 [50 U]	50	50 U	20	20	26	50 U	50 U [50 U]
Semivolatile Organics											
1,1'-Biphenyl	ug/kg	330 U [330 U]	330 U	20 [20]	30	600 U	9.0	600 U	330 U	330 U	600 U [500 U]
2,4,5-Trichlorophenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2,4,6-Trichlorophenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2,4-Dichlorophenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2,4-Dimethylphenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2,4-Dinitrophenol	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
2,4-Dinitrotoluene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2,6-Dinitrotoluene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2-Chloronaphthalene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2-Chlorophenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2-Methylnaphthalene	ug/kg	330 U [330 U]	330 U	70 [60]	100	600 U	20	100	330 U	330 U	90 [100]
2-Methylphenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
2-Nitroaniline	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
2-Nitrophenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
3,3'-Dichlorobenzidine	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
3-Nitroaniline	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
4,6-Dinitro-2-methylpheno	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
4-Bromophenyl-phenylethe	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
4-Chloro-3-Methylphenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
4-Chloroaniline	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
4-Chlorophenyl-phenylethe	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
4-Methylphenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
4-Nitroaniline	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
4-Nitrophenol	ug/kg	700 U [700 U]	700 U	700 U [700 U]	700 U	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
Acenaphthene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	50	330 U	330 U	600 U [500 U]
Acenaphthylene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	TW-1 0 - 2 12/11/03	TW-1 5.5 - 7.5 12/11/03	FA-1 0 - 1 03/03/04	FA-2 0 - 1 03/03/04	FA-3 0 - 1 03/03/04	FA-4 0 - 1 03/03/04	FA-5 0 - 1 03/03/04	FA-6 0 - 1 03/03/04	FA-7 0 - 1 03/03/04	FA-8 0 - 1 03/03/04
Acetophenone	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Anthracene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	100	330 U	100	330 U	330 U	600 U [40]
Atrazine	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Benzaldehyde	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Benzo(a)anthracene	ug/kg	8.0 [9.0]	330 U	10 [20]	20	700	20	400	30	40	100 [200]
Benzo(a)pyrene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	700	330 U	400	40	50	200 [200]
Benzo(b)fluoranthene	ug/kg	330 U [330 U]	330 U	330 U [50]	330 U	1,000	330 U	700	60	70	300 [400]
Benzo(g,h,i)perylene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	100	330 U	100	330 U	330 U	600 U [500 U]
Benzo(k)fluoranthene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	300	330 U	200	330 U	330 U	600 U [200]
bis(2-Chloroethoxy)methane	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
bis(2-Chloroethyl)ether	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
bis(2-Chloroisopropyl)ether	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
bis(2-Ethylhexyl)phthalate	ug/kg	330 U [30]	330 U	40 [30]	30	600 U	30	12,000	40	40	80 [70]
Butylbenzylphthalate	ug/kg	330 U [330 U]	330 U	30 [20]	330 U	600 U	200	200	330 U	330 U	1,700 [1,400]
Caprolactam	ug/kg	330 U [330 U]	330 U	100 [100]	330 U	600 U	100	600 U	330 U	330 U	600 U [500 U]
Carbazole	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	90	330 U	70	330 U	330 U	600 U [500 U]
Chrysene	ug/kg	330 U [330 U]	330 U	20 [30]	20	800	20	400	30	40	200 [200]
Dibenzo(a,h)anthracene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Dibenzofuran	ug/kg	330 U [330 U]	330 U	330 U [330 U]	20	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Diethylphthalate	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Dimethylphthalate	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Di-n-Butylphthalate	ug/kg	30 [20]	20	50 [50]	50	100	70	200	60	40	70 [80]
Di-n-Octylphthalate	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	300	330 U	330 U	600 U [500 U]
Fluoranthene	ug/kg	10 [10]	330 U	20 [50]	40	1,000	30	900	70	100	300 [500]
Fluorene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	50	330 U	330 U	600 U [500 U]
Hexachlorobenzene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Hexachlorobutadiene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Hexachlorocyclopentadiene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Hexachloroethane	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Indeno(1,2,3-cd)pyrene	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Isophorone	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
Naphthalene	ug/kg	330 U [330 U]	330 U	60 [60]	100	600 U	20	600 U	330 U	330 U	600 U [500 U]
Nitrobenzene	ug/kg	200 U [200 U]	200 U	200 U [200 U]	200 U	600 U	200 U	600 U	200 U	200 U	600 U [500 U]
N-Nitroso-di-n-propylamine	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
N-Nitrosodiphenylamine	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [30]
Pentachlorophenol	ug/kg	700 U [700 U]	700 U	700 U [700 U]	200 (IDWP,RDWP)	600 U	700 U	600 U	700 U	700 U	600 U [1,000 U]
Phenanthrene	ug/kg	330 U [330 U]	330 U	50 [70]	100	600	30	700	40	50	200 [400]
Phenol	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	700	330 U	330 U	900 [900]
Pyrene	ug/kg	330 U [330 U]	330 U	30 [50]	50	900	30	800	60	70	400 [500]
Total Methylphenols	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	600 U	330 U	600 U	330 U	330 U	600 U [500 U]
PCBs											
Aroclor-1016	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U [330 U]
Aroclor-1221	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U [330 U]
Aroclor-1232	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U [330 U]
Aroclor-1242	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U [330 U]
Aroclor-1248	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U [330 U]
Aroclor-1254	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	40	330 U	330 U	330 U [330 U]
Aroclor-1260	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	20 [50]
Total PCBs	ug/kg	330 U [330 U]	330 U	330 U [330 U]	330 U	330 U	330 U	40	330 U	330 U	20 [50]
Miscellaneous											
Percent Solids	%	76 [75]	90	90 [92]	92	87	86	85	87	82	90 [91]

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table S for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:		FA-9 0 - 1 03/03/04	FA-10 0 - 1 03/03/04	FA-11 0 - 1 03/03/04	FA-12 0 - 1 03/03/04	FA-13 0 - 1 03/03/04	FA-14 0 - 1 03/03/04	FA-15 0 - 1 03/03/04	FA-16 0 - 1 03/03/04	FA-17 0 - 1 03/03/04
	Units									
Inorganics										
Antimony	ug/kg	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Arsenic	ug/kg	1,230	1,160	980	1,130	1,360	1,370	1,040	2,350	670
Barium	ug/kg	68,200	76,700	37,900	15,600	35,800	39,000	107,000	60,400	69,100
Beryllium	ug/kg	360	500	240	110	220	250	950	400	150
Cadmium	ug/kg	370	280	260	100	110	250	1,300	380	1,410
Chromium III	ug/kg	10,000	41,300	42,800	16,700	4,130	7,080	45,200	9,130	186,000
Cobalt	ug/kg	9,010 (GSIP,IDWP,RDWP)	10,600 (GSIP,IDWP,RDWP)	3,860	1,540	3,010	2,750	5,170	3,270	4,680
Copper	ug/kg	11,500	19,000	26,000	14,800	6,110	16,900	23,300	27,100	97,100
Lead	ug/kg	27,000	11,400	37,300	6,580	13,000	48,200	96,100	27,900	110,000
Manganese	ug/kg	475,000 (GSIP,IDWP,RDWP)	681,000 (GSIP,IDWP,RDWP)	328,000	297,000	229,000	242,000	1,350,000 (GSIP,IDWP,RDWP)	133,000	732,000 (GSIP,IDWP,RDWP)
Mercury	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	180 (GSIP)	210 (GSIP)	100
Nickel	ug/kg	11,100	28,400	16,700	11,500	6,100	10,800	19,900	10,500	60,600
Selenium	ug/kg	240	270	200 U	200 U	260	220	200 U	340	200 U
Silver	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	270
Thallium	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	120	100 U	110
Vanadium	ug/kg	9,730	15,300	6,130	1,340	6,110	5,250	10,000	8,620	500 U
Zinc	ug/kg	52,000	38,600	48,700	10,100	17,900	106,000	188,000	359,000 (GSIP)	190,000
Volatile Organics										
1,1,1-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	70	7.0
1,1,2,2-Tetrachloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
1,1,2-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2,4-Trichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	20	30	20
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dibromoethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dichlorobenzene	ug/kg	20	20	20	20	20	20	20	30	20
1,2-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dichloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	20	20	20	20	10	20	20	20	20
1,4-Dichlorobenzene	ug/kg	20	20	20	20	20	20	20	30	20
2-Butanone	ug/kg	500	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2-Hexanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
4-Methyl-2-pentanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
Acetone	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Benzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromodichloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromoform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromomethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Carbon Disulfide	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Carbon Tetrachloride	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chloroethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Chloroform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chloromethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
cis-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
cis-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cyclohexane	ug/kg	50 U	120	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Dibromochloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Dichlorodifluoromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Ethylbenzene	ug/kg	50 U	10	50 U	50 U	50 U	50 U	50 U	7.0	7.0
Isopropylbenzene	ug/kg	7.0	20	9.0	9.0	7.0	10	9.0	10	50 U
Methyl Acetate	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
Methyl cyclohexane	ug/kg	50 U	160	20	20	50 U	50 U	6.0	20	50 U

Notes:

NA- Not Analyzed

Shading indicates an exceedance of at least one criteria.

Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.

Data not validated.

U - Constituent not detected.

[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:		FA-9 0 - 1 03/03/04	FA-10 0 - 1 03/03/04	FA-11 0 - 1 03/03/04	FA-12 0 - 1 03/03/04	FA-13 0 - 1 03/03/04	FA-14 0 - 1 03/03/04	FA-15 0 - 1 03/03/04	FA-16 0 - 1 03/03/04	FA-17 0 - 1 03/03/04
	Units									
Methyl tert-butyl ether	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Methylene Chloride	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	50 U	30	9.0	50 U	50 U	50 U	50 U	10	8.0
p,m-Xylene	ug/kg	50 U	40	50 U	50 U	50 U	50 U	50 U	20	50 U
p-Isopropyltoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
tert-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	50 U	30	50 U	50 U	50 U	50 U	50 U	30	50 U
Toluene	ug/kg	50 U	30	50 U	50 U	50 U	50 U	50 U	50 U	10
trans-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
trans-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Trichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	60	60
Trichlorofluoromethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Vinyl Chloride	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Xylenes (total)	ug/kg	50 U	70	9.0	50 U	50 U	50 U	50 U	30	8.0
Semivolatile Organics										
1,1'-Biphenyl	ug/kg	600 U	30	600 U	10	330 U	330 U	50	9.0	300
2,4,5-Trichlorophenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2,4,6-Trichlorophenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2,4-Dichlorophenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2,4-Dimethylphenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2,4-Dinitrophenol	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
2,4-Dinitrotoluene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2,6-Dinitrotoluene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2-Chloronaphthalene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2-Chlorophenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2-Methylnaphthalene	ug/kg	600 U	200	50	50	330 U	330 U	200	60	700
2-Methylphenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
2-Nitroaniline	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
2-Nitrophenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
3,3'-Dichlorobenzidine	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
3-Nitroaniline	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
4,6-Dinitro-2-methylpheno	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
4-Bromophenyl-phenylethe	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
4-Chloro-3-Methylphenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
4-Chloroaniline	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
4-Chlorophenyl-phenylethe	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
4-Methylphenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
4-Nitroaniline	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
4-Nitrophenol	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
Acenaphthene	ug/kg	100	600 U	600 U	330 U	330 U	330 U	300	330 U	4,000
Acenaphthylene	ug/kg	50	600 U	600 U	330 U	330 U	330 U	20	330 U	4,000 U

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	FA-9 0 - 1 03/03/04	FA-10 0 - 1 03/03/04	FA-11 0 - 1 03/03/04	FA-12 0 - 1 03/03/04	FA-13 0 - 1 03/03/04	FA-14 0 - 1 03/03/04	FA-15 0 - 1 03/03/04	FA-16 0 - 1 03/03/04	FA-17 0 - 1 03/03/04
Acetophenone	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Anthracene	ug/kg	300	20	600 U	330 U	330 U	330 U	500	330 U	10,000
Atrazine	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Benzaldehyde	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Benzo(a)anthracene	ug/kg	600	100	40	40	10	30	1,200	30	15,000
Benzo(a)pyrene	ug/kg	200	200	600 U	60	10	30	1,400	30	16,000 (C4DC,IDC,RDC, GPC)
Benzo(b)fluoranthene	ug/kg	1,000	300	600 U	90	330 U	330 U	2,100	330 U	27,000 (RDC)
Benzo(g,h,i)perylene	ug/kg	100	600 U	600 U	20	330 U	330 U	400	330 U	3,000
Benzo(k)fluoranthene	ug/kg	400	600 U	600 U	330 U	330 U	330 U	700	330 U	10,000
bis(2-Chloroethoxy)methane	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
bis(2-Chloroethyl)ether	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
bis(2-Chloroisopropyl)ether	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
bis(2-Ethylhexyl)phthalate	ug/kg	500	600 U	600 U	50	30	330 U	70	40	4,000 U
Butylbenzylphthalate	ug/kg	100	600 U	60	330 U	330 U	330 U	100	330 U	500
Caprolactam	ug/kg	600 U	600 U	600 U	100	330 U	330 U	600 U	330 U	4,000 U
Carbazole	ug/kg	200	30	600 U	330 U	330 U	330 U	300	330 U	5,000 (GSIP)
Chrysene	ug/kg	500	100	50	50	10	30	1,200	30	14,000
Dibenzo(a,h)anthracene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Dibenzofuran	ug/kg	60	40	600 U	330 U	330 U	330 U	200	330 U	2,000 (GSIP)
Diethylphthalate	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Dimethylphthalate	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Di-n-Butylphthalate	ug/kg	70	100	70	30	30	70	200	60	4,000 U
Di-n-Octylphthalate	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Fluoranthene	ug/kg	1,600	200	70	70	20	60	3,600	60	40,000 (GSIP)
Fluorene	ug/kg	100	600 U	600 U	330 U	330 U	330 U	300	330 U	4,000
Hexachlorobenzene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Hexachlorobutadiene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Hexachlorocyclopentadiene	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Hexachloroethane	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Indeno(1,2,3-cd)pyrene	ug/kg	100	600 U	600 U	330 U	330 U	330 U	400	330 U	3,000
Isophorone	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Naphthalene	ug/kg	60	100	600 U	40	330 U	330 U	200	50	3,000 (GSIP)
Nitrobenzene	ug/kg	600 U	600 U	600 U	200 U	200 U	200 U	600 U	200 U	4,000 U
N-Nitroso-di-n-propylamine	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
N-Nitrosodiphenylamine	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
Pentachlorophenol	ug/kg	600 U	600 U	600 U	700 U	700 U	700 U	600 U	700 U	4,000 U
Phenanthrene	ug/kg	1,300	200	70	70	10	330 U	2,700	60	35,000 (GSIP)
Phenol	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600	330 U	2,000
Pyrene	ug/kg	1,700	200	80	70	20	50	2,900	50	50,000
Total Methylphenols	ug/kg	600 U	600 U	600 U	330 U	330 U	330 U	600 U	330 U	4,000 U
PCBs										
Aroclor-1016	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1221	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1232	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1242	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1248	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1254	ug/kg	30	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1260	ug/kg	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	10
Total PCBs	ug/kg	30	330 U	330 U	330 U	330 U	330 U	330 U	330 U	10
Miscellaneous										
Percent Solids	%	83	90	88	88	89	94	88	84	90

Notes:
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Data not validated
U - Constituent not detected
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	MW404 5 - 8 04/23/04	MW404S02 6 - 8 04/23/04	MW4-04SO3 0 - 2 05/07/04	MW4-04SO3 8 - 10 05/07/04	MW4-04SO4 0 - 2 05/07/04	MW4-04SO4 8 - 10 05/07/04	MW-04SO5 0 - 2 05/07/04	MW-04SO5 8 - 10 05/07/04	MW-04SO5 11 - 13 05/07/04	MW4-04SO6 0 - 2 05/07/04	MW4-04SO6 8 - 10 05/07/04
Inorganics												
Antimony	ug/kg	NA	NA	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Arsenic	ug/kg	2,540	1,810	660	860	1,270	520	580	470	1,110	2,200	2,390
Barium	ug/kg	42,000	29,100	30,300	3,900	35,100	16,000	62,400	3,500	9,600	51,100	26,700
Beryllium	ug/kg	NA	NA	100 U	100 U	256	124	379	100 U	100 U	228	156
Cadmium	ug/kg	200	190	120	50.0 U	100	70.0	50.0	50.0 U	80.0	230	140
Chromium III	ug/kg	6,740	8,670	1,400	870	3,910	1,690	2,700	1,400	1,680	5,120	6,390
Cobalt	ug/kg	NA	NA	1,510	720	4,740	1,830	1,940	1,020	2,150	2,990	2,450
Copper	ug/kg	NA	NA	1,400	1,200	3,100	1,000	3,700	1,000 U	1,800	11,100	8,900
Lead	ug/kg	23,100	18,000	5,700	1,300	6,200	3,600	5,700	1,200	2,300	63,600	14,400
Manganese	ug/kg	NA	NA	550,000 (GSIP,IDWP,RDWP)	91,900	286,000	157,000	61,300	95,500	148,000	329,000	237,000
Mercury	ug/kg	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Nickel	ug/kg	NA	NA	930	1,550	8,060	1,890	2,170	1,410	2,670	5,790	5,880
Selenium	ug/kg	410	390	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Silver	ug/kg	NA	NA	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Thallium	ug/kg	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	130	100 U
Vanadium	ug/kg	NA	NA	2,410	1,370	6,860	2,390	4,250	1,680	4,010	5,200	5,020
Zinc	ug/kg	NA	NA	4,200	4,100	13,600	3,200	7,700	2,500	8,000	116,000	23,900
Volatile Organics												
1,1,1-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1,2,2-Tetrachloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/kg	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
1,1,2-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,1-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2,4-Trichlorobenzene	ug/kg	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
1,2,4-Trimethylbenzene	ug/kg	60	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/kg	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dibromoethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,2-Dichloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,3,5-Trimethylbenzene	ug/kg	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
1,4-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Butanone	ug/kg	3,000 U	3,000 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
2-Hexanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
4-Methyl-2-pentanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
Acetone	ug/kg	3,000 U	3,000 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U
Benzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromodichloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromoform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Bromomethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Carbon Disulfide	ug/kg	3,000 U	3,000 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Carbon Tetrachloride	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chloroethane	ug/kg	50 U	50 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Chloroform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Chloromethane	ug/kg	50 U	50 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
cis-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
cis-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cyclohexane	ug/kg	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	140
Dibromochloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Dichlorodifluoromethane	ug/kg	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Ethylbenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	250
Isopropylbenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Methyl Acetate	ug/kg	NA	NA	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U
Methyl cyclohexane	ug/kg	NA	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	300

Notes:
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	MW404 5 - 8 04/23/04	MW404S02 6 - 8 04/23/04	MW4-04SO3 0 - 2 05/07/04	MW4-04SO3 8 - 10 05/07/04	MW4-04SO4 0 - 2 05/07/04	MW4-04SO4 8 - 10 05/07/04	MW-04SO5 0 - 2 05/07/04	MW-04SO5 8 - 10 05/07/04	MW-04SO5 11 - 13 05/07/04	MW4-04SO6 0 - 2 05/07/04	MW4-04SO6 8 - 10 05/07/04
Methyl tert-butyl ether	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Methylene Chloride	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Naphthalene	ug/kg	60	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/kg	60	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/kg	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	440
p,m-Xylene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1,100
p-Isopropyltoluene	ug/kg	60	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ug/kg	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
tert-Butylbenzene	ug/kg	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Toluene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	150
trans-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
trans-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Trichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Trichlorofluoromethane	ug/kg	NA	NA	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Vinyl Chloride	ug/kg	50 U	50 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Xylenes (total)	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1,600 (GSIP)
Semivolatile Organics												
1,1'-Biphenyl	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,4,5-Trichlorophenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,4,6-Trichlorophenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,4-Dichlorophenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,4-Dimethylphenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,4-Dinitrophenol	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
2,4-Dinitrotoluene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2,6-Dinitrotoluene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2-Chloronaphthalene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2-Chlorophenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2-Methylnaphthalene	ug/kg	39,000	400 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2-Methylphenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
2-Nitroaniline	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
2-Nitrophenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
3,3'-Dichlorobenzidine	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
3-Nitroaniline	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
4,6-Dinitro-2-methylpheno	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
4-Bromophenyl-phenylethe	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
4-Chloro-3-Methylphenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
4-Chloroaniline	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
4-Chlorophenyl-phenylethe	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
4-Methylphenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
4-Nitroaniline	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
4-Nitrophenol	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
Acenaphthene	ug/kg	4,000	2,500	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Acenaphthylene	ug/kg	3,000 U	400 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U

Notes:
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	MW404 5 - 8 04/23/04	MW404S02 6 - 8 04/23/04	MW4-04SO3 0 - 2 05/07/04	MW4-04SO3 8 - 10 05/07/04	MW4-04SO4 0 - 2 05/07/04	MW4-04SO4 8 - 10 05/07/04	MW-04SO5 0 - 2 05/07/04	MW-04SO5 8 - 10 05/07/04	MW-04SO5 11 - 13 05/07/04	MW4-04SO6 0 - 2 05/07/04	MW4-04SO6 8 - 10 05/07/04
Acetophenone	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Anthracene	ug/kg	4,000	5,400	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Atrazine	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Benzaldehyde	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Benzo(a)anthracene	ug/kg	6,000	11,000	330 U	330 U	330 U	330 U	330 U	330 U	330 U	600	7,000 U
Benzo(a)pyrene	ug/kg	6,000 (RDC, GCP)	11,000 (IDC,RDC,GCP)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	640	7,000 U
Benzo(b)fluoranthene	ug/kg	7,000	14,000	330 U	330 U	330 U	330 U	330 U	330 U	330 U	990	7,000 U
Benzo(g,h,i)perylene	ug/kg	3,000	5,600	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Benzo(k)fluoranthene	ug/kg	4,000	6,900	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
bis(2-Chloroethyl)ether	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
bis(2-Chloroisopropyl)ether	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
bis(2-Ethylhexyl)phthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Butylbenzylphthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Caprolactam	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Carbazole	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Chrysene	ug/kg	7,000	10,000	330 U	330 U	330 U	330 U	330 U	330 U	330 U	640	7,000 U
Dibenzo(a,h)anthracene	ug/kg	3,000 U	500	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Dibenzofuran	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Diethylphthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Dimethylphthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Di-n-Butylphthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Di-n-Octylphthalate	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Fluoranthene	ug/kg	23,000 (GSIP)	28,000 (GSIP)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	1,400	7,000 U
Fluorene	ug/kg	8,000 (GSIP)	1,900	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Hexachlorobenzene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Hexachlorobutadiene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Hexachlorocyclopentadiene	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Hexachloroethane	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Indeno(1,2,3-cd)pyrene	ug/kg	4,000	6,300	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Isophorone	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Naphthalene	ug/kg	3,000 U	900 (GSIP)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Nitrobenzene	ug/kg	NA	NA	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	7,000 U
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
N-Nitrosodiphenylamine	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
Pentachlorophenol	ug/kg	NA	NA	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	7,000 U
Phenanthrene	ug/kg	18,000 (GSIP)	18,000 (GSIP)	330 U	330 U	330 U	330 U	330 U	330 U	330 U	720	7,000 U
Phenol	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	560	7,000 U
Pyrene	ug/kg	3,000	23,000	330 U	330 U	330 U	330 U	330 U	330 U	330 U	1,100	7,000 U
Total Methylphenols	ug/kg	NA	NA	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	7,000 U
PCBs												
Aroclor-1016	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	ug/kg	330 U	330 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous												
Percent Solids	%	86.8	90	91	92	88	88	86	91	84	88	90

Notes:

NA- Not Analyzed

Shading indicates an exceedance of at least one criteria.

Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.

Data not validated

U - Constituent not detected

[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:		MW4-04SO6 10 - 11 05/07/04	MW4-04SO7 0 - 2 05/07/04	MW4-04SO7 8 - 10 05/07/04	MW4-04SO7 10 - 12 05/07/04	MW4-04SO8 0 - 2 05/07/04	MW4-04SO8 8 - 10 05/07/04	MW4-04SO8 10 - 11 05/07/04	MW4-04SO9 0 - 2 05/07/04	MW4-04SO9 8 - 10 05/07/04	MW4-04SO10 0 - 2 05/07/04
	Units										
Inorganics											
Antimony	ug/kg	500 U	500 U	500 U	500 U	500 U	500 U	500 U [500 U]	500 U	500 U	500 U
Arsenic	ug/kg	5,230	2,420	2,010	2,250	2,600	2,270	3,260 [3,580]	2,700	660	1,320
Barium	ug/kg	43,500	42,200	21,500	30,500	52,400	26,900	33,100 [43,500]	51,800	10,400	33,900
Beryllium	ug/kg	198	238	140	167	216	242	152 [154]	277	100 U	190
Cadmium	ug/kg	240	300	120	130	220	480	180 [200]	220	50.0 U	420
Chromium III	ug/kg	7,980	5,490	4,300	14,800	20,700	3,160	5,410 [9,860]	8,200	1,950	9,350
Cobalt	ug/kg	2,790	2,580	1,980	2,610	2,520	1,950	2,250 [2,410]	2,800	900	2,180
Copper	ug/kg	19,100	10,300	7,500	9,100	12,000	8,900	6,600 [7,700]	10,900	1,600	10,000
Lead	ug/kg	20,800	60,400	14,000	13,900	74,000	22,800	13,000 [19,000]	27,800	2,600	45,900
Manganese	ug/kg	357,000	393,000	197,000	189,000	562,000 (GSIP,IDWP,RDWP)	95,000	271,000 [320,000]	570,000 (GSIP,IDWP,RDWP)	91,200	340,000
Mercury	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U
Nickel	ug/kg	7,020	5,590	4,070	6,730	4,960	3,620	5,150 [6,280]	5,880	1,410	5,240
Selenium	ug/kg	200 U	200 U	210	200 U	200 U	200 U	200 U [300]	200 U	200 U	200 U
Silver	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U [200 U]	200 U	200 U	200 U
Thallium	ug/kg	190	110	100 U	100 U	140	100 U	100 U [100 U]	100 U	100 U	100 U
Vanadium	ug/kg	5,950	5,350	4,890	6,300	6,660	6,610	4,660 [5,050]	4,740	1,990	4,570
Zinc	ug/kg	27,500	41,000	33,200	24,700	39,700	25,600	20,100 [26,900]	38,900	4,300	57,100
Volatile Organics											
1,1,1-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,1,2,2-Tetrachloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,1,2-trichloro-1,2,2-trifluoroethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U
1,1,2-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,1-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,1-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,2,4-Trichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,2-Dibromoethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,2-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,2-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,2-Dichloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
1,4-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
2-Butanone	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U [800 U]	800 U	800 U	800 U
2-Hexanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U
4-Methyl-2-pentanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U
Acetone	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U [800 U]	800 U	800 U	800 U
Benzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Bromodichloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Bromoform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Bromomethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
Carbon Disulfide	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
Carbon Tetrachloride	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Chlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Chloroethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
Chloroform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Chloromethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
cis-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
cis-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Cyclohexane	ug/kg	170	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Dibromochloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Dichlorodifluoromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Ethylbenzene	ug/kg	410 (GSIP)	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Isopropylbenzene	ug/kg	80	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Methyl Acetate	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U
Methyl cyclohexane	ug/kg	500	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U

Notes:

NA- Not Analyzed

Shading indicates an exceedance of at least one criteria.

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Data not validated.

U - Constituent not detected.

[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:		MW4-04SO6 10 - 11 05/07/04	MW4-04SO7 0 - 2 05/07/04	MW4-04SO7 8 - 10 05/07/04	MW4-04SO7 10 - 12 05/07/04	MW4-04SO8 0 - 2 05/07/04	MW4-04SO8 8 - 10 05/07/04	MW4-04SO8 10 - 11 05/07/04	MW4-04SO9 0 - 2 05/07/04	MW4-04SO9 8 - 10 05/07/04	MW4-04SO10 0 - 2 05/07/04
	Units										
Methyl tert-butyl ether	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
Methylene Chloride	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	600	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
p,m-Xylene	ug/kg	1,800	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
p-Isopropyltoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
tert-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Toluene	ug/kg	140	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
trans-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
trans-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Trichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Trichlorofluoromethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U
Vinyl Chloride	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U
Xylenes (total)	ug/kg	2,400 (GSIP)	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U
Semivolatile Organics											
1,1'-Biphenyl	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,4,5-Trichlorophenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,4,6-Trichlorophenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,4-Dichlorophenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,4-Dimethylphenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,4-Dinitrophenol	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
2,4-Dinitrotoluene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2,6-Dinitrotoluene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2-Chloronaphthalene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2-Chlorophenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2-Methylnaphthalene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2-Methylphenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
2-Nitroaniline	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
2-Nitrophenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
3,3'-Dichlorobenzidine	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
3-Nitroaniline	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
4,6-Dinitro-2-methylphenol	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
4-Bromophenyl-phenylether	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
4-Chloro-3-Methylphenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
4-Chloroaniline	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
4-Methylphenol	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
4-Nitroaniline	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
4-Nitrophenol	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
Acenaphthene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Acenaphthylene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

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	Units										
Acetophenone	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Anthracene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	470
Atrazine	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Benzaldehyde	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Benzo(a)anthracene	ug/kg	330 U	700	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	410	330 U	1,900
Benzo(a)pyrene	ug/kg	330 U	730	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	430	330 U	2,600 (RDC)
Benzo(b)fluoranthene	ug/kg	330 U	1,100	3,000 U	2,000 U	700	330 U	1,000 U [330 U]	670	330 U	4,400
Benzo(g,h,i)perylene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	740
Benzo(k)fluoranthene	ug/kg	330 U	390	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	1,100
bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
bis(2-Chloroethyl)ether	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Butylbenzylphthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Caprolactam	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Carbazole	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Chrysene	ug/kg	330 U	690	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	420	330 U	2,100
Dibenzo(a,h)anthracene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Dibenzofuran	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Diethylphthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Dimethylphthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Di-n-Butylphthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Di-n-Octylphthalate	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Fluoranthene	ug/kg	330 U	1,700	3,000	2,000 U	1,000	330 U	1,000 U [330 U]	950	330 U	7,700 (GSIP)
Fluorene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Hexachlorobenzene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Hexachlorobutadiene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Hexachlorocyclopentadiene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Hexachloroethane	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	740
Isophorone	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Naphthalene	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Nitrobenzene	ug/kg	200 U	200 U	3,000 U	2,000 U	600 U	200 U	1,000 U [200 U]	200 U	200 U	200 U
N-Nitroso-di-n-propylamine	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
N-Nitrosodiphenylamine	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
Pentachlorophenol	ug/kg	700 U	700 U	3,000 U	2,000 U	600 U	700 U	1,000 U [700 U]	700 U	700 U	700 U
Phenanthrene	ug/kg	330 U	1,000	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	500	330 U	1,600
Phenol	ug/kg	330 U	330 U	3,000 U	2,000 U	1,300	330 U	1,000 U [330 U]	330 U	330 U	360
Pyrene	ug/kg	330 U	1,400	3,000 U	2,000 U	800	330 U	1,000 U [330 U]	810	330 U	4,900
Total Methylphenols	ug/kg	330 U	330 U	3,000 U	2,000 U	600 U	330 U	1,000 U [330 U]	330 U	330 U	330 U
PCBs											
Aroclor-1016	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous											
Percent Solids	%	85	89	86	86	89	85	87 [90]	91	87	91

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:		MW4-04SO10 7 - 8 05/07/04	MW4-04SO10 8 - 10 05/07/04	MW4-04SO10 10 - 11 05/07/04	MW4-04SO12 0 - 2 05/07/04	MW4-04SO12 7 - 8 05/07/04	MW4-04SO12 8 - 10 05/07/04	MW4-04SO12 10 - 11 05/07/04	MW4-04SO14 0 - 2 05/07/04	MW4-04SO14 8 - 10 05/07/04	MW4-04SO14 10 - 12 05/07/04	MW4-04SO15 0 - 2 05/07/04	MW4-04SO15 5 - 7 05/07/04	MW4-04SO15 8 - 10 05/07/04	MW4-04SO15 10 - 12 05/07/04	MW4-04SO17 0 - 2 05/07/04	MW4-04SO17 8 - 10 05/07/04	MW4-04SO17 11 - 13 05/07/04	
Inorganics																			
Antimony	ug/kg	500 U	500 U	500 U	500 U	500 U	500 U	500 U [500 U]	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	
Arsenic	ug/kg	920	1,710	1,960	1,640	880	1,010	1,040 [1,200]	2,050	560	840	1,900	840	1,240	1,320	1,210	790	800	
Barium	ug/kg	6,900	4,900	11,000	40,700	7,800	7,800	7,500 [10,700]	40,900	3,800	4,400	59,900	5,800	10,700	3,700	27,200	9,100	10,000	
Beryllium	ug/kg	100 U	100 U	100 U	219	100 U	100 U	100 U [100 U]	306	100 U	100 U	190	100 U	100 U	100 U	166	100 U	100 U	
Cadmium	ug/kg	50.0 U	50.0 U	110	360	60.0	50.0	50.0 [80.0]	280	70.0	50.0 U	380	60.0	60.0	60.0	120	70.0	60.0	
Chromium III	ug/kg	940	1,060	4,490	10,700	1,300	1,290	1,720 [2,010]	8,010	1,190	960	18,800	910	1,340	1,760	4,890	1,280	1,310	
Cobalt	ug/kg	1,040	1,050	1,630	2,710	1,410	1,530	1,400 [1,600]	2,890	1,130	980	2,850	1,490	1,460	1,000	2,440	1,190	1,150	
Copper	ug/kg	1,600	1,800	5,000	10,900	1,700	1,800	1,800 [2,600]	10,000	1,000	1,500	30,600	1,100	1,400	3,000	3,400	1,500	1,600	
Lead	ug/kg	1,900	1,500	10,600	64,300	2,200	2,300	2,400 [5,600]	38,000	1,900	1,800	110,000	2,300	1,800	2,200	21,200	2,500	2,700	
Manganese	ug/kg	72,300	115,000	178,000	339,000	146,000	143,000	132,000 [147,000]	281,000	101,000	95,000	308,000	132,000	177,000	98,000	162,000	114,000	111,000	
Mercury	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	
Nickel	ug/kg	1,380	1,740	3,870	5,190	2,120	2,290	2,050 [2,600]	6,090	2,070	1,540	9,200	2,490	2,430	2,380	3,230	1,630	1,590	
Selenium	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U [200 U]	200 U	200 U	200 U	200 U	200 U	200 U	220	200 U	200 U	200 U	
Silver	ug/kg	200 U	200 U	200 U	200 U	200 U	200 U	200 U [200 U]	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	
Thallium	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	140	100 U	100 U	100 U	100 U	100 U	100 U	
Vanadium	ug/kg	1,740	1,960	3,390	5,280	2,360	2,360	2,240 [2,770]	6,000	1,520	2,020	4,440	2,120	2,210	2,150	4,360	2,010	2,090	
Zinc	ug/kg	4,300	4,800	17,100	56,100	5,600	5,500	5,700 [10,800]	43,200	3,600	5,700	81,500	4,100	4,900	11,400	11,100	4,500	5,300	
Volatile Organics																			
1,1,1-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,1,2,2-Tetrachloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,1,2-trichloro-1,2,2-trifluoroethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	
1,1,2-Trichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,1-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,1-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,2,4-Trichlorobenzene	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	
1,2,4-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,2-Dibromo-3-chloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,2-Dibromoethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,2-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,2-Dichloroethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,2-Dichloropropane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,3,5-Trimethylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,3-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
1,4-Dichlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
2-Butanone	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U [800 U]	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	
2-Hexanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	
4-Methyl-2-pentanone	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	
Acetone	ug/kg	800 U	800 U	800 U	800 U	800 U	800 U	800 U [800 U]	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	800 U	
Benzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Bromodichloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Bromoform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Bromomethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	
Carbon Disulfide	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	
Carbon Tetrachloride	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Chlorobenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Chloroethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	
Chloroform	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Chloromethane	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	
cis-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
cis-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Cyclohexane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Dibromochloromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Dichlorodifluoromethane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Ethylbenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Isopropylbenzene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	
Methyl Acetate	ug/kg	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U [3,000 U]	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	3,000 U	
Methyl cyclohexane	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	

Notes:
NA- Not Analyzed
Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated.
U - Constituent not detected.
[] - Analytical results of duplicate samples.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	MW4-04SO10 7 - 8 05/07/04	MW4-04SO10 8 - 10 05/07/04	MW4-04SO10 10 - 11 05/07/04	MW4-04SO12 0 - 2 05/07/04	MW4-04SO12 7 - 8 05/07/04	MW4-04SO12 8 - 10 05/07/04	MW4-04SO12 10 - 11 05/07/04	MW4-04SO14 0 - 2 05/07/04	MW4-04SO14 8 - 10 05/07/04	MW4-04SO14 10 - 12 05/07/04	MW4-04SO15 0 - 2 05/07/04	MW4-04SO15 5 - 7 05/07/04	MW4-04SO15 8 - 10 05/07/04	MW4-04SO15 10 - 12 05/07/04	MW4-04SO17 0 - 2 05/07/04	MW4-04SO17 8 - 10 05/07/04	MW4-04SO17 11 - 13 05/07/04
Methyl tert-butyl ether	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Methylene Chloride	ug/kg	300 U	300 U	300 U	300 U	300 U	300 U	300 U [300 U]	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U	300 U
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
p,m-Xylene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
p-Isopropyltoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
tert-Butylbenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Toluene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
trans-1,2-Dichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
trans-1,3-Dichloropropene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Trichloroethene	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Trichlorofluoromethane	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Vinyl Chloride	ug/kg	100 U	100 U	100 U	100 U	100 U	100 U	100 U [100 U]	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Xylenes (total)	ug/kg	50 U	50 U	50 U	50 U	50 U	50 U	50 U [50 U]	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Semivolatile Organics																		
1,1'-Biphenyl	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
2,4-Dinitrotoluene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylphenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
2-Nitrophenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
3-Nitroaniline	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
4,6-Dinitro-2-methylphenol	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
4-Bromophenyl-phenylether	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-Methylphenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
4-Chlorophenyl-phenylether	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
4-Nitrophenol	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
Acenaphthene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

Notes:
NA- Not Analyzed
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Data not validated
U - Constituent not detected
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA

Sample ID: Sample Depth(ft): Date Collected:	Units	MW4-04SO10 7 - 8 05/07/04	MW4-04SO10 8 - 10 05/07/04	MW4-04SO10 10 - 11 05/07/04	MW4-04SO12 0 - 2 05/07/04	MW4-04SO12 7 - 8 05/07/04	MW4-04SO12 8 - 10 05/07/04	MW4-04SO12 10 - 11 05/07/04	MW4-04SO14 0 - 2 05/07/04	MW4-04SO14 8 - 10 05/07/04	MW4-04SO14 10 - 12 05/07/04	MW4-04SO15 0 - 2 05/07/04	MW4-04SO15 5 - 7 05/07/04	MW4-04SO15 8 - 10 05/07/04	MW4-04SO15 10 - 12 05/07/04	MW4-04SO17 0 - 2 05/07/04	MW4-04SO17 8 - 10 05/07/04	MW4-04SO17 11 - 13 05/07/04
Acetophenone	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Atrazine	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzaldehyde	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)anthracene	ug/kg	330 U	330 U	400 U	550	330 U	330 U	330 U [330 U]	380	330 U	330 U	360	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	ug/kg	330 U	330 U	400 U	620	330 U	330 U	330 U [330 U]	450	330 U	330 U	370	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	ug/kg	330 U	330 U	400 U	1,000	330 U	330 U	330 U [330 U]	820	330 U	330 U	570	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	ug/kg	330 U	330 U	400 U	400	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethoxy)methane	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroisopropyl)ether	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Butylbenzylphthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Caprolactam	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Carbazole	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Chrysene	ug/kg	330 U	330 U	400 U	560	330 U	330 U	330 U [330 U]	450	330 U	330 U	360	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzo(a,h)anthracene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dibenzofuran	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Diethylphthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Dimethylphthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-Butylphthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Di-n-Octylphthalate	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Fluoranthene	ug/kg	330 U	330 U	400 U	1,300	330 U	330 U	330 U [330 U]	890	330 U	330 U	760	330 U	330 U	330 U	330 U	330 U	330 U
Fluorene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobenzene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorobutadiene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachlorocyclopentadiene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Hexachloroethane	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Indeno(1,2,3-cd)pyrene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Isophorone	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Naphthalene	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Nitrobenzene	ug/kg	200 U	200 U	400 U	200 U	200 U	200 U	200 U [200 U]	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
N-Nitroso-di-n-propylamine	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
N-Nitrosodiphenylamine	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pentachlorophenol	ug/kg	700 U	700 U	700 U	700 U	700 U	700 U	700 U [700 U]	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U	700 U
Phenanthrene	ug/kg	330 U	330 U	400 U	740	330 U	330 U	330 U [330 U]	410	330 U	330 U	600	330 U	330 U	330 U	330 U	330 U	330 U
Phenol	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Pyrene	ug/kg	330 U	330 U	400 U	1,100	330 U	330 U	330 U [330 U]	780	330 U	330 U	720	330 U	330 U	330 U	330 U	330 U	330 U
Total Methylphenols	ug/kg	330 U	330 U	400 U	330 U	330 U	330 U	330 U [330 U]	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
PCBs																		
Aroclor-1016	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Miscellaneous																		
Percent Solids	%	95	95	84	88	94	92	90 [89]	90	93	85	89	92	91	87	90	91	87

Notes:
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Shading indicates an exceedance of at least one criteria.
Please refer to Table 5 for applicable MDEQ Part 201 Cleanup Criteria.
Data not validated
U - Constituent not detected
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ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 2
NREPA PART 201 GENERIC SOIL CLEANUP CRITERIA AND SCREENING LEVELS

	Statewide Default Background Levels	Residential and Commercial I Criteria										Industrial and Commercial II, III, and IV Criteria												
		Drinking Water Protection Criteria (ug/kg)	Groundwater Surface Water Interface Protection Criteria (ug/kg)	Groundwater Contact Protection Criteria (ug/kg)	Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for 5 Meter Source Thickness (ug/kg)	Finite VSIC for 2 Meter Source Thickness (ug/kg)	Particulate Soil Inhalation Criteria (ug/kg)	Direct Contact Criteria (ug/kg)	Industrial and Commercial Drinking Water Protection Criteria	Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for 5 Meter Source Thickness (ug/kg)	Finite VSIC for 2 Meter Source Thickness (mg/kg)	Particulate Soil Inhalation Criteria (ug/kg)	Industrial and Commercial II Direct Contact Criteria (ug/kg)	Commercial IV Direct Contact Criteria (ug/kg)								
Inorganics																								
Antimony	NA	4,300		94,000		49,000,000		NLV	NLV	NLV	13,000,000	180,000		4,300		NLV	NLV	NLV	5,900,000		670,000		700,000	
Arsenic	5,800	4,600		70,000	(X)	2,000,000		NLV	NLV	NLV	720,000	7,600		4,600		NLV	NLV	NLV	910,000		37,000		41,000	
Barium	75,000	1,300,000	(B)	858,000	(B,G,X)	1,000,000,000		NLV	NLV	NLV	330,000,000	37,000,000	(B)	1,300,000	(B)	NLV	NLV	NLV	150,000,000		130,000,000	(B)	140,000,000	(B)
Beryllium	NA	51,000		408,000	(G)	1,000,000,000	(D)	NLV	NLV	NLV	1,300,000	410,000		51,000		NLV	NLV	NLV	590,000		1,600,000		1,600,000	
Cadmium	1,200	6,000	(B)	5,740	(B,G,X)	230,000,000		NLV	NLV	NLV	1,700,000	550,000	(B)	6,000	(B)	NLV	NLV	NLV	2,200,000		2,100,000	(B)	2,100,000	(B)
Chromium III (B,H)	18,000	1,000,000,000	(B,H,D)	4,960,000,000	(B,H,G,X)	1,000,000,000	D	NLV	NLV	NLV	330,000,000	790,000,000	(B,H)	1,000,000,000	B,H,D	NLV	NLV	NLV	150,000,000		1,000,000,000	(B,H,D)	1,000,000,000	(B,H,D)
Cobalt	6,800	800		2,000		48,000,000		NLV	NLV	NLV	13,000,000	2,600,000		2,000		NLV	NLV	NLV	5,900,000		9,000,000		10,000,000	
Copper	32,000	5,800,000	(B)	124,000	(B,G)	1,000,000,000	(D)	NLV	NLV	NLV	130,000,000	20,000,000	(B)	5,800,000	(B)	NLV	NLV	NLV	59,000,000		73,000,000	(B)	76,000,000	(B)
Lead	21,000	700,000	(B)	5,450,000	(B,G,X)	ID		NLV	NLV	NLV	100,000,000	400,000	(B)	700,000	(B)	NLV	NLV	NLV	44,000,000		900,000	(B,DD)	400,000	(B)
Manganese (B)	440,000	1,000		72,000	(G,X)	180,000,000		NLV	NLV	NLV	3,300,000	25,000,000	(B)	1,000		NLV	NLV	NLV	1,500,000		90,000,000	(B)	94,000,000	(B)
Mercury	130	1,700	(B,Z)	50	(M)	47,000		52,000	52,000	52,000	20,000,000	160,000	(B,Z)	1,700	(B,Z)	62,000	62,000	62,000	8,800,000		580,000	(B,Z)	600,000	(B,Z)
Nickel (B)	20,000	100,000	(B)	129,000	(B,G)	1,000,000,000	(D)	NLV	NLV	NLV	13,000,000	40,000,000	(B)	100,000	(B)	NLV	NLV	NLV	16,000,000		150,000,000	(B)	150,000,000	(B)
Selenium (B)	410	4,000	(B)	400		78,000,000		NLV	NLV	NLV	130,000,000	2,600,000	(B)	4,000	(B)	NLV	NLV	NLV	59,000,000		9,600,000	(B)	10,000,000	(B)
Silver	1,000	4,500	(B)	100	(M)	200,000,000		NLV	NLV	NLV	6,700,000	2,500,000	(B)	13,000	(B)	NLV	NLV	NLV	2,900,000		9,000,000	(B)	9,400,000	(B)
Thallium (B)	NA	2,300	(B)	4,200	(B,X)	15,000,000		NLV	NLV	NLV	ID	35,000	(B)	2,300	(B)	NLV	NLV	NLV	ID		130,000	(B)	130,000	(B)
Vanadium	NA	72,000		190,000		1,000,000,000	(D)	NLV	NLV	NLV	ID	750,000	(DD)	990,000		NLV	NLV	NLV	ID		5,500,000	(DD)	5,900,000	(DD)
Zinc	47,000	2,400,000	(B)	280,000	(B,G)	1,000,000,000	(D)	NLV	NLV	NLV	ID	170,000,000	(B)	5,000,000	(B)	NLV	NLV	NLV	ID		630,000,000	(B)	660,000,000	(B)
VOC																								
1,1,1-Trichloroethane	NA	4,000		4,000		110,000,000	(C)	130,000,000	130,000,000	190,000,000	390,000,000,000	460,000	(C)	4,000		160,000,000	160,000,000	200,000,000	170,000,000,000		460,000	(C)	460,000	(C)
1,1,2,2-Tetrachloroethane	NA	170		1,600	(X)	27,000,000	(C)	29,000,000	29,000,000	35,000,000	67,000,000,000	53,000		700		35,000,000	35,000,000	36,000,000	29,000,000,000		240,000		290,000	
1,1,2-trichloro-1,2,2-trifluoroethane	NA	550,000	(C)	1,700		220,000		13,000	34,000	79,000	380,000,000	550,000	(C)	550,000	(C)	45,000	99,000	230,000	470,000,000		550,000	(C)	550,000	(C)
1,1,2-Trichloroethane	NA	100		6,600	(X)	280,000		9,100	9,700	19,000	84,000,000	180,000		100		31,000	31,000	57,000	110,000,000		840,000		920,000	(C)
1,1-Dichloroethane	NA	18,000		15,000		870,000	(C)	900,000	900,000	900,000	2,800,000,000	890,000	(C)	50,000		3,100,000	3,100,000	3,100,000	3,600,000,000		890,000	(C)	890,000	(C)
1,1-Dichloroethene	NA	140	(I)	1,300	(I,X)	1,400,000		11,000	57,000	140,000	330,000,000	200,000	(I)	140	(I)	13,000	57,000	140,000	150,000,000		570,000	(I,C)	570,000	(I,C)
1,2,4-Trichlorobenzene	NA	4,200		1,800		120,000		ID	ID	ID	ID	990,000	(DD)	4,200		ID	ID	ID	ID		1,100,000	(C,DD)	1,100,000	(C,DD)
1,2,4-Trimethylbenzene	NA	2,100	(I)	570	(I)	88,000		ID	ID	ID	ID	110,000	(I,C)	2,100	(I)	ID	ID	ID	ID		110,000	(I,C)	110,000	(I,C)
1,2-Dibromo-3-chloropropane	NA	10	(M)	(NA)		180,000		ID	ID	ID	ID	1,200	(C)	10	(M)	ID	ID	ID	ID		1,200	(C)	1,200	(C)
1,2-Dibromoethane	NA	20	(M)	20	(M)	280,000	(C)	1,300,000	7,900,000	19,000,000	47,000,000,000	92		20	(M)	1,600,000	8,000,000	19,000,000	21,000,000,000		430		500	
1,2-Dichlorobenzene	NA	14,000		360		92,000		3,500	12,000	28,000	130,000,000	210,000	(C)	14,000		12,000	34,000	79,000	170,000,000		210,000	(C)	210,000	(C)
1,2-Dichloroethane	NA	100	(I)	7,200	(I,X)	260,000	(C)	770,000	990,000	2,100,000	4,700,000,000	91,000	(I)	100	(I)	920,000	1,100,000	2,100,000	2,100,000,000		420,000	(I)	490,000	(I)
1,2-Dichloropropane	NA	100	(I)	5,800	(I,X)	950,000	(C)	30,000,000	120,000,000	280,000,000	670,000,000,000	140,000	(I)	100	(I)	36,000,000	120,000,000	280,000,000	290,000,000,000		550,000	(I,C)	550,000	(I,C)
1,3,5-Trimethylbenzene	NA	1,800	(I)	1,100	(I)	1,500,000	(C)	45,000	120,000	270,000	1,300,000,000	94,000	(I,C)	1,800	(I)	150,000	340,000	790,000	1,600,000,000		94,000	(I,C)	94,000	(I,C)
1,3-Dichlorobenzene	NA	170		1,100		1,100,000	(C)	40,000	410,000	1,000,000	4,900,000,000	170,000	(C)	480		120,000	1,000,000	2,500,000	2,600,000,000		170,000	(C)	170,000	(C)
1,4-Dichlorobenzene	NA	1,700		290							400,000			1,700							1,900,000		2,200,000	
2-Butanone	NA	260,000	(I)	44,000	(I)	890,000	(C)	2,100,000	5,900,000	14,000,000	33,000,000,000	27,000,000	(I,C,DD)	760,000	(I)	2,500,000	6,000,000	14,000,000	15,000,000,000		27,000,000	(I,C,DD)	27,000,000	(I,C,DD)
2-Hexanone	NA	20,000		(NA)		220,000		1,100	5,300	13,000	62,000,000	2,500,000	(C)	58,000		3,700	15,000	37,000	78,000,000		2,500,000	(C)	2,500,000	(C)
4-Methyl-2-pentanone	NA	36,000	(I)	(ID)		1,200		13,000	13,000	13,000	13,000,000	2,700,000	(I,C)	100,000	(I)	15,000	15,000	15,000	5,900,000		2,700,000	(I,C)	2,700,000	(I,C)
Acetone	NA	15,000	(I)	34,000	(I)	**		**	**	**	**	23,000,000	(I)	42,000	(I)	**	**	**	**		73,000,000	(I)	86,000,000	(I)
Benzene	NA	100	(I)	4,000	(I,X)	210,000	(C)	39,000,000	39,000,000	52,000,000	100,000,000,000	180,000	(I)	100	(I)	46,000,000	46,000,000	55,000,000	44,000,000,000		400,000	(I,C)	400,000	(I,C)
Bromodichloromethane	NA	1,600	(W)	(ID)		380,000		6,200	11,000	26,000	120,000,000	110,000		1,600	(W)	21,000	33,000	74,000	150,000,000		490,000		570,000	
Bromoform	NA	1,600	(W)	(ID)		320,000		25,000	50,000	110,000	270,000,000	820,000		1,600	(W)	30,000	51,000	120,000	120,000,000		870,000	(C)	870,000	(C)
Bromomethane	NA	200		700		51,000		ID	ID	ID	ID	320,000		580		ID	ID	ID	ID		1,000,000		1,200,000	
Carbon Disulfide	NA	16,000	(I,R)	(ID)		140,000		77,000	77,000	110,000	450,000,000	280,000	R,C,DD	46,000	(I,R)	260,000	260,000	340,000	570,000,000		280,000	I,R,C,DD	280,000	(I,R,C,DD)
Carbon Tetrachloride	NA	100		900	(X)	640,000	(C)	180,000	420,000	990,000	2,300,000,000	96,000		100		210,000	430,000	1,000,000	1,000,000,000		390,000	(C)	390,000	(C)
Chlorobenzene	NA	2,000	(I)	940	(I)	110,000		18,000	68,000	160,000	780,000,000	260,000	(I,C)	2,000	(I)	60,000	200,000	470,000	590,000,000		260,000	(I,C)	260,000	(I,C)
Chloroethane	NA	8,600		(ID)		360,000		24,000	24,															

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
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TABLE 2
NREPA PART 201 GENERIC SOIL CLEANUP CRITERIA AND SCREENING LEVELS

	Statewide Default Background Levels	Drinking Water Protection Criteria (ug/kg)	Groundwater Surface Water Interface Protection Criteria (ug/kg)	Groundwater Contact Protection Criteria (ug/kg)	Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for S Meter Source Thickness (ug/kg)	Finite VSIC for Z Meter Source Thickness (ug/kg)	Particulate Soil Inhalation Criteria (ug/kg)	Direct Contact Criteria (ug/kg)	Industrial and Commercial Drinking Water Protection Criteria	Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for S Meter Source Thickness (ug/kg)	Finite VSIC for Z Meter Source Thickness (mg/kg)	Particulate Soil Inhalation Criteria (ug/kg)	Industrial and Commercial II Direct Contact Criteria (ug/kg)	Commercial IV Direct Contact Criteria (ug/kg)							
VOCs (continued)																							
p-Isopropyltoluene	NA	NA	NA		550,000		180,000,000	880,000,000	2,100,000,000	5,100,000,000,000	NA		210,000,000	890,000,000	2,100,000,000	2,300,000,000,000	NA	NA					
sec-Butylbenzene	NA	1,600	(ID)		420,000		17,000	21,000	44,000	190,000,000	2,500,000		57,000	57,000	120,000	250,000,000	8,000,000	9,400,000					
Styrene	NA	2,700	2,200		1,100,000		28,000,000	28,000,000	28,000,000	25,000,000,000	400,000		34,000,000	34,000,000	34,000,000	11,000,000,000	520,000	(C)	520,000 (C)				
tert-Butylbenzene	NA	1,600	(I)	(NA)	88,000	(C)	180,000	480,000	1,100,000	5,400,000,000	2,500,000	(I)	4,600	(I)	600,000	3,300,000	6,800,000,000	8,000,000	(I)	9,400,000 (I)			
Tetrachloroethene	NA	100		900	(X)		250,000	(C)	2,800,000	5,100,000	12,000,000	27,000,000,000	88,000	(C)	100	3,300,000	36,000,000	36,000,000	12,000,000,000	88,000	(C)	88,000 (C)	
Toluene	NA	16,000	(I)	2,800	(I)		440,000		78,000	170,000	390,000	1,800,000,000	250,000	(I,C)	16,000	(I)	260,000	440,000	1,100,000	2,300,000,000	250,000	(I,C)	250,000 (I,C)
trans-1,2-Dichloroethene	NA	2,000		30,000		560,000	(C)	92,000,000	630,000,000	1,500,000,000	3,800,000,000,000	1,400,000	(C)	2,000		110,000,000	140,000,000,000	140,000,000,000	1,700,000,000,000	1,400,000	(C)	1,400,000 (C)	
trans-1,3-Dichloropropene	NA	NA		NA		110,000	(C)	21,000,000	500,000,000	500,000,000	82,000,000,000	NA		NA		25,000,000	600,000,000	600,000,000	36,000,000,000	NA		NA	
Trichloroethene	NA	100		4,000	(X)		94,000	(C)	16,000,000	380,000,000	380,000,000	82,000,000,000	500,000	(C,DD)	100		19,000,000	460,000,000	460,000,000	36,000,000,000	500,000	(C,DD)	500,000 (C,DD)
Trichlorofluoromethane	NA	52,000		(NA)		20,000		4,200	30,000	73,000	350,000,000	560,000	(C)	150,000		19,000,000	170,000	420,000	890,000,000	560,000	(C)	560,000 (C)	
Vinyl Chloride	NA	40		300		150,000	(C)	46,000,000	61,000,000	130,000,000	290,000,000,000	3,800		40		54,000,000	65,000,000	130,000,000	130,000,000,000	34,000		40,000	
Xylenes (total)	NA	5,600	(I)	700	(I)		150,000	(C)	46,000,000	61,000,000	130,000,000	290,000,000,000	150,000	(I,C)	5,600	(I)	54,000,000	65,000,000	130,000,000	130,000,000,000	150,000	(I,C)	150,000 (I,C)
SVOC																							
1,1'-Biphenyl	NA	NA	NA		970,000		81,000,000	81,000,000	81,000,000	14,000,000,000	NA		NA		97,000,000	97,000,000	97,000,000	6,200,000,000	NA		NA		
2,4,5-Trichlorophenol	NA	39,000		(NA)	440,000		2,200,000	2,200,000	2,200,000	2,300,000,000	23,000,000		110,000		2,700,000	2,700,000	2,700,000	1,000,000,000	73,000,000		86,000,000		
2,4,6-Trichlorophenol	NA	2,400		330	(M)		1,100,000	44,000,000	44,000,000	44,000,000	33,000,000,000	710,000		9,400		52,000,000	52,000,000	52,000,000	14,000,000,000	3,300,000		3,900,000	
2,4-Dichlorophenol	NA	1,500		380		41,000		1,400,000,000	1,400,000,000	1,400,000,000	67,000,000,000	660,000	(DD)	4,200		1,600,000,000	1,600,000,000	1,600,000,000	29,000,000,000	1,800,000	(C,DD)	1,800,000 (C,DD)	
2,4-Dimethylphenol	NA	7,400		7,600		150		NLV	NLV	NLV	ID	11,000,000		NLV		NLV	NLV	ID	36,000,000		43,000,000		
2,4-Dinitrophenol	NA	NA		NA							NA			NA		NA		NA			NA		
2,4-Dinitrotoluene	NA	430		(NA)		**		**	**	**	48,000			640		**	**	**	**	220,000		260,000	
2,6-Dinitrotoluene	NA	NA	(C)	NA	760,000	(C)		NLV	NLV	NLV	3,300,000,000	NA		NA		NLV	NLV	1,500,000,000	NA		NA		
2-Chloronaphthalene	NA	620,000		(NA)							56,000,000			1,800,000					180,000,000		210,000,000		
2-Chlorophenol	NA	900		440		NLL		ID	ID	ID	1,400,000			2,600		NLV	NLV	NLV	ID	4,500,000		5,300,000	
2-Methylnaphthalene	NA	57,000		(ID)		NLL		NLV	NLV	NLV	1,500,000			NLV		NLV	NLV	1,900,000	26,000,000		31,000,000		
2-Methylphenol	NA	NA		NA		NLL		NLV	NLV	NLV	ID			NA		ID	ID	ID	NA		NA		
2-Nitroaniline	NA	NA		NA		NLL		NLV	NLV	NLV	800,000,000	NA		NA		NLV	NLV	NLV	350,000,000	NA		NA	
2-Nitrophenol	NA	400		(ID)		NLL		NLV	NLV	NLV	ID			630,000		1,200	NLV	NLV	ID	2,000,000		2,400,000	
3,3'-Dichlorobenzidine	NA	2,000	(M)	2,000	(M,X)	310,000	(C)	NLV	NLV	NLV	NLV	47,000,000,000	6,600		2,000	(M)	NLV	NLV	NLV	21,000,000,000	30,000		36,000
3-Nitroaniline	NA	NA		NA		**		**	**	**	NA			**		**	**	**	**	NA		NA	
4,6-Dinitro-2-methylphenol	NA	830	(M)	(NA)	1,900,000		ID	ID	ID	ID	79,000			830	(M)	ID	ID	ID	ID	260,000		300,000	
4-Bromophenyl-phenylether	NA	NA		NA	3,000,000		NLV	NLV	NLV	NLV	ID			NA		NLV	NLV	ID	NA		NA		
4-Chloro-3-Methylphenol	NA	5,800		280		**		**	**	**	4,500,000			16,000		**	**	**	**	15,000,000		17,000,000	
4-Chloroaniline	NA	NA		NA		**		**	**	**	NA			NA		**	**	**	**	NA		NA	
4-Chlorophenyl-phenylether	NA	NA		NA	1,000,000,000		NLV	NLV	NLV	NLV	670,000,000	NA		NA		NLV	NLV	NLV	290,000,000	NA		NA	
4-Methylphenol	NA	NA		NA	820,000		NLV	NLV	NLV	ID				NA		NLV	NLV	ID	NA		NA		
4-Nitroaniline	NA	NA		NA	**		**	**	**	**	NA			NA		**	**	**	**	NA		NA	
4-Nitrophenol	NA	NA		NA	110,000		3,800	3,800	3,800	9,400,000	NA			NA		13,000	13,000	13,000	12,000,000	NA		NA	
Acenaphthene	NA	300,000		4,400	**		**	**	**	**	41,000,000			880,000		**	**	**	**	130,000,000		150,000,000	
Acenaphthylene	NA	5,800		(ID)		NLL		ID	ID	ID	1,600,000			17,000		ID	ID	ID	5,200,000		6,100,000		
Acetophenone	NA	30,000		(NA)	960,000		NLV	NLV	NLV	NLV	5,100,000,000	1,100,000	(C)	88,000		NLV	NLV	NLV	2,300,000,000	1,100,000	(C)	1,100,000 (C)	
Anthracene	NA	41,000		(ID)	10,000,000		NLV	NLV	NLV	NLV	4,700,000,000	230,000,000		41,000		NLV	NLV	NLV	2,100,000,000	730,000,000		860,000,000	
Atrazine	NA	60		150	(X)		**	**	**	**	71,000	(DD)		60		**	**	**	**	330,000	(DD)	390,000 (DD)	
Benzaldehyde	NA	NA		NA	170,000		NLV	NLV	NLV	NLV	16,000,000	NA		NA		NLV	NLV	NLV	20,000,000	NA		--	
Benzo(a)anthracene	NA	(NLL)		(NLL)	**		**	**	**	**	20,000	(Q)		(NLL)		**	**	**	**	80,000	(Q)	110,000 (Q)	
Benzo(a)pyrene	NA	(NLL)		(NLL)	4,600		NLV	NLV	NLV	NLV	6,500,000	2,000	(Q)	(NLL)		NLV	NLV	NLV	8,200,000	8,000	(Q)	11,000 (Q)	
Benzo(b)fluoranthene	NA	(NLL)		(NLL)	**		**	**	**	**	20,000	(Q)		(NLL)		**	**	**	**	80,000	(Q)	110,000 (Q)	
Benzo(g,h,i)perylene	NA	(NLL)		(NLL)	NLL		NLV	NLV	NLV	NLV	ID			2,500,000		(NLL)	NLV	NLV	ID	7,000,000		9,500,000	
Benzo(k)fluoranthene	NA	(NLL)		(NLL)	ID		ID	ID	ID	ID	200,000	(Q)		(NLL)		ID	ID	ID	ID	800,000	(Q)	1,100,000 (Q)	
bis(2-Chloroethoxy)methane	NA	NA		NA	740,000	(C)	NLV	NLV	NLV	NLV	3,300,000,000	NA		NA		NLV	NLV	NLV	1,500,000,000	NA		--	
bis(2-Chloroethyl)ether	NA	100	(I)	300	(I)	790,000	(C)	NLV	NLV	NLV	3,300,000,000	13,000	(I)	170	(I)	NLV	NLV	NLV	1,500,000,000	58,000	(I)	68,000 (I)	
bis(2-Chloroisopropyl)ether	NA	NA		NA	NLL		NLV	NLV	NLV	NLV	700,000,000	NA		NA		NLV	NLV	NLV	890,000,000	NA		--	
bis(2-Ethylhexyl)phthalate	NA	(NLL)		(NLL)	730,000		740,000,000	740,000,000	740,000,000	9,300,000,000	2,800,000			(NLL)		890,000,000	880,000,000	880,000,000	4,100,000,000	10,000,000	(C)	10,000,000 (C)	
Butylbenzylphthalate	NA	310,000	(C)	26,000	(X)	890,000		130,000,000	130,000,000	130,000,000	9,300,000,000	310,000	(C)	310,000	(C)	310,000	150,000,000	4,100,000,000	10,000,000	310,000	(C)	310,000 (C)	
Caprolactam	NA	120,000		(NA)	8,200		17,000	17,000	17,000	6,800,000	53,000,000	(DD)		340,000		56,000	56,000	56,000	8,500,000	310,000,000	(I,DD)	380,000,000 (DD)	
Carbazole	NA	9,400		1,100		350,000	(C)	130,000	130,000	130,000	140,000,000	530,000		39,000		460,000	460,000	460,000	180,000,000	2,400,000		2,900,000	
Chrysene	NA	(NLL)		(NLL)	720,000	(C)		50,000	50,000	50,000	13,000,000	2,000,000	(Q)	(NLL)		60,000	60,000	60,000	5,900,000	8,000,000	(Q)	11,000,000 (Q)	
Dibenzo(a,h)anthracene	NA	(NLL)		(NLL)	110,000		550,000	930,000	930,000	930,000	230,000,000	2,000	(Q)	(NLL)		660,000	1,400,000	1,400,000	100,000,000	8,000	(Q)	11,000 (Q)	
Dibenzofuran	NA	(ID)		1,700		NLL		NLV	NLV	NLV	ID			(ID)		(ID)	NLV	NLV	NLV	ID	(ID)		(ID)
Diethylphthalate	NA	110,000		2,200		2,400,000	(C)	NLV	NLV	NLV	12,000,000,000	740,000	(C)	320,000		320,000	NLV	NLV	NLV	8,200,000,000	740,000	(C)	740,000 (C)

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TABLE 2
NREPA PART 201 GENERIC SOIL CLEANUP CRITERIA AND SCREENING LEVELS

	Statewide Default Background Levels	Drinking Water Protection Criteria (ug/kg)	Groundwater/Surface Water Interface Protection Criteria (ug/kg)	Groundwater Contact Protection Criteria (ug/kg)	Residential and Commercial I Criteria					Particulate Soil Inhalation Criteria (ug/kg)	Direct Contact Criteria (ug/kg)	Industrial and Commercial Drinking Water Protection Criteria	Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for S Meter Source Thickness (ug/kg)	Finite VSIC for Z Meter Source Thickness (ug/kg)	Industrial and Commercial II, III, and IV Criteria							
					Immediate Source Volatile Soil Inhalation Criteria (VSIC) (ug/kg)	Finite VSIC for S Meter Source Thickness (ug/kg)	Finite VSIC for Z Meter Source Thickness (ug/kg)									Particulate Soil Inhalation Criteria (ug/kg)	Industrial and Commercial II Direct Contact Criteria (ug/kg)	Commercial IV Direct Contact Criteria (ug/kg)					
SVOCs cont'd																							
Dimethylphthalate	NA	790,000	(C)	(NA)		5,500,000	ID	ID	ID	790,000	(C)	790,000	(C)	ID	ID	ID	790,000	(C)	790,000	(C)			
Di-n-Butylphthalate	NA	760,000	(C)	11,000		16,000,000	NLV	NLV	NLV	6,700,000,000	760,000	(C)	760,000	(C)	NLV	NLV	2,900,000,000	760,000	(C)	760,000	(C)		
Di-n-Octylphthalate	NA	100,000,000		(ID)		16,000,000	NLV	NLV	NLV	6,700,000,000	6,900,000		140,000,000	(C)	NLV	NLV	2,900,000,000	20,000,000		26,000,000			
Fluoranthene	NA	730,000		5,500	**	**	**	**	**	46,000,000	730,000		**	**	**	**	130,000,000		170,000,000				
Fluorene	NA	390,000		5,300		1,600,000	NLV	NLV	NLV	27,000,000	890,000		NLV	NLV	NLV	ID	87,000,000		100,000,000				
Hexachlorobenzene	NA	1,800		350	**	**	**	**	**	8,900	1,800		**	**	**	**	37,000		49,000				
Hexachlorobutadiene	NA	26,000		91	**	**	**	**	**	100,000	72,000		**	**	**	**	350,000	(C)	350,000	(C)			
Hexachlorocyclopentadiene	NA	320,000		(ID)	**	**	**	**	**	720,000	(C)	320,000	**	**	**	**	720,000	(C)	720,000	(C)			
Hexachloroethane	NA	430		1,800	(X)	7,200	NLV	NLV	NLV	1,600,000	230,000		1,200		NLV	NLV	2,000,000	730,000		860,000			
Indeno(1,2,3-cd)pyrene	NA	(NLL)		(NLL)		700,000	NLV	NLV	ID	20,000	(Q)		(NLL)		NLV	NLV	NLV	ID	80,000	(Q)	110,000	(Q)	
Isophorone	NA	15,000		11,000	(X)	2,100,000	300,000	300,000	300,000	200,000,000	2,400,000	(C)	62,000		350,000	350,000	350,000	88,000,000	2,400,000	(C)	2,400,000	(C)	
Naphthalene	NA	35,000		870	(X)	220,000	54,000	54,000	54,000	47,000,000	16,000,000		100,000		64,000	64,000	64,000	21,000,000	52,000,000		61,000,000		
Nitrobenzene	NA	330	(LM)	3,600 (I,X)		140,000,000	(C)	NLV	NLV	NLV	ID	100,000	(I)	330	(LM)	NLV	NLV	NLV	ID	340,000	(I)	390,000	(I)
N-Nitroso-di-n-propylamine	NA	330	(M)	(NA)		4,300	NLV	NLV	NLV	100,000,000	1,200		330	(M)	NLV	NLV	NLV	130,000,000	5,400		6,400		
N-Nitrosodiphenylamine	NA	5,400		(NA)		1,100,000	160,000	160,000	160,000	6,700,000	1,700,000		22,000		190,000	190,000	190,000	2,900,000	7,800,000		9,200,000		
Pentachlorophenol	NA	22		26,500	(G,X)						90,000		22					320,000		490,000			
Phenanthrene	NA	56,000		5,300		12,000,000	(C)	NLV	NLV	NLV	40,000,000,000	1,600,000		160,000		NLV	NLV	NLV	18,000,000,000	5,200,000		6,100,000	
Phenol	NA	88,000		4,200		480,000		650,000,000	650,000,000	6,700,000,000	12,000,000	(C,DD)	260,000		780,000,000	780,000,000	780,000,000	2,900,000,000	12,000,000	(C,DD)	12,000,000	(C,DD)	
Pyrene	NA	480,000		(ID)		9,100,000	NLV	NLV	NLV	23,000,000,000	29,000,000		480,000		NLV	NLV	NLV	10,000,000,000	84,000,000		110,000,000		
Total Methylphenols	NA	7,400	(J)	1,400	(J)	200,000	NLV	NLV	NLV	1,000,000,000	11,000,000	(J)	20,000	(J)	NLV	NLV	NLV	1,300,000,000	36,000,000	(J)	43,000,000	(J)	
PCBs																							
PCB-1016	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1221	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1232	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1242	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1248	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1254	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB-1260	NA	NA		NA		NA		NA	NA	NA	NA		NA		NA	NA	NA	NA	NA		NA		
PCB, Total	NA	NLL		NLL		NLL	240000	7900000	79000000	5200000	4,000	(J,T)	NLL		810000	28000000	28000000	6500000	16,000	(J,T)	22,000	(J,T)	

Notes:
1. NA - Not applicable - no criteria established.
2. ID - Inadequate data to develop criterion.
3. NLL - Hazardous substance is not likely to leach under most soil conditions.
4. Hardness value dependent GSI calculations used a value of 280 ppm (conversation with MDEQ (Cooper, 12/8/03)) which is representative of Flint River.
pH dependent GSI calculations used a value of 6.93 s.u. which was recorded at TW-1 at time of sampling.
5. MDEQ Part 201 Criteria taken from Michigan DEQ Act 451, Part 201, Operational Memorandum 18.
* MDEQ Part 201 Criteria are for Total Xylenes.
Footnotes for MDEQ Criteria are defined in Table 8.

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TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA

Sample ID: Date Collected:	Units	MW404 04/23/04	TW-1 12/29/03	TW-6 08/09/07	TW-6 11/07/07	TW-7 08/09/07	TW-7 11/07/07	TW-8 08/09/07	TW-8 11/07/07
Inorganics (Total Metals)									
Aluminum	ug/L	NA	NA	986 (RDW-A,H; IDW-A)	30	26	7	5.00 U	15
Antimony	ug/L	NA	5.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Arsenic	ug/L	2.00 U	5.00	2.00	6	1.00 U	1.00 U	17 (RDW-A,H; IDW-A,H)	16 (RDW-A,H; IDW-A,H)
Barium	ug/L	80.0	300	104	70	19	16	73	75
Beryllium	ug/L	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cadmium	ug/L	0.500 U	0.500 U	9.6 (RDW-A; IDW-A)	<0.5	0.500 U	0.500 U	0.500 U	0.500 U
Calcium	ug/L	NA	NA	197,000	198000	43,400	43300	77,900	70900
Chromium	ug/L	5.00 U	5.00 U	77	8	5.00 U	5.00 U	5.00 U	5.00 U
Cobalt	ug/L	NA	10.0 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Copper	ug/L	NA	10.0 U	24 (GSI)	4	1.00	1.00 U	1.00 U	1.00 U
Iron	ug/L	NA	NA	14300 (RDW-A,H; IDW-A,H)	4190 (RDW-A,H; IDW-A,H)	150	190	1510	1510
Lead	ug/L	3.00 U	3.00 U	4.00	<3	3.00 U	3.00 U	3.00 U	3.00 U
Magnesium	ug/L	NA	NA	93600 (RDW-A)	71300 (RDW-A)	12,500	12800	21,200	19800
Manganese	ug/L	NA	1,200 (IDW-A,RDW-A,RDW-H)	436 (RDW-A)	460 (RDW-A)	27	5	182 (RDW-A)	161 (RDW-A)
Mercury	ug/L	0.200 U	0.100 U	5.00 U	5.00 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	ug/L	NA	5.00 U	26	12	5.00 U	5.00 U	5.00 U	5.00 U
Potassium	ug/L	NA	NA	7,880	5080	930	800	660	730
Selenium	ug/L	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Silver	ug/L	0.500 U	0.500 U	0.3	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Sodium	ug/L	NA	NA	119,000	146000 (RDW-A)	2,810	2940	7,980	8350
Thallium	ug/L	NA	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vanadium	ug/L	NA	5.00 U	5 (RDW-A)	5 (RDW-A)	4.00 U	4.00 U	4.00 U	4.00 U
Zinc	ug/L	NA	10.0 U	97	29	18	8	5.0 U	76
Inorganics-Filtered									
Antimony	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA
Arsenic	ug/L	NA	4	NA	NA	NA	NA	NA	NA
Barium	ug/L	NA	300	NA	NA	NA	NA	NA	NA
Beryllium	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA
Cadmium	ug/L	NA	0.5 U	NA	NA	NA	NA	NA	NA
Chromium	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA
Cobalt	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA
Copper	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA
Lead	ug/L	NA	3 U	NA	NA	NA	NA	NA	NA
Manganese	ug/L	NA	1,200 (IDW-A,RDW-A,RDW-H)	NA	NA	NA	NA	NA	NA
Mercury	ug/L	NA	0.1 U	NA	NA	NA	NA	NA	NA
Nickel	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA
Selenium	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA
Silver	ug/L	NA	0.5 U	NA	NA	NA	NA	NA	NA
Thallium	ug/L	NA	1 U	NA	NA	NA	NA	NA	NA
Vanadium	ug/L	NA	5 U	NA	NA	NA	NA	NA	NA
Zinc	ug/L	NA	10 U	NA	NA	NA	NA	NA	NA
Other Parameters									
Turbidity	ntu	NM	27.3	NM	4.0	3.86	4.64	1.60	1.19
pH	S.U.	6.8	6.93	7.28	7.70	7.76	8.10	7.09	7.96

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TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA

Sample ID: Date Collected:	Units	MW404 04/23/04	TW-1 12/29/03	TW-6 08/09/07	TW-6 11/07/07	TW-7 08/09/07	TW-7 11/07/07	TW-8 08/09/07	TW-8 11/07/07
Volatile Organics									
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	NA	30 U	30 U	30 U	30 U	30 U	30 U	30 U
1,1,2-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	ug/L	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dibromo-3-chloropropane	ug/L	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	ug/L	30 U	30 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Hexanone	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	ug/L	50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Acetone	ug/L	30 U	0.50 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoforn	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	ug/L	NA	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Carbon Disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Tetrachloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	ug/L	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Acetate	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl cyclohexane	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Methyl tert-butyl ether	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Naphthalene	ug/L	5.0 U	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/L	1.0 U	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	ug/L	1.0 U	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	ug/L	1.0 U	NA	NA	NA	NA	NA	NA	NA
p-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
p,m-Xylene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	ug/L	1.0 U	1.0 U	1.0 U	5 U	5 U	5 U	5 U	5 U
sec-Butylbenzene	ug/L	1.0 U	NA	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	ug/L	1.0 U	NA	NA	NA	NA	NA	NA	NA
tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	ug/L	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes (total)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

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Semivolatile Organics									
1,1'-Biphenyl	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrophenol	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2,4-Dinitrotoluene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ug/L	5.0 U	0.40	2 U	2 U	2 U	2 U	2 U	2 U
2-Methylphenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	ug/L	NA	5.0 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,4,4-Methylphenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl-phenylether	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-Methylphenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl-phenylether	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Nitrophenol	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Acenaphthylene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetophenone	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Atrazine	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzaldehyde	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	ug/L	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Benzo(a)pyrene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(b)fluoranthene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h)perylene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(k)fluoranthene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
bis(2-Chloroethoxy)methane	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)ether	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroisopropyl)ether	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	ug/L	NA	0.70	0.70	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butylbenzylphthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Caprolactam	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	ug/L	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenzo(a,h)anthracene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Dibenzofuran	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzophthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethylphthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethylphthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-Butylphthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-Octylphthalate	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Fluorene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Hexachlorobenzene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	ug/L	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Phenol	ug/L	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	ug/L	5.0 U	5.0 U	2 U	2 U	2 U	2 U	2 U	2 U
Total Methylphenols	ug/L	NA	5.0 U	NA	NA	NA	NA	NA	NA

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
AND ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA

Sample ID: Date Collected:	Units	MW404 04/23/04	TW-1 12/29/03	TW-6 08/09/07	TW-6 11/07/07	TW-7 08/09/07	TW-7 11/07/07	TW-8 08/09/07	TW-8 11/07/07
PCBs									
Aroclor-1016	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1221	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1232	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1242	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1248	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1254	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aroclor-1260	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total PCBs	ug/L	0.10 U	0.010 U	0.2 UL	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Notes:

Shading indicates an exceedance of at least one criteria.

U - constituent not detected

L - Elevated reporting limit due to low sample amount.

s.u. - standard units.

RDW - Residential Drinking Water.

IDW - Industrial Drinking Water.

GSI - Groundwater Surface Water Interface.

A - aesthetic drinking water value.

H - health-based drinking water value.

NM - not measured

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 4
NREPA PART 201 GENERIC GROUNDWATER CLEANUP CRITERIA AND SCREENING LEVELS

	Residential and Commercial I Drinking Water Criteria (ug/l)		Industrial and Commercial II, III, & IV Drinking Water Criteria (ug/l)		Groundwater/ Surface Water Interface Criteria (ug/l)	Groundwater Contact Criteria (ug/l)	Flammability and Explosivity Level (ug/l)	Acute Inhalation Screening Level (ug/l)
	Aesthetic	Health	Aesthetic	Health				
Inorganics								
Aluminum	50 (E,V)	300 (E,V)	50 (E,V)	4100 (E,V)	NA	64,000,000	ID	ID
Antimony	6 {A}	6 {A}	6 {A}	6 {A}	130 {X}	68,000	ID	ID
Arsenic	10 {A}	10 {A}	10 {A}	10 {A}	150 {X}	4,300	ID	ID
Barium	2,000 {B,A}	2,000 {B,A}	2,000 {B,A}	2,000 {B,A}	1,308 {B,G,X}	14,000,000 {B}	ID	ID
Beryllium	4 {A}	4 {A}	4 {A}	4 {A}	32.3 {G}	290,000	ID	ID
Cadmium	5 {B,A}	5 {B,A}	5 {B,A}	5 {B,A}	4.8 {B,G,X}	190,000 {B}	ID	ID
Chromium	100 {A}	100 {A}	100 {A}	100 {A}	11	460,000	ID	ID
Cobalt	40	40	100	100	100	2,400,000	ID	ID
Copper	1,000 {B,E}	1,400 {B,E}	1,000 {B,E}	4,000 {B,E}	21.6 {B,G}	7,400,000 {B}	ID	ID
Iron	300 {E}	700 {E}	300 {E}	700 {E}	NA	5,800,000	ID	ID
Lead	4 {B,L}	4 {B,L}	4 {B,L}	4 {B,L}	30.9 {B,G,X}	{ID}	ID	ID
Magnesium	400,000	400,000	110,000	110,000	NA	1,000,000,000 {D}	ID	ID
Manganese	50 {B,E}	860 {B,E}	50 {B,E}	2,500 {B,E}	4,767 {B,G,X}	9,100,000 {B}	ID	ID
Mercury	2 {B,Z,A}	2 {B,Z,A}	2 {A,B,Z}	2 {A,B,Z}	0.0013 {B,Z}	56 {B,Z,S}	ID	ID
Nickel	100 {B,A}	100 {B,A}	100 {B,A}	100 {B,A}	124.3 {B,G}	74,000,000 {B}	ID	ID
Selenium	50 {B,A}	50 {B,A}	50 {B,A}	50 {B,A}	5 {B}	970,000 {B}	ID	ID
Silver	34 {B}	34 {B}	98 {B}	98 {B}	0.2 {B,M}	1,500,000 {B}	ID	ID
Thallium	2 {B,A}	2 {B,A}	2 {B,A}	2 {B,A}	3.7 {B,I,X}	13,000 {B}	ID	ID
Vanadium	4.5	4.5	62	62	12	970,000	ID	ID
Zinc	2,400 {B}	2,400 {B}	5,000 {B,E}	5,000 {B,E}	282.7 {B,G}	110,000,000 {B}	ID	ID
Inorganics-Filtered								
Antimony	6 {A}	6 {A}	6 {A}	6 {A}	130 {X}	68,000	ID	ID
Arsenic	10 {A}	10 {A}	10 {A}	10 {A}	150 {X}	4,300	ID	ID
Barium	2,000 {B,A}	2,000 {B,A}	2,000 {B,A}	2,000 {B,A}	1,308 {B,G,X}	14,000,000 {B}	ID	ID
Beryllium	4 {A}	4 {A}	4 {A}	4 {A}	32.3 {G}	290,000	ID	ID
Cadmium	5 {B,A}	5 {B,A}	5 {B,A}	5 {B,A}	4.8 {B,G,X}	190,000 {B}	ID	ID
Chromium	100 {A}	100 {A}	100 {A}	100 {A}	11	460,000	ID	ID
Cobalt	40	40	100	100	100	2,400,000	ID	ID
Copper	1,000 {B,E}	1,400 {B,E}	1,000 {B,E}	4,000 {B,E}	21.6 {B,G}	7,400,000 {B}	ID	ID
Lead	4 {B,L}	4 {B,L}	4 {B,L}	4 {B,L}	30.9 {B,G,X}	{ID}	ID	ID
Manganese	50 {B,E}	860 {B,E}	50 {B,E}	2,500 {B,E}	4,767 {B,G,X}	9,100,000 {B}	ID	ID
Mercury	2 {B,Z,A}	2 {B,Z,A}	2 {A,B,Z}	2 {A,B,Z}	0.0013 {B,Z}	56 {B,Z,S}	ID	ID
Nickel	100 {B,A}	100 {B,A}	100 {B,A}	100 {B,A}	124.3 {B,G}	74,000,000 {B}	ID	ID
Selenium	50 {B,A}	50 {B,A}	50 {B,A}	50 {B,A}	5 {B}	970,000 {B}	ID	ID
Silver	34 {B}	34 {B}	98 {B}	98 {B}	0.2 {B,M}	1,500,000 {B}	ID	ID
Thallium	2 {B,A}	2 {B,A}	2 {B,A}	2 {B,A}	3.7 {B,I,X}	13,000 {B}	ID	ID
Vanadium	4.5	4.5	62	62	12	970,000	ID	ID
Zinc	2,400 {B}	2,400 {B}	5,000 {B,E}	5,000 {B,E}	282.7 {B,G}	110,000,000 {B}	ID	ID
VOCs								
1,1,1-Trichloroethane	200 {A}	200 {A}	200 {A}	200 {A}	200	1,300,000 {S}	ID	1,300,000
1,1,2,2-Tetrachloroethane	8.5	8.5	35	35	78 {X}	4,700	ID	ID
1,1,2-trichloro-1,2,2-trifluoroethane	170,000 {S}	170,000 {S}	170,000 {S}	170,000 {S}	32	170,000 {S}	ID	170,000
1,1,2-Trichloroethane	5 {A}	5 {A}	5 {A}	5 {A}	330 {X}	21,000	ID	ID
1,1-Dichloroethane	880	880	2,500	2,500	740	2,400,000	380,000	ID
1,1-Dichloroethene	7 {I,A}	7 {I,A}	7 {I,A}	7 {I,A}	65 {I,X}	11,000 {I}	97,000	140,000
1,2,4-Trichlorobenzene	70 {A}	70 {A}	70 {A}	70 {A}	30	19,000	ID	300,000
1,2,4-Trimethylbenzene	63 {I,E}	1,000 {I,E}	63 {I,E}	2,900 {I,E}	17 {I}	56,000 {I,S}	56,000	ID
1,2-Dibromo-3-chloropropane	0.2 {A}	0.2 {A}	0.2 {A}	0.2 {A}	{NA}	390	ID	ID
1,2-Dibromoethane	0.05 {A}	0.05 {A}	0.05 {A}	0.05 {A}	0.2 {X}	25	ID	ID
1,2-Dichlorobenzene	600 {A}	600 {A}	600 {A}	600 {A}	16	160,000 {S}	ID	160,000
1,2-Dichloroethane	5 {I,A}	5 {I,A}	5 {I,A}	5 {I,A}	360 {I,X}	19,000 {I}	380,000	ID
1,2-Dichloropropane	5 {I,A}	5 {I,A}	5 {I,A}	5 {I,A}	290 {I,X}	16,000 {I}	550,000	2,800,000
1,3,5-Trimethylbenzene	72 {I,E}	1,000 {I,E}	72 {I,E}	2,900 {I,E}	45 {I}	61,000 {I,S}	ID	ID
1,3-Dichlorobenzene	6.6	6.6	19	19	38	2,000	ID	ID
1,4-Dichlorobenzene	75 {A}	75 {A}	75 {A}	75 {A}	13	6,400	ID	ID
2-Butanone	13,000 {I}	13,000 {I}	38,000 {I}	38,000 {I}	2,200 {I}	240,000,000 {I,S}	ID	240,000,000
2-Hexanone	1,000	1,000	2,900	2,900	{NA}	5,200,000	ID	ID
4-Methyl-2-pentanone	1,800 {I}	1,800 {I}	5,200 {I}	5,200 {I}	{ID}	13,000,000 {I}	ID	20,000,000
Acetone	730 {I}	730 {I}	2,100 {I}	2,100 {I}	1,700 {I}	31,000,000 {I}	15,000,000	1,000,000,000
Benzene	5 {I,A}	5 {I,A}	5 {I,A}	5 {I,A}	200 {I,X}	11,000 {I}	68,000	67,000
Bromodichloromethane	80 {AW}	80 {AW}	80 {A,W}	80 {A,W}	{ID}	14,000	ID	ID

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 4
NREPA PART 201 GENERIC GROUNDWATER CLEANUP CRITERIA AND SCREENING LEVELS

	Residential and Commercial I Drinking Water Criteria (ug/l)		Industrial and Commercial II, III, & IV Drinking Water Criteria (ug/l)		Groundwater/ Surface Water Interface Criteria (ug/l)	Groundwater Contact Criteria (ug/l)	Flammability and Explosivity Level (ug/l)	Acute Inhalation Screening Level (ug/l)
	Aesthetic	Health	Aesthetic	Health				
VOCs (continued)								
Bromoform	80 {AW}	80 {AW}	80 {A,W}	80 {A,W}	{ID}	140,000	ID	ID
Bromomethane	10	10	29	29	35	70,000	ID	ID
Carbon Disulfide	800 {I,R}	800 {I,R}	2,300 {I,R}	2,300 {I,R}	{ID}	1,200,000 {I,R,S}	13,000	ID
Carbon Tetrachloride	5 {A}	5 {A}	5 {A}	5 {A}	45 {X}	4,600	ID	96,000
Chlorobenzene	100 {I,A}	100 {I,A}	100 {I,A}	100 {I,A}	47 {I}	86,000 {I}	160,000	ID
Chloroethane	430	430	1,700	1,700	{ID}	440,000	110,000	ID
Chloroform	80 {A,W}	80 {A,W}	80 {A,W}	80 {A,W}	170 {X}	150,000	ID	ID
Chloromethane	260 {I}	260 {I}	1,100 {I}	1,100 {I}	{ID}	490,000 {I}	36,000	210,000
cis-1,2-Dichloroethene	70 {A}	70 {A}	70 {A}	70 {A}	620	200,000	530,000	ID
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ID	ID
Cyclohexane	NA	NA	NA	NA	NA	NA	ID	ID
Dibromochloromethane	80 {A,W}	80 {A,W}	80 {A,W}	80 {A,W}	{ID}	18,000	ID	ID
Dichlorodifluoromethane	1,700	1,700	4,800	4,800	{ID}	300,000 {S}	ID	ID
Ethylbenzene	74 {I,E}	700 {I,E}	74 {I,E}	700 {I,E}	18 {I}	170,000 {I,S}	43,000	170,000
Isopropylbenzene	800	800	2,300	2,300	{ID}	56,000 {S}	29,000	ID
Methyl Acetate	NA	NA	NA	NA	NA	NA	ID	ID
Methyl cyclohexane	NA	NA	NA	NA	NA	NA	ID	ID
Methyl tert-butyl ether	40 {E}	240 {E}	40 {E}	690 {E}	730 {X}	610,000	ID	ID
Methylene Chloride	5 {A}	5 {A}	5 {A}	5 {A}	940 {X}	220,000	ID	ID
Naphthalene	520	520	1,500	1,500	13	31,000 {S}	NA	31,000
n-Butylbenzene	80	80	230	230	{ID}	5,900	ID	ID
n-Propylbenzene	80 {I}	80 {I}	230 {I}	230 {I}	{ID}	15,000 {I}	ID	ID
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
p,m-Xylene	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	80	80	230	230	{ID}	4,400	ID	ID
Styrene	100 {A}	100 {A}	100 {A}	100 {A}	80	9,700	140000	310000
tert-Butylbenzene	80 {I}	80 {I}	230 {I}	230 {I}	{ID}	8,900 {I}	ID	ID
Tetrachloroethene	5 {A}	5 {A}	5 {A}	5 {A}	45 {X}	12,000	ID	200,000
Toluene	790 {I,E}	1,000 {I,E}	790 {I,E}	1,000 {I,E}	140 {I}	530,000 {I,S}	61,000	ID
trans-1,2-Dichloroethene	100 {A}	100 {A}	100 {A}	100 {A}	1,500	220,000	230,000	ID
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	ID	ID
Trichloroethene	5 {A}	5 {A}	5 {A}	5 {A}	200 {X}	22,000	ID	1,100,000
Trichlorofluoromethane	2,600	2,600	7,300	7,300	{NA}	1,100,000 {S}	ID	1,100,000
Vinyl Acetate	640 {I}	640 {I}	1,800 {I}	1,800 {I}	{NA}	8,000,000 {I}	1,800,000	4,800,000
Vinyl Chloride	2 {A}	2 {A}	2 {A}	2 {A}	15	1,000	33,000	ID
Xylenes (total)	280 {I,E}	10,000 {I,E}	280 {I,E}	10,000 {I,E}	35 {I}	190,000 {I,S}	70,000	190,000
SVOCs								
1,1'-Biphenyl	NA	NA	NA	NA	NA	NA	ID	ID
2,4,5-Trichlorophenol	730	730	2,100	2,100	{NA}	170,000	ID	ID
2,4,6-Trichlorophenol	120	120	470	470	4.4	10,000	ID	ID
2,4-Dichlorophenol	73	73	210	210	19	48,000	ID	ID
2,4-Dimethylphenol	370	370	1,000	1,000	380	520,000	ID	ID
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	ID	ID
2,4-Dinitrotoluene	7.7	7.7	32	32	{NA}	8,600	ID	ID
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	ID	ID
2-Chloronaphthalene	1,800	1,800	5,200	5,200	{NA}	6,700 {S}	ID	ID
2-Chlorophenol	45	45	130	130	22	94,000	ID	ID
2-Methylnaphthalene	260	260	750	750	{ID}	25,000 {S}	ID	ID
2-Methylphenol	NA	NA	NA	NA	NA	NA	ID	ID
2-Nitroaniline	NA	NA	NA	NA	NA	NA	ID	ID
2-Nitrophenol	20	20	58	58	{ID}	79,000	ID	ID
3&4-Methylphenol	NA	NA	NA	NA	NA	NA	NA	ID
3,3'-Dichlorobenzidine	1.1	1.1	4.3	4.3	0.3 {X}	180	ID	ID
3-Nitroaniline	NA	NA	NA	NA	NA	NA	ID	ID
4,6-Dinitro-2-methylphenol	20 {M}	20 {M}	20 {M}	20 {M}	{NA}	9,500	ID	ID
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	NA	ID	ID
4-Chloro-3-Methylphenol	150	150	420	420	7.4	79,000	ID	ID
4-Chloroaniline	NA	NA	NA	NA	NA	NA	ID	ID
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	NA	ID	ID
4-Nitroaniline	NA	NA	NA	NA	NA	NA	ID	ID
4-Nitrophenol	NA	NA	NA	NA	NA	NA	ID	ID
Acenaphthene	1,300	1,300	3,800	3,800	19	4,200 {S}	ID	ID
Acenaphthylene	52	52	150	150	{ID}	3,900 {S}	ID	ID
Acetophenone	1,500	1,500	4,400	4,400	{ID}	6,100,000 {S}	ID	ID

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
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TABLE 4
NREPA PART 201 GENERIC GROUNDWATER CLEANUP CRITERIA AND SCREENING LEVELS

	Residential and Commercial I Drinking Water Criteria (ug/l)		Industrial and Commercial II, III, & IV Drinking Water Criteria (ug/l)		Groundwater/ Surface Water Interface Criteria (ug/l)	Groundwater Contact Criteria (ug/l)	Flammability and Explosivity Level (ug/l)	Acute Inhalation Screening Level (ug/l)
	Aesthetic	Health	Aesthetic	Health				
SVOCs								
Anthracene	43 {S}	43 {S}	43 {S}	43 {S}	{ID}	43 {S}	ID	ID
Atrazine	3 {A}	3 {A}	3 {A}	3 {A}	7.3 {X}	5,400	ID	ID
Benzaldehyde	NA	NA	NA	NA	NA	NA	ID	ID
Benzo(a)anthracene	2.1 {Q}	2.1 {Q}	8.5 {Q}	8.5 {Q}	{ID}	9.4 {Q,S,AA}	ID	ID
Benzo(a)pyrene	5 {Q,A}	5 {Q,A}	5 {Q,A}	5 {Q,A}	{ID}	1 {Q,M,AA}	ID	ID
Benzo(b)fluoranthene	1.5 {Q,S,AA}	1.5 {Q,S,AA}	1.5 {Q,S,AA}	1.5 {Q,S,AA}	{ID}	1.5 {Q,S,AA}	ID	ID
Benzo(g,h,i)perylene	1 {M}	1 {M}	1 {M}	1 {M}	{NA}	1 {M,A,A}	ID	ID
Benzo(k)fluoranthene	1 {Q}	1 {Q}	1 {Q,M}	1 {Q,M}	{NA}	1 {Q,M,AA}	ID	ID
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	ID	ID
bis(2-Chloroethyl)ether	2 {I}	2 {I}	8.3 {I}	8.3 {I}	15 {I,X}	5,700 {I}	17,000,000	17,000,000
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	6 {A}	6 {A}	6 {A}	6 {A}	32	320 {AA}	ID	340
Butylbenzylphthalate	1,200	1,200	2,700 {S}	2,700 {S}	14 {X}	2,700 {S}	ID	ID
Caprolactam	5,800	5,800	17,000	17,000	{NA}	390,000,000	ID	1,000,000,000
Carbazole	85	85	350	350	10 {M}	7,400	ID	ID
Chrysene	1.6 {S,Q}	1.6 {S,Q}	1.6 {Q,S}	1.6 {Q,S}	{ID}	1.6 {Q,S,AA}	ID	ID
Dibenzo(a,h)anthracene	2 {Q,M}	2 {Q,M}	2 {Q,M}	2 {Q,M}	{ID}	2 {Q,M,AA}	ID	ID
Dibenzofuran	{ID}	{ID}	{ID}	{ID}	4	{ID}	ID	ID
Diethylphthalate	5,500	5,500	16,000	16,000	110	1,100,000 {S}	ID	ID
Dimethylphthalate	73,000	73,000	210,000	210,000	{NA}	4,200,000 {S}	ID	ID
Di-n-Butylphthalate	880	880	2,500	2,500	9.7	11,000 {S}	ID	ID
Di-n-Octylphthalate	130	130	380	380	{ID}	400	ID	ID
Fluoranthene	210 {S}	210 {S}	210 {S}	210 {S}	1.6	210 {S}	ID	ID
Fluorene	880	880	2,000 {S}	2,000 {S}	12	2,000 {S}	ID	ID
Hexachlorobenzene	1 {A}	1 {A}	1 {A}	1 {A}	0.2 {M}	4.6	ID	ID
Hexachlorobutadiene	15	15	42	42	0.05	400	ID	ID
Hexachlorocyclopentadiene	50 {A}	50 {A}	50 {A}	50 {A}	{ID}	1,600	ID	ID
Hexachloroethane	7.3	7.3	21	21	6.7 {X}	1,900	ID	ID
Indeno(1,2,3-cd)pyrene	2 {Q,M}	2 {Q,M}	2 {Q,M}	2 {Q,M}	{ID}	2 {Q,M,AA}	ID	ID
Isophorone	770	770	3,100	3,100	570 {X}	990,000	ID	12,000,000
Naphthalene	520	520	1,500	1,500	13	31,000 {S}	ID	31,000
Nitrobenzene	3.4 {I}	3.4 {I}	9.6 {I}	9.6 {I}	180 {I,X}	11,000 {I}	ID	ID
N-Nitroso-di-n-propylamine	5 {M}	5 {M}	5 {M}	5 {M}	{NA}	360	ID	ID
N-Nitrosodiphenylamine	270	270	1,100	1,100	{NA}	35,000 {S}	ID	ID
Pentachlorophenol	1 {A}	1 {A}	1 {A}	1 {A}	2.8 {G,X}	200	ID	ID
Phenanthrene	52	52	150	150	2.4	1,000 {S}	ID	ID
Phenol	4,400	4,400	13,000	13,000	210	29,000,000	ID	ID
Pyrene	140 {S}	140 {S}	140 {S}	140 {S}	{ID}	140 {S}	ID	ID
Total Methylphenols	370 {J}	370 {J}	1,000 {J}	1,000 {J}	71 {J}	810,000 {J}	ID	ID
PCBs								
Aroclor-1016	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.5 {J,T,A}	0.5 {J,T,A}	0.5 {J,T,A}	0.5 {J,T,A}	0.2 {J,T,M}	3.3 {J,T,AA}	ID	ID

Notes:

1. NA - Not applicable - no criteria established.
 2. ID - Inadequate data to develop criterion.
 3. NLV- Hazardous substance is not likely to volatilize under most soil conditions.
 4. Hardness value dependent GSI calculations used a value of 280 ppm (conversation with MDEQ (Cooper, 12/8/03)) which is representative of Flint River. pH dependent GSI calculations used a value of 6.93 s.u. which was recorded at TW-1 at time of sampling.
 5. MDEQ Part 201 Criteria taken from Michigan DEQ Act 451, Part 201, Operational Memorandum 18.
- Footnotes for MDEQ Criteria are defined in Table 8.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 5
FOOTNOTES FOR GROUNDWATER AND SOIL NREPA PART 201 CRITERIA TABLES

A	Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of 1976 PA 399, MCL 325.1005.
B	Background, as defined in R299-5701(b), may be substituted if higher than the calculated cleanup criterion. Background levels may be less than criteria for some inorganic compounds.
C	Value presented is a screening level based on the chemical-specific generic soil saturation concentration (C_{sat}) since the calculated risk-based criterion is greater than C_{sat} . Concentrations greater than C_{sat} are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase material containing a hazardous substance is not present.
D	Calculated criterion exceeds 100%, hence it is reduced to 100% (i.e., 1.0E+9 µg/l or 1.0E+06 mg/l).
E	Criterion is the aesthetic drinking water value, as required by Sec. 20120a(5) of the act.
F	Criterion is based on adverse impacts to plant life (i.e., phytotoxicity).
G	GSI Criteria -FCV are calculated using a site-specific pH of 8.2 s.u. and hardness of 275 mg/L (as CaCO ₃). The hardness value was obtained during a phone conversation that ARCADIS had with the MDEQ (on 12/08/2003) which determined the hardness by averaging results from the Michigan Surface Water Information Management System (SWIMS) (http://www.mcgi.state.mi.us/miswims) for the following MDEQ Sampling Stations: 250098, 250100, and 250347. The pH value was determined from the average of the pH results (by calculating and averaging hydrogen concentrations) from the SWIMS for the following MDEQ Sampling Stations: 250164, 250165, 250166, and 250099.
H	Valence-specific chromium data (Cr ⁺³ and Cr ⁺⁶) shall be compared to the corresponding valence-specific cleanup criteria. If both Cr ⁺³ and Cr ⁺⁶ are present in groundwater, the total concentration of both cannot exceed the drinking water criterion of 100 µg/L. If analytical data are provided to total chromium only, they shall be compared to the cleanup criteria for Cr ⁺⁶ . Cr ⁺³ soil cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future, through an approved land or resource use restriction.
I	Hazardous substance may exhibit the characteristic of ignitability as defined in 40 CFR 261.21 (revised as of July 1, 2001).
J	Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria.
K	Hazardous substance may be flammable or explosive, or both.
L	Higher groundwater concentrations (up to 15 ug/L) may be acceptable if the soil concentration is less than 400 ppm and groundwater migrating off-site will not result in unacceptable exposures.
M	Calculated criterion is below the analytical Target Detection Limit (TDL), therefore, the criterion defaults to the TDL.
N	The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) must be added together and compared to nitrate criteria.
O	The concentration of all polychlorinated and polybrominated dibenzodioxin isomers present at a facility, expressed as an equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin based on their relative potency, must be added together and compared to the criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin.
P	Amenable cyanide methods or method OIA-1677 shall be used to quantify cyanide concentrations for compliance with all groundwater criteria. Total cyanide methods or method OIA-1677 shall be used to quantify cyanide concentrations for compliance with soil criteria. Industrial/ commercial direct contact criteria may not be protective of the potential for release of hydrogen cyanide gas. Additional land or resource use restrictions may be necessary to protect for the acute inhalation concerns associated with hydrogen cyanide gas.
Q	Criteria for carcinogenic polycyclic aromatic hydrocarbons (PAHs) were developed using "relative potential potencies" (RPPs) to benzo(a)pyrene.
R	Hazardous substance may exhibit the characteristic of reactivity as defined in 40 CFR 261.23 (revised as of July 1, 2001).
S	Criterion defaults to the chemical-specific water solubility limit.

ATTACHMENT 1

DUE CARE PLAN
GENERAL MOTORS CORPORATION
56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700

TABLE 5
FOOTNOTES FOR GROUNDWATER AND SOIL NREPA PART 201 CRITERIA TABLES

T	Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, to determine the applicability of TSCA cleanup standards. Alternatives to compliance with the TSCA standards are possible under Subpart D. New releases may be subject to the standards identified in Subpart G. Use Part 201 soil direct contact criteria where TSCA standards are not applicable.
U	Hazardous substance may exhibit the characteristic of corrosivity as defined in 40 CFR 261.22.
V	Criterion is the aesthetic drinking water value, as required by Sec. 20120(a)(5). Higher concentrations (up to 200 ug/L) may be acceptable, and still allow for drinking water use, as part of a site-specific cleanup under Section 20120a(2) of the act.
W	Concentrations of trihalomethanes in groundwater must be added together to determine compliance with the State of Michigan Drinking Water Standard of 80 µg/L. Concentrations of trihalomethanes in soil must be added together to determine compliance with the DWPC of 1,600 µg/kg.
X	The GSI criterion shown in the generic cleanup criteria tables is not protective for surface water that is used as a drinking water source.
Y	Source size modifiers included in footnotes shall be used to determine soil inhalation criteria for ambient air when the source size is not 1/2-acre. The modifier shall be multiplied by the generic soil inhalation criteria shown in the table of generic cleanup criteria to determine the applicable criterion.
Z	Mercury is typically measured as total mercury. The generic cleanup criteria, however, are based on data for different species of mercury. Comparison to criteria shall be based on species-specific analytical data only if sufficient facility characterization has been conducted to rule out the presence of other species of mercury.
AA	Comparison to these criteria may take into account an evaluation of whether the hazardous substances are adsorbed to particulates rather than dissolved in water and whether filtered groundwater samples were used to evaluate groundwater.
BB	The state drinking water standard for asbestos is in units of fibers per milliliter of water (f/mL) longer than 10 millimicrons. Soil concentrations of asbestos are determined by polarized light microscopy (PLM).
CC	The generic GSI criteria are based on the toxicity of unionized ammonia; the criteria are 29 ug/L and 53 ug/L for coldwater and warmwater surface water, respectively. As a result, the GSI criterion shall be compared to the percent of the total ammonia concentration in the groundwater that will become NH ₃ in the surface water. This percent NH ₃ is a function of the pH and temperature of the receiving surface water and can be estimated using the table provided in the footnote.
DD	Hazardous substance causes developmental effects. Residential and Commercial I DCC are protective of both prenatal and postnatal exposure. Industrial and Commercial II, III and IV DCC are protective for an adult pregnant receptor.
EE	The following are applicable generic GSI criteria as allowed for under Sec. 20120a(15): Phosphorus, 1,000 ug/L, total dissolved solids (TDS), 500,000 ug/L, dissolved oxygen, cold receiving waters, > 7,000 ug/L, dissolved oxygen, warm receiving waters, > 5,000 ug/L. DO criteria are not applicable if groundwater Carbonaceous Biochemical Oxygen Demand (CBOD) is less than 10,000 ug/L and groundwater ammonia concentration is less than 2,000 ug/L.
FF	The chloride GSI criterion shall be 125 mg/L when the discharge is to surface waters of the state designated as public water supply sources or 50 mg/L when the discharge is to the Great Lakes or connecting waters. Chloride GSI criteria shall not apply for surface waters of the state that are not designated as a public water supply source, however, the total dissolved solids criterion is applicable.
ID	<i>Inadequate data</i> to develop criterion.
NA	Criterion or value is <i>not available</i> , or, as is the case for background and CAS numbers, <i>not applicable</i> .
NLL	Chemical is <i>not likely to leach</i> under most soil conditions.
NLV	Chemical is <i>not likely to volatilize</i> under most soil conditions.

Attachment 2

Summary of Shallow Soil Boring
Physical Characteristics

**ATTACHMENT 2
GENERAL MOTORS CORPORATION**

**56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700
SUMMARY OF SHALLOW SOIL BORING PHYSICAL CHARACTERISTICS**

Location ID	Boring Depth	Depth of Fill Material	Depth of Native Material
FE-A1	10.0	0-10	NA
FE-A2	10.0	0-7.4	7.4-10.0
FE-A3	10.0	0-6.5	6.5-10.0
FE-A4	10.0	0-6.0	6.0-10.0
FE-A5	10.0	0-6.0	6.0-10.0
FE-A6	2.0	0-2.0	NA
FE-7	3.0	0-3.0	NA
FE-A8	4.0	0-4.0	NA
FE-B1	5.0	0-5.0	NA
FE-B2	5.0	0-2.0	2.0-5.0
FE-B3	5.0	0-2.8	2.8-5.0
FE-B4	4.0	0-1.7	1.7-4.0
FE-B5	4.0	0-3.1	3.1-4.0
FE-C1	10.0	NA	0-10.0
FE-C2	5.0	NA	0-5.0
FE-C3	5.0	NA	0-5.0
FE-D1	10.0	NA	0-10.0
FE-D2	5.0	NA	0-5.0
FE-D3	5.0	0-2.5	2.5-5.0
FE-E1	5.0	0-1.4	1.4-5.0
FE-F1	1.0	0-1.0	NA
FE-F2	5.0	0-2.3	2.3-5.0
FE-F3	5.0	0-2.0	2.0-5.0
FE-F4	5.0	0-2.1	2.1-5.0
FE-F5	5.0	0-0.8	0.8-5.0
FE-F6	5.0	0-1.5	1.5-5.0
FE-F7	5.0	0-1.4	1.4-5.0
FE-F8	5.0	0-0.3	0.3-5.0
FE-F9	5.0	0-5.0	NA
FE-G1	5.0	0-0.8	0.8-5.0
FE-G2	5.0	0-1.0	1.0-5.0
FE-G3	5.0	0-1.8	1.8-5.0
FE-G4	5.0	0-2.4	2.4-5.0
FE-H1	5.0	0-1.0	1.0-5.0
FE-I1	5.0	0-1.9	1.9-5.0
FE-I2	5.0	0-1.2	1.2-5.0
FE-I3	4.0	0-1.6	1.6-4.0
FE-J1	0.5	0-4.0	4.0-5.0
FE-J2	5.0	NA	0-5.0
FE-K1	5.0	0-4.0	4-5.0
FE-K2	5.0	0-4.0	4-5.0
FE-K3	5.0	0-2.0	2.0-5.0
FE-K4	5.0	0-2.5	2.5-5.0
FE-L1	5.0	NA	0-5.0
FE-M1	5.0	NA	0-5.0
FE-M2	5.0	0-1.0	1.0-5.0
FE-M3	5.0	0-5.0	NA

ATTACHMENT 2
GENERAL MOTORS CORPORATION

56-ACRE UNDEVELOPED PROPERTY ADJACENT TO DELPHI ENERGY
& ENGINE MANAGEMENT SYSTEMS, PLANT 600/700
SUMMARY OF SHALLOW SOIL BORING PHYSICAL CHARACTERISTICS

Location ID	Boring Depth	Depth of Fill Material	Depth of Native Material
FE-N1	5.0	0-3.0	3.0-5.0
FE-P1	5.0	0-2.5	2.5-5.0
FE-P2	5.0	0-5.0	NA
FE-P3	5.0	0-0.3	0.3-5.0
FE-Q1	5.0	0-2.5	2.5-5.0
FE-R1	5.0	NA	0-5.0
FE-R2	5.0	NA	0-5.0
FE-R3	5.0	0-1.5	1.5-5.0
FE-S1	5.0	0-5.0	NA
FE-S2	5.0	0-5.0	NA
FE-T1	5.0	0-3.0	3.0-5.0
FE-T2	5.0	NA	0-5.0
FE-U1	5.0	NA	0-5.0
FE-U4	5.0	NA	0-5.0
FA-1	2.0	0-2.0	NA
FA-2	2.0	0-2.0	NA
FA-3	2.0	0-2.0	NA
FA-4	2.0	0-2.0	NA
FA-5	2.0	0-2.0	NA
FA-6	2.0	0-2.0	NA
FA-7	2.0	0-2.0	NA
FA-8	2.0	0-2.0	NA
FA-9	2.0	NA	0-2.0
FA-10	2.0	NA	0-2.0
FA-11	2.0	NA	0-2.0
FA-12	2.0	0-2.0	NA
FA-13	2.0	NA	0-2.0
FA-14	2.0	NA	0-2.0
FA-15	2.0	0-2.0	NA
FA-16	2.0	NA	0-2.0
FA-17	2.0	0-2.0	NA
SB-1	10.0	NA	0-10.0
SB-2	10.0	NA	0-10.0
SB-3	10.0	NA	0-10.0
SB-4	10.0	NA	0-10.0
SB-5	10.0	NA	0-10.0
SB-6	6.0	NA	0-6.0
SB-7	10.0	NA	0-10.0
SB-8	10.0	NA	0-10.0
SB-9	2.0	NA	0-2.0
SB-10	2.0	NA	0-2.0

Notes:

Depths are in feet below ground surface.