# SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
# FORMER DELPHI INTERIOR AND LIGHTING SYSTEMS DIVISION
# GENERAL MOTORS CORPORATION
# TRENTON, NEW JERSEY
# ISRA CASE NO. 97070

**VOLUME I OF III**

**by**

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## EXECUTIVE SUMMARY

This submittal is an addendum to the *Remedial Investigation Report, Former Delphi Interior and Lighting Systems Division, General Motors Corporation, Trenton, New Jersey, ISRA Case No. 97090* dated December 2003. This addendum provides soil and groundwater analytical data for investigation performed in 2004 and recommendations for additional sampling events.

General Motors collected and analyzed soil samples from below the slab of the former manufacturing building (Area 1) and miscellaneous areas off slab. We also collected and analyzed one round of groundwater samples from all existing monitoring wells on-site. The groundwater sampling occurred after installing seven additional monitoring wells.

The soil samples were from areas approved by the New Jersey Department of Environmental Protection (NJDEP). General Motors presented a sample location plan in December 2003 following a meeting at the site with NJDEP to review the sample locations. NJDEP provided verbal approval in January 2004 and written approval of this effort in August 2004.

Soil sample locations were near: process pits, sewer pits, miscellaneous pits, noted discontinuities in sewer lines from a 2000 video of the sewers, the connection of sewer laterals to the main process sewer, and miscellaneous off-slab locations. Analysis of the soil samples varied by location.

Soil sample results indicate localized contamination of the soil beneath the former building slab exists. Most of the samples exhibiting elevated concentrations were near former process pits (e.g. plater pits). Most of the samples that were above soil cleanup criteria have elevated concentrations of one or more metal.

Groundwater sampling occurred after installation of seven new monitoring wells. General Motors installed three couplets (one well screened across the water table and the other in a water-producing bedding plane in the bedrock) along the eastern property line. One well, located on the slab, was also installed, downgradient of Plater Pit 10.

Groundwater quality generally has improved since the historical groundwater monitoring events. Site-wide groundwater quality continues to exhibit elevated concentrations of trichloroethylene (TCE). Localized monitoring wells also show limited metal's exceedance of the respective groundwater quality standard. The concentration of TCE in many of the wells has declined since the 2002 and 2003 sampling events.

General Motors believes we have collected sufficient data to conservatively model the extent of contamination in soil and groundwater and propose a Remedial Action Workplace (RAW). Fine tuning delineation will be done during implementation of the RAW. We also recommend collection and analysis of additional groundwater samples to evaluate the groundwater quality with time.

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# 1. INTRODUCTION

This submittal serves as a supplement to the Remedial Investigation Report (RIR) dated December 2003 for ISRA Case No. 97070. The RIR summarizes soil and sediment investigation activities undertaken during February and March of 2004 and, groundwater investigation undertaken in September 2004. The purpose of the sampling was to determine, in accordance with the New Jersey Department of Environmental Protection (NJDEP) Technical Requirements, the nature and extent of contaminants that exceed applicable NJDEP cleanup criteria in identified Areas of Interest (AOIs).

General Motors Corporation (GM) performed the soil investigation to screen conditions below the slab and along the main process sewer outside the former manufacturing building. Sampling was undertaken at locations proposed by GM and approved by the NJDEP during its site visit on 25 November 2003. Discussions pertaining to sampling were memorialized in the 29 December 2003 GM letter to the NJDEP. The sampling was undertaken pursuant to a January 2004 verbal approval of the 29 December 2003 letter from GM to NJDEP and subsequent letter of 16 August 2004.

GM performed the groundwater investigation to further delineate groundwater impacts and to obtain the necessary data to for the preparation of a Classification Exception Area (CEA) application.

# 2. SCOPE OF SUPPLEMENTAL REMEDIAL INVESTIGATION

## 2.1 Soil and Sediment Investigation

GM collected soil samples from the plater pits, process sewer, lateral pipes, main crock (the process sewer main), solution storage room, scrap metal area, hydraulic storage area, sumps and areas potentially corroded due to chemical substances in accordance with the requirements specified in the 29 December 2003 letter to the NJDEP. Figure 1 shows the sampling locations. Haley & Aldrich performed this supplemental remedial investigation on behalf of GM from February through March 2004. We extended 143 borings and collected 152 samples for laboratory analysis. The purpose of this investigation was to determine, in accordance with NJDEP's Technical Requirements, the nature and extent of contaminants that exceed the applicable NJDEP cleanup criteria in these areas.

We extended exploratory borings at numerous locations through the slab to perform the sub-slab soil investigation. We extended some of the borings adjacent to or through certain pits, sumps and trenches biased toward observed discontinuities. During the investigation we also collected samples from locations where there were indications that hazardous substances may have been in or near the feature when the facility was in operation or knowledge of site operations could not preclude the possibility of such use. Additionally, we also collected samples in and around sumps that were part of the process sewer system, along process sewers that a video tape survey indicated discontinuities adjacent to or part of known operations utilizing hazardous substances, or if its history was not identifiable.

To evaluate soil conditions adjacent to a discontinuity in a wall of a sump, trench or pit, we obtained samples from a depth within the boring representative of an interval potentially affected by a possible release from the discontinuity. We collected samples in the six-inch

interval below the invert of the sump, pit or trench if the feature was in the unconsolidated material above bedrock. In instances where we encountered rock within a foot of the invert we collected a sample in the six-inch interval above refusal.

We conducted all sampling in accordance with standard sampling protocols, as detailed in the NJDEP Field Sampling Procedures Manual (May 1992). We undertook all soil boring installation and subsequent soil sample collection using dedicated geoprobe core sampling equipment, decontaminated split spoon sampling equipment and decontaminated steel hand augers. Summit Drilling Inc. performed all drilling activities during this stage of Remedial Investigation (RI). Soil samples from the geoprobe explorations were obtained using four foot lengths of dedicated acetate collection tubes.

We transmitted samples collected during the investigation to Severn Trent Laboratories in Edison, New Jersey (NJ Lab Certification Number 12028) for subsequent chemical analysis. Samples were analyzed for parameters specified in Table I of the 29 December 2003 GM correspondence to NJDEP provided herein as Table I. The following sections describe the investigation at specific locations both on the slab and along the main process sewer outside the former manufacturing building. Results of the investigation are presented in Section 3 of this document.

### 2.1.1 Production Pits

We collected 81 samples from nine production pits during this investigation. In most instances, we collected samples from the bottoms of pits at the invert locations. When bedrock was close to the invert, we collected the sample from the 6-inch interval immediately above bedrock. We biased samples at locations where there was a discontinuity towards the interval that was potentially affected by a release from the discontinuity. The samplers used visual observations and PID readings as guidance in making such determinations.

Samples were analyzed for Total Petroleum Hydrocarbons (TPH), Volatile Organic Compounds (VOCs), SVOCs, Target Analyte List (TAL) metals, Polychlorinated biphenyls (PCBs), cyanide (CN) and hexavalent chromium (Cr+6). We present the sampling results and recommendations in Sections 3 and 4, respectively

### 2.1.2 Sewer Pits

We collected 15 samples from nine sewer pits/sumps during this investigation. Samples were mostly collected below the floor at invert locations. In certain instances, additional samples were also collected biasing them towards cracks along the sidewall.

Samples were generally analyzed for TPH, VOCs and Waste Water Treatment Plant (WWTP) metals. The WWTP metals list is comprised of aluminum, arsenic, barium, cadmium, chromium, calcium, iron, mercury, manganese, sodium, nickel, lead and zinc. Metal testing at Pit #118 was expanded to include all the TAL metals. Sampling results and recommendations are presented in Section 3 and 4.

### 2.1.3 Miscellaneous Sumps/Pits

We collected 30 samples from 17 miscellaneous sumps/pits during this investigation. Samples were collected from the invert level through the floors of these sumps/pits. If bedrock was encountered and was within a foot of the invert level, samples were collected in the 6-inch interval above bedrock. Sampling results and recommendations are presented in Sections 3 and 4.

The samples were generally analyzed for TPH, VOCs and WWTP metals. The exceptions were samples from the following pits - Pit #s 261 and 271 that were only analyzed for TPH; Pit #263 that was analyzed for VOCs and WWTP metals; Pit #268 that was analyzed for WWTP metals and cyanide and, Pit #279 that was analyzed for TPH, VOCs and TAL metals.

### 2.1.4 Process Sewer Lines

We collected 25 samples along: the Main Crock Line, Lateral Production Sewer Lines, connecting pipes, Manhole #5 and the crock entrance points to the former neutralization tank and clarifier. We sampled locations where joint discontinuities, cracking, pipe separation and/or corrosion had been observed during a prior video survey in November 2000. Samples were analyzed mainly for TPH, VOCs, TAL Metals, PCBs and cyanide. Specific sampling parameters analyzed at the process sewer lines, sampling results and recommendations are discussed in Sections 3 and 4.

### 2.1.5 Supplemental Areas

We collected 10 samples below the floor, from supplemental areas on the slab: the chemical storage area (Solution Storage Room) and the De-Ionization building. We sampled the 6-inch interval on top of bedrock to investigate possible contamination associated with the former hydraulic oil UST. We also collected a sample at the invert location of a former gasoline UST. We present sampling results and recommendations in Sections 3 and 4

### 2.1.6 Miscellaneous Off-Slab Areas

These locations are located within Area 8 at the Site. We collected 18 samples at the crock entrance points to the former neutralization tanks and clarifier. We collected these samples to comply with the requirements outlined in the Remedial Investigation Workplan Addendum, May 1999 and subsequent correspondence with NJDEP. We present the sampling results and recommendations in Sections 3 and 4.

### 2.1.7 Sediment Samples

We collected one sediment sample from the former WWTP effluent discharge area adjacent to Gold Run Creek. We present the sampling results and recommendations in Sections 3 and 4.

## 2.2 Groundwater Sampling

In September 2004, GM collected a complete round of groundwater samples from all the monitor wells at the site. Severn Trent Laboratories – Edison, a New Jersey certified

laboratory, sampled and analyzed groundwater samples from all previously existing and newly-installed monitor wells. The samples were analyzed for VOCs and TAL metals minus earth metals. All the wells were sampled in accordance with the May 1992 NJDEP Field Sampling Procedures. A total of 64 wells were sampled during the September 2004 sampling round. Fifty seven (57) of these wells were pre-existing wells. The other seven had been installed in August 2004. Monitor well construction logs for the new wells are in Appendix A.

GM installed three (3) sets of monitoring wells couplets (comprising overburden & bedrock wells; MW-33 and 33A, 34 and 34A, 35 and 35A) in the southeastern portion of the site in Area 11. Wells IDs with a suffix 'A' are bedrock wells. GM also installed an overburden well (MW-36) in the northwest portion of the site in Area 1.

Gerald De Groat Land Surveyor, of Long Valley, New Jersey surveyed the newly installed wells in September 2004. The survey data was used to establish longitude, latitude and the elevations of the monitor wells at top of casing and ground surface. The surveyor prepared Monitor Well Certification Form B's – Location Certifications, presented in Appendix A. The NJDEP Monitor Well Certification Form A's are also presented in Appendix A.

## 3. REMEDIAL INVESTIGATION SAMPLING RESULTS

### 3.1 Soil and Sediment Sampling Results

Analytical results for samples collected during this sampling event indicate the presence of metals at concentrations exceeding the most stringent NJDEP Soil Cleanup Criteria (SCC) occurs at approximately 30% of the locations sampled. We found most of the exceedances at locations associated with the former production pits. Results for samples collected from the sewer pits indicate a single isolated exceedance of barium above the most stringent SCC while results for samples collected from the miscellaneous sumps and pits show isolated exceedances of barium, nickel, lead and zinc at a few locations. Results of sampling along the process sewer lines indicate exceedances of metals above the most stringent SCC while results from the supplemental areas of investigation indicate isolated exceedances of metals above the most stringent SCC. Off-slab sampling results (including both soil and sediment sampling) indicate two exceedances of Semi-Volatile Organic Compounds (SVOCs).

For purposes of delineation, GM has compared the analytical results to the most stringent criterion for each detected analyte. However, for purposes of defining the remedial strategy for the site, GM may leave contaminants with a concentration above the most stringent, but below the non-residential, criteria, and impose a Deed Restriction on the site. Of the samples collected during the 2004 sampling event (191 samples from 147 borings), approximately 30% of the locations and samples exceed the most stringent criteria. Of the samples collected in 2004, exceedances of the non-residential criteria occurred at approximately 20% of the samples and boring locations.

The following sections discuss the RI sampling results at the individual pits, sumps or trenches.

### 3.1.1 Production Pits

Analytical testing results show that, in general, certain metal concentrations exceeded the NJDEP SCC at all but Plater Pit #11. There were isolated exceedances of TPH, VOCs and SVOCs. The sections below give additional details on the specific testing results at each of the pits that were samples.

#### 3.1.1.1 Former Plater Pit # 5 (PL-05 Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

VOCs (1), SVOCs (2), antimony (2), arsenic (1), barium (2), copper (3), cyanide (1) lead (2), nickel (6), silver (1).

The results of the laboratory analyses performed on soil samples collected in plater pit # 5 are presented on Table 2 and Figure 4.

#### 3.1.1.2 Former Plater Pit # 6 (PL-06 Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Total Petroleum Hydrocarbons (TPH) (1), antimony (2), arsenic (1), barium (1), beryllium (1), copper (1), hexavalent chromium (4), lead (1), nickel (3), thallium (1). The method detection limits for arsenic, beryllium and thallium were greater than the SCC owing to dilution of samples by the lab to quantify other compounds.

The results of the laboratory analyses performed on soil samples collected in plater pit # 6 are presented on Table 2 and Figure 2.

#### 3.1.1.3 Former Plater Pit # 7 (PL-07 Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

Hexavalent chromium (1), copper (1), nickel (4)

The results of the laboratory analyses performed on soil samples collected in Plater pit # 7 are presented on Table 2 and Figure 3.

#### 3.1.1.4 Former Plater Pit # 9 (PL-09 Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

Antimony (1), copper (1), nickel (5)

The results of the laboratory analyses performed on soil samples collected in plater pit # 9 are presented on Table 2 and Figure 3.

3.1.1.5 Former Plater Pit # 10 (PL-10 Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

TPH (4), VOCs (1), arsenic (1), barium (1), beryllium (2), copper (2), zinc (1)

The results of the laboratory analyses performed on soil samples collected in plater pit # 10 are presented on Table 3 and Figure 3.

3.1.1.6 Former Plater Pit # 11 (PL-11 Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent NJDEP SCC. The results of the laboratory analyses performed on soil samples collected in plater pit # 11 are presented on Table 4 and Figure 3.

3.1.1.7 Former Plater Pit # 12 (PL-12 Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

Barium (1), lead (1), hexavalent chromium (3), nickel (2)

The results of the laboratory analyses performed on soil samples collected in plater Pit # 12 are presented on Table 4 and Figure 4.

3.1.1.8 Die Cast Area (DC Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

Barium (1)

The results of the laboratory analyses performed on soil samples collected in the Die Cast Area are presented on Table 5 and Figure 4.

3.1.1.9 Former Zinc Barrel Pit (ZB Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

TPH (1), beryllium (1), zinc (6)

The results of the laboratory analyses performed on soil samples collected in former Zinc Barrel are presented on Table 6 and Figure 3.

### 3.1.2 Sewer Series Pits

Analytical testing results indicate that the compounds that were tested for were either not detected or were detected at concentrations lower than the most stringent applicable SCC in all instances except one where there was an exceedance of Barium above the most stringent SCC at Pit #108. A detailed discussion of the sampling results at each of the Sewer Series Pits is presented in sections below.

3.1.2.1 Pit # 103 (103 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 103 are presented on Table 7 and Figure 3.

3.1.2.2 Pit # 106 (106 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 106 are presented on Table 7 and Figure 3.

3.1.2.3 Pit # 107 (107 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 107 are presented on Table 7 and Figure 3.

3.1.2.4 Pit # 108 (108 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Barium (1)

The results of the laboratory analyses performed on soil samples collected in Pit # 108 are presented on Table 7 and Figure 3.

3.1.2.5 Pit # 109 (109 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 109 are presented on Table 7 and Figure 2.

3.1.2.6 Pit # 110 (110 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 110 are presented on Table 7 and Figure 2.

3.1.2.7 Pit # 111 (111 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 111 are presented on Table 7 and Figure 2.

3.1.2.8 Pit # 113 (113 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 113 are presented on Table 7 and Figure 4.

3.1.2.9 Pit # 118 (118 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 118 are presented on Table 7 and Figure 3.

### 3.1.3 Miscellaneous Sumps/Pits

Analytical testing results indicate that TPH and VOCs were either not detected or were detected at concentrations lower than the most stringent SCC. The metal testing results indicate exceedances of Barium, Nickel, Lead and Zinc at some of the pits. A detailed discussion of the sampling results at each of the Pits is presented in sections below.

3.1.3.1 Pit #s 203, 206, 208 (203, 206 and 208 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pits numbered 203, 206 and 208 are presented on Table 7 and Figure 3.

3.1.3.2 Pit # 213 (213 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Barium (1)

The results of the laboratory analyses performed on soil samples collected in Pit # 213 are presented on Table 7 and Figure 3.

3.1.3.3 Pit # 221 (221 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 221 are presented on Table 8 and Figure 3.

3.1.3.4 Pit # 229 (229 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC.

The results of the laboratory analyses performed on soil samples collected in Pit # 229 are presented on Table 8 and Figure 3.

3.1.3.5 Pit # 239 (239 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 239 are presented on Table 8 and Figure 2.

3.1.3.6 Pit # 247 (Former Scrap Metal Area)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 247 are presented on Table 8 and Figure 4.

3.1.3.7 Pit # 249 (249 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 249 are presented on Table 8 and Figure 4.

3.1.3.8 Pit # 250 (250 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 250 are presented on Table 8 and Figure 4.

3.1.3.9 Pit # 255 (255 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 255 are presented on Table 8 and Figure 2.

3.1.3.10 Pit # 261 (261 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 261 are presented on Table 8 and Figure 4.

3.1.3.11 Pit # 262 (262 Sample Series)

The laboratory analytical results indicate that the following number of samples (shown in parentheses beside the sampling parameters) exceed the most stringent applicable Soil Cleanup Criteria:

Nickel (1)

The results of the laboratory analyses performed on soil samples collected in Pit # 262 are presented on Table 8 and Figure 4.

3.1.3.12 Pit # 263 (263 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Nickel (2)

The results of the laboratory analyses performed on soil samples collected in Pit # 263 are presented on Table 8 and Figure 4.

3.1.3.13 Pit # 264 (264 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in former solution storage room and scrap metal area are presented on Table 8 and Figure 4.

3.1.3.14 Pit # 268 (268 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Lead (3), nickel (4), zinc (6)

The results of the laboratory analyses performed on soil samples collected in Pit # 268 are presented on Table 8 and Figure 4.

3.1.3.15 Pit # 271 (271 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 271 are presented on Table 8 and Figure 4.

3.1.3.16 Pit # 275 (275 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 275 are presented on Table 8 and Figure 2.

3.1.3.17 Pit # 279 (279 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in Pit # 279 are presented on Table 8 and Figure 3.

### 3.1.4 Process Sewer Lines

Analytical testing results indicate that concentrations of some of the compounds tested for exceed the most stringent SCC along the Main Crock and the Lateral Production Sewer lines. There were no exceedances at locations along the connecting pipes and Manhole #5. Manhole # 5 is located at a junction where the Main Crock Line changes direction to the southeast towards the WWTP. A detailed discussion of the sampling results is presented in sections below.

3.1.4.1 Main Crock Line (MC Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

TPH (1), VOCs (1), barium (1), copper (1), nickel (1), zinc (1), polychlorinated biphenyls (PCBs) (1), thallium (9). The method detection limits for some of the volatile organic compounds and thallium were greater than the SCC owing to dilution of samples by the lab to quantify other compounds.

The results of the laboratory analyses performed on soil samples collected in Main Crock are presented on Table 9 and Figures 2 and 4.

3.1.4.2 Lateral Production Sewer Lines (LP Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

TPH (1), barium (1), PCBs (1)

The results of the laboratory analyses performed on soil samples collected in Lateral Production Sewer Lines are presented on Table 10 and Figures 2, 3 and 4.

3.1.4.3 Connecting Pipes (CP Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with a concentration in excess of the most stringent NJDEP SCC. The results of the laboratory analyses performed on soil samples collected in connecting pipes located near the former De-Ionization room are presented on Table 6 and Figure 4.

3.1.4.4 Manhole # 5 (MH-5 Sample Series)

The laboratory analytical results indicate that none of the samples contained compounds in excess of the most stringent NJDEP SCC. The results of the laboratory analyses performed on samples collected in Manhole #5 are presented on Table 11 and Figure 5.

3.1.4.5 Crock Entrance Points to the former neutralization tank and the clarifier (CE-1 and CE-2 Sample Series)

The laboratory analytical results indicate that none of the samples contained compounds in excess of the most stringent NJDEP SCC. We collected two samples in the general vicinity of the Main Crock entrance points to the former neutralization tanks and clarifier in Area 8. The samples were analyzed for VOCs, TAL Metals, PCBs and cyanide. The results of the laboratory analyses are presented on Table 11 and Figure 5.

### 3.1.5 Supplemental Areas

Analytical testing results indicate that TPH and VOCs were either not detected or were detected at concentrations lower than the most stringent SCC. The metal testing results indicate exceedances of Barium, Nickel, Lead and Zinc at some of the pits. A detailed discussion of the sampling results at each of the Pits is presented in sections below.

#### 3.1.5.1 Chemical Storage Area in Solution Storage Room (SR-1 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on soil samples collected in the chemical storage area in the Solution Storage Room are presented on Table 6 and Figure 4.

#### 3.1.5.2 Former Hydraulic UST Vault (H-1 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Copper (1)

The results of the laboratory analyses performed on soil samples collected in Hydraulic UST Vault are presented on Table 6 and Figure 3.

#### 3.1.5.3 Former De-Ionization Room (DI Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

Arsenic (1), nickel (2), zinc (1)

The results of the laboratory analyses performed on soil samples collected in the former De-Ionization room are presented on Table 6 and Figure 4.

#### 3.1.5.4 Former Gasoline UST locations beneath the Solution Storage Room (SR-2 Sample Series)

The laboratory analytical results indicate none of the samples contained compounds with concentration in excess of the most stringent applicable SCC. The results of the laboratory analyses performed on a soil sample collected at the former gasoline UST locations in the Solution Storage Room are presented on Table 6 and Figure 4.

### 3.1.6 Miscellaneous Off-slab Samples (300 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

SVOCs (1)

The results of the laboratory analyses performed on soil samples collected in the Off-slab area are presented on Table 11 and Figure 5.

### 3.1.7 Area 10 - Sediment Samples (CE-3 Sample Series)

The laboratory analytical results indicated that the following number of samples (shown in parentheses beside the sampling parameters) exceeded the most stringent applicable Soil Cleanup Criteria:

SVOCs (1), thallium (1). The method detection limit for thallium was greater than the SCC owing to dilution of the sample by the lab to quantify other compounds.

The data are presented on Table 12 and Figure 5.

## 3.2 Groundwater Sampling Results

Groundwater sampling results for both the overburden and the bedrock monitor wells indicate the presence of VOCs and metals at concentrations exceeding the NJDEP Groundwater Quality Standards (GWQS) at several locations across the site. The VOC exceedances are generally restricted to a few compounds including trichloroethene (TCE), tetrachloroethene (PCE), benzene, chlorobenzene, toluene, cis-1,2-Dichloroethene (cis-1,2 DCE), 1,2,4-Trichlorobenzene, vinyl chloride and xylenes. Both TCE and metal exceedances are found in monitor wells close to the southeastern property boundary Table 13 presents the analytical results. The predominant metal exceedance above the NJDEP GWQS included manganese while other metals such as aluminum, arsenic, barium, cadmium, chromium, iron, nickel, sodium and lead exceeded NJDEP GWQS at isolated locations at the Site. Figures 6 through 9 present the data at the monitor wells.

A summary of identified exceedances of NJDEP GWQS in the September 2004 data with respect to the area of investigation is listed below. Manganese exceeds the GWQS in almost all locations. For the listed metals, only one well in each area exhibits a groundwater concentration above the noted GWGS.

- Area 1 - Chromium
- Area 2 – Lead and VOCs
- Area 3 – Arsenic and VOCs
- Area 4 – VOCs
- Area 7 – Nickel
- Area 8 – Nickel and Baruim
- Area 9 – VOCs
- Area 10 – VOCs
- Area 11 – VOCs

Xylenes are below GWQS in all wells except MW-30 and UST-5. Benzene exceeds GWQS at eight overburden and five shallow bedrock wells.

Figures 10 and 11 present the groundwater contours for the overburden and bedrock, respectively, during September 2004.

## 4. RECOMMENDATIONS

### 4.1 Soil and Sediment Sampling

The analytical sampling results presented in Section 3 indicate sufficient data have been collected to conservatively model the extent of the contamination in soil. Additional samples to refine the boundaries of these areas will be collected to determine both the horizontal and vertical extent of contamination during implementation of the site remedial action. In certain instances, vertical delineation is not anticipated because the sample that exceeded the most stringent SCC was collected on top of bedrock. The crock entrance points to the former neutralization tank and the clarifier will be resampled as the two sampler (CE-1 and CE-2) investigations were shifted about 30' northeast from the former entrance points due to poor points of reference since the buildings at the Site were demolished.

General Motors will prepare a Remedial Action Workplan (RAW) based on the modeled extent of contamination. The RAW will include a proposal to develop additional data during the remediation to fine tune the extent of contamination.

Table 14 summarizes the tentative locations of the samples including the analytical parameters that these samples are proposed to be analyzed for. Figure 12 shows the locations of these delineation samples.

### 4.2 Groundwater Sampling

GM proposes to submit a CEA application for applicable areas and contaminants of concern. GM proposes to submit a groundwater remedial action woikplace uncluding a groundwater investigation plan.

## 5. QUALITY ASSURANCE/QUALITY CONTROL

Based on the Quality Assurance/Quality Control (QA/QC) review of the data reported in this submittal, the data is suitable for its intended purpose of site characterization. Table 15 and 16 provide soil and groundwater quality assurance sample results, respectively, Appendix B contains a summary of the analytical results and a compact disc with .pdf files of the analytical reports for the data submitted under cover of this report. Appendix C contains the New Jersey Electronic Disk Deliverables.

The purpose of QA/QC review was to document the laboratory analysis procedures and data results generated from those procedures to ensure the quality, representativeness, and completeness of the data generated from the soil and sediment sampling activities conducted at the Site.

All collection and analysis of samples was performed using current NJDEP or USEPA accepted field and laboratory protocol and in accordance with the February 1999 Interim Remedial Investigation Work Plan and the 29 December 2003 GM letter to the NJDEP.

Analytical results and associated quality assurance (QA) information have been supplied in a Tier II format, consistent with the deliverable requirements outlined in the NJDEP Technical Requirements for Site Remediation, N.J.A.C.7:26E. The data packages include results summary sheets, chains of custody, laboratory chronicles, methodology summaries, non-

conformance summaries and other required analytical documentation (method blanks, tuning, calibration, spike recovery, detection limits).

The results for the analysis of soils and sediment collected as part of the supplemental Remedial Investigation conducted by Haley & Aldrich at the GM Facility in Trenton, N.J. during February and March 2004 is presented in NJDEP Reduced Deliverables format. Sample analysis and report preparation were performed by STL of Edison, New Jersey. Analyses were performed as specified in the "Interim Remedial Investigation Report, Delphi Interior & Lighting Systems Facility, ISRA Case No. 97070, Trenton New Jersey." A summary of QA/QC samples collected during this investigation is presented in Tables 15 and 16.

Each data package contains chain of custody documents, analytical report forms, site-specific quality assurance/quality control and sample preparation chronologies and analysis raw data.

### 5.1 Laboratory Analysis Data Validation

The following section presents a summary of the data validation process performed on the sample data packages provided by Severn Trent Laboratories – Edison, NJ during the RCRA Facility Investigation activities conducted for the General Motors Corporation (GM) Delphi Interior & Lighting Systems Division facility located in Trenton.

This section presents each data validation criterion evaluated as part of the data validation process and provides examples of data qualification performed based on our findings. The data qualification procedures used were provided from the USEPA National Functional Guidelines for Organic and Inorganic Data Review, EPA documents EPA 540/R-99/008 and EPA 540-R-01-008, respectively.

Analytical results for environmental samples collected during February and March 2004 at the General Motors Corporation (GM) Delphi Interior & Lighting Systems Division facility located in Trenton, New Jersey were reviewed to determine the data usability. Each laboratory data package was reviewed with guidance provided by the United States Environmental Protection Agency (USEPA) **National Functional Guidelines for Organic Data Review** (EPA 540/R-99/008), **National Functional Guidelines for Inorganic Data Review** (EPA 540-R-01-008). Laboratory method specific criteria (as prescribed by "Test Method for Evaluating Solid Waste", SW846, Update III, 1996) were used, where applicable, if the analytical anomaly identified was not addressed by the guidelines referenced above.

This section provides a summary of the data quality issues identified during the assessment. Each sub section provides a brief description of the procedure used in the evaluation and an example of corrective action implemented as a result of the assessment. The results of this review may be used by the data user to assist with an understanding of the data qualification procedures implemented during the reduction of the investigation results and their use in the evaluation of the current site conditions.

During the data validation process, the following quality control/ quality assurance (QA/QC) criteria from the analysis of the project samples were reviewed:

- Preservation and Holding Time Compliance
- GC/MS Instrument Performance Check
- Initial Calibration and Continuing Calibration Procedures

- Field/Method/Preparation Blank Sample Analysis
- System Monitoring Compound Recoveries
- Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries
- Internal Standard Recoveries
- Duplicate Sample Analysis
- ICP Interference Check Sample Performance
- ICP Serial Dilution Replicate Percent Difference
- Use of Laboratory Data Qualifiers
- Sample Data Reporting Format

### 5.2 Preservation and Holding Time Compliance

Maximum allowable holding times, for each parameter, was measured from the time of sample collection to the time of sample preparation or analysis for each project sample. When a project sample was identified as analyzed past the USEPA recommended maximum holding time or if the sample cooler temperature was outside the acceptance criteria ($4 \pm 2^{o}C$), the reported sample results were qualified with a "J" as estimated and non-detected parameters were qualified with a "UJ" as estimated quantitation limit. When a project sample was identified as grossly exceeding preservation and holding time criteria (e.g., greater than two times the required time for preparation or analysis, or cooler temperature compliance), the reported sample results were qualified with a "J" as estimated and non-detected parameters were qualified with a "R" as rejected.

### 5.3 GC/MS Instrument Performance Check

GC/MS instrument performance checks were evaluated to ensure proper tuning of the instrument for mass resolution, compound identification, and to some degree sensitivity. It was determined that the analysis of the instrument performance solutions was performed at the beginning of each 12-hour period during which samples or standards were analyzed, and that the instrument performance check met the ion abundance criteria specified by EPA. In all instances, the GC/MS instrument performance checks for the instruments used in the analysis of project samples fell within method specific criteria without exception.

### 5.4 Initial Calibration and Continuing Calibration Procedures

Instrument calibration procedures for the analysis of project samples were evaluated based on the requirements of the National Functional Guidelines and/or prescribed by the laboratory standard operating procedures (SOPs) when not directly addressed by the guidelines. Generally, the calibration procedures implemented by the laboratory were consistent with USEPA guidance. However, during the analysis of organic parameters by EPA Methods 8260B and 8270C, the continuing calibration acceptance criteria for several target compounds were greater than the EPA guidance criteria of 25 percent difference (%D) from the initial calibration relative response factor (RRF).

In cases where target compounds were detected and reported using a RRF from a non-compliant continuing calibration standard, the result was flagged with a "J" as estimated and all reporting limits for the affected parameter were flagged with a "UJ" as estimated.

### 5.5 Field/Method/Preparation Blank Sample Analyses

The presence of target compounds in associated method and/or trip blank samples prepared and analyzed concurrently with the project samples was determined as part of each laboratory

sample data package (SDG). If target compounds were reported at a concentration above the method detection limit (MDL) for organic parameter analyses or the instrument detection limit (IDL) for inorganic parameter analyses, the sample result was qualified. In the case of organic method blank sample analyses, if the target compound detected was identified as a "common laboratory contaminant" by the USEPA Functional Guidelines, an action level of 10 times (10x) the blank contamination level was calculated. For all other parameters an action level of 5 times (5x) the blank contamination level was calculated. In the case of inorganic method blank sample analyses, an action level of 10 times (10X) the blank contamination level was calculated. In accordance with EPA guidance, the detection of the blank contaminant in the associated project samples was reported at a concentration between the MDL and the action level, the result was flagged with a "U". This data qualification indicates that the parameter was not present in the sample at a concentration greater than the reported level.

### 5.6 System Monitoring/Surrogate Compound Recoveries

System monitoring/surrogate compounds were added to each sample prior to analysis of organic parameters by EPA Methods 8260B, 8270C and 8082 to confirm the efficiency of the sample preparation procedures. The calculated recovery for each surrogate compound was evaluated to confirm the accuracy of the reported results. Generally, the calculated recovery of these compounds fell within the laboratory specific quality control criteria. In a few instances, sample extracts prepared for the analysis of semi-volatile organics (SVOCs) by EPA Method 8270C and/or polychlorinated biphenyls (PCBs) by EPA Method 8082 required dilution prior to analysis. This dilution procedure was implemented by the laboratory to either improve instrument performance by minimizing matrix interference or to enable quantification of the detected target analytes within the instrument calibration range. Where applicable, the laboratory qualified the reported results of the surrogate compounds with "DIL" indicating the system monitoring compound recovery could not be calculated due to a sample extract dilution.

The data evaluation process reviewed these samples for chromatographic resolution and target compound quantification. In cases where the instrument resolution remained impaired after dilution, the results above the reporting limit were qualified "J", as estimated and non-detected values were flagged "R", as rejected. In cases where the instrument resolution appeared to be unaffected by the diluted sample matrix, the sample results were accepted without qualification. In each case, the elevated reporting limits were confirmed for the level of dilution. Any inconsistency was brought to the attention of the database manager and corrected results from the laboratory were obtained where applicable.

### 5.7 Laboratory Control Samples, Matrix Spike/Matrix Spike Duplicate Recoveries

Analytical precision and accuracy were evaluated based on the laboratory control and matrix spike sample analyses performed concurrently with the project samples. For matrix spike samples, after the addition of a known amount of each target analyte to the sample matrix, the sample was analyzed to confirm the ability to identify these compounds within the sample matrix. For LCS analyses, after the addition of a known amount of each target analyte into laboratory reagent water, the sample was analyzed to confirm the ability of the analytical system to accurately quantify the compounds.

The percent recovery calculated for each target analyte was evaluated versus method specific criteria. The reported results were evaluated for compliance. Generally the reported

recovery of MS and LCS analyses fell within the laboratory QA acceptance criteria. However, if the MS recovery fell below the acceptance criteria, the result for the non-compliant target analyte from the project sample analysis was qualified with a "J" as estimated or "UJ" if reported as non-detect. If the LCS recovery for a target compound fell below the laboratory QA acceptance criteria, the results for that target compound in each project sample analyzed within the analytical batch were qualified with a "J" as estimated or "R" if reported as non-detect.

### 5.8 Internal Standard (IS) Compound Recoveries

Internal Standard (IS) compounds were added to each sample prior to the analysis of organic parameters by EPA Methods 8260B, and 8270C to quantify the amount of the target compounds detected within the sample matrix. The response of each IS compound was confirmed to be within the QA/QC criteria of +100% and – 50% of the corresponding 12 hour continuing calibration verification (CCV) standard. If the IS response fell below the –50% acceptance criteria, the target compound concentrations calculated within this sample were qualified with a "J" as estimated. If the IS response fell to below –90% the corresponding CCV standard, the reported results in the project sample were flagged with an "R" as rejected.

### 5.9 Duplicate Sample Analysis

During the analysis of metals, duplicate sample analysis was evaluated to demonstrate acceptable method precision by the Laboratory at the time of analysis by using a control limit of 20% for the relative percent difference (RPD) between the original and duplicate sample with concentrations greater than five times (5X) the Contract Required Quantitation Limit. Samples results failing to meet the 20% RPD criteria were qualified "J", estimated and non-detects as "UJ", estimated reporting limit.

### 5.10 ICP Interference Check Sample Performance

The results of the ICP Interference Check Samples analyzed concurrently with the project samples were evaluated versus an acceptance criteria +/- 20% of true value as prescribed by USEPA guidance. If the calculated recovery an analyte fell outside these criteria, the analyte result for the project samples analyzed concurrently within the analytical batch was flagged with a "J" as estimated.

### 5.11 ICP Serial Dilution Replicate Percent Difference (RPD)

The results of the ICP Serial Dilution samples analyzed concurrently with the project samples were evaluated for compliance with the USEPA protocol criteria of less than 10% replicate percent difference (RPD) between the diluted and undiluted sample, if the analyte concentration was greater than fifty times (50X) the method detection limit in the original sample. If an analyte exhibited a serial dilution RPD greater than 10%, the corresponding sample result was qualified with a "J" as estimated.

### 5.12 Use of Laboratory Data Qualifiers

Sample data was qualified by the laboratory in accordance with laboratory specific SOPs. Data qualification included the reporting of estimated concentrations of target compounds/analytes quantified below the project reporting limit (RL) but above the method or instrument detection limit, the presence of target compounds in corresponding method blank samples, and non-compliant results of associated QA/QC sample analyses (i.e. MS/MSD). Based on a check of the data qualifiers assigned to project sample results, these flags appeared to be applied to the reported results in accordance with the laboratory specific SOPs. The laboratory specific qualification was amended during the data validation process to be consistent with the guidance provided by the USEPA National Functional Guidelines recommendations.

For example, the laboratory assigned a qualifier of "J" for all organic parameters detected below the reporting limit but above the method detection limit.

### 5.13 Sample Data Reporting Procedures

The reporting results for each SDG was provided in a full Contract Laboratory Protocol (CLP) equivalent deliverables format with Forms I though IX, and applicable instrument raw data including GC/MS instrument tuning and calibration logs, standard and sample chromatograms, and ICP instrument printouts. The data reporting format was evaluated within each SDG and when found to be non-compliant with the project data quality objectives (DQOs) additional documentation was requested and received from the laboratory as part of the validation process.

## 6. REPORT CERTIFICATION

Appendix D contains the one-part Certification Form executed by General Motors Corporation as required by N. J. A. C. 7:26B-1.6(c).

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**TABLES**

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**PRODUCTION PITS**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| Pre WW II | Plater Pit 1 | AA-44 thru AA-48 | Above ground; not a pit | Only General area of pits are known. Exact locations of each pit is unknown. | N | | |
| Pre WW II | Plater Pit 2 | AA-44 thru AA-48 | Above ground; not a pit | | N | | |
| Pre WW II | Plater Pit 3 | AA-44 thru AA-48 | Above ground; not a pit | | N | | |
| | Plater 4 | I-42 to L-42 | Above ground; not a pit | | N | | |
| | Plater Pit 5 | K-38 to S-38 | Corroded concrete, yellow-green discoloration. approx 2/5 E from W on N wall **(1)** - Sump on S side (1/2 way E-W) filled with sediment **(1).** Historical patch in concrete extends into S wall (through) **(1).** Northern trench drain damaged 1/3 from west wall **(1)** and in SE corner **(1).** | | Y | 5 (As indicated) | TAL Metals*, CN |
| | Plater Pit 6 | U-38 to Y-38 | Sump 1/2 (E+W) on S filled w/ sediment. S wall of sump corroded from top of slab to sediment **(1).** S wall cracked; Approx 15' W of E end corrosion of S wall approx 3" of wall missing + 2' E of this area S wall cracked **(1)**. | | Y | 2 (1 in sump and 1 adjacent to S wall) | TAL Metals*, CR+6, CN, TPH, PCBs |
| | Plater Pit 7 | V-50 to Y-50 | Concrete poured - 6" trench on N & S side - Slight corrosion & minor cracking on each wall. Corrosion on floor on S side. Damage to the north **(1)** and south **(1)** wall appx. 25' east of west wall. A damaged sump located in the southeast corner **(1)**. Site personnel reported stained soils removed from eastern floor with elevated chromium & CR+6 **(1)**. | | Y | 4 (1 east floor, 1 SW sump, adj to N & S sidewall) | TAL Metals*, CR+6, CN, VOA |
| | Plater 8 | A-12 to E-12 | Above ground; not a pit | | N | | |
| | Plater Pit 9 | S-20 to X-20 | Poured concrete drainage trench is approx 6' below slab with coated walls. Sump is 1/2 way along S side-process line 3' above water in sump. Floor approx 8". Crack between sump form & bottom of slab **(1)**. Sump 2/5 from W on S "U" shaped holding 1" water & ladder into "sump". Crack on walls & floor 25' **(1)** & 50' **(1)** from W end (N&S walls) | | Y | 5 (sump, 2 along N, & S sidewall) | TAL Metals*, CN |
| | Plater Pit 10 | AY-18 to AY-26 | Loss of floor integrity 10' from N end (exposed rebar)+ 25' from N, excavation AY 20-22, standing water rainbow sheen on water, open trench drain on E side AY 22 w/water, W side AY23 w/rainbow Sump approx 15' N of SE corner water level covers sewer, poured concrete eroded on E side & S, SW corner of trench drain - no bottom standing water outside pit (SW) open excavation - rainbow sheen Approx 25' N of S end, loss of floor integrity (center) | One sample for every 30' of sidewall and 1 sample per 900 sq. foot of floor | Y | As indicated (appx 16) | TAL Metals*, CR+6, TPH |
| | Plater Pit 11 | M-26 to X-26 | 15' from W end on N wall corroded & discolored (yellow-green) concrete, corrosion extends onto floor to trench drain on bottom of pit **(1)**, also 25' E of Wall **(1)** and at mid-point **(1)**. SW corner deeper pit filled w/water to 6" of pit floor. Northern trench drain full to pit floor, includes sump 1/2 way (E-W). Southern trench drain empty. | | Y | 3 (As indicated) | TAL Metals*, CR+6, CN, TPH, PCBs |
| | Plater Pit 12 | I-48 to U-48 | All concrete poured framed trench runs along E,N&W edge filled with water approx. 12" below entrance points within bottom of pit. Possible CR+6 staining on south wall appx. 1/3 **(1)** and 1/2 way **(1)** from east end. Floor trench damage in southwest corner 1/2 way from northern end **(1)**. Sump on southern wall water level 3" w/sed even with inner 8" pipe. Runs to northern sump (N wall) same good shape. Severe floor corrosion along western and northwestern trench-floor **(2).** Two **(2)** additional samples on floor of pit in western side in areas of floor corrossion. | | Y | 7 (2 along southern wall, 1 in SW corner trench, 2 along western/NW side, and 2 on floor in western portion) | TAL Metals*, CR+6, CN |
| | Existing Die Cast Area | E-55 to P-55 | Total of 32 pits, all initially holding water including: four furnace pits, four cooling pits, two shallow pits & 22 production pits. All in good condition. Total of three trenches: northern conveyor, central service trench & south conveyor trench. Water infiltration observed in central and northern trenches after pump and cleanout | | Y | 16 Surrounding (6 on N & S, 2 on E and W) | TAL Metals*, TPH, PCBs |
| 14 | Former Die Cast Area | F-22 to O-22 | H22 (W end of pit) W wall cracked with seepage into pit. Poured concrete, water initially held at various depths in all pits. Perimeter trench receives runoff from sides & middle. 4th and 5th pit from W end sidewalls "red". Hole observed in in corner wall S wall of S perimeter sump approx 2/5 from W end in 5th pit - damage to concrete seepage on wall noted. Pits different depth. | | N | | TAL Metals*, TPH |
| 15 | Former Zinc Barrel Plater Pit | East of AY-18 | NE corner 5'X5' no walls, no floor, water in bottom. Perimeter drench drain erosion. AY16 stainless steel box as sump liner, Trench erosion to E open excavation to N, | | Y | 4 Surrounding & 1 at bottom sump | TAL Metals*, CR+6, CN, TPH, PCBs |
| | Scrap Metal Pits | East of AY-55 to AY-52 | | Same as 247 | See 247 | | |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**SEWER SERIES**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| 100 | Stormwater receiving dock sump | East of A-4 | Pit cleanout observed to be intact | Sump is located between 200 and 202 | N | | |
| 101 | Sewer sump | Off Slab, South-SW of MW-14A | Not viewed | Covered by manway | Uncover | | |
| 102 | Storm sewer | West of slab (AY-14) | Trench drain. pipe from 5" to E, seems to miss sump 100 (to South) clay pipe in loading dock | No action needed | N | | |
| 103 | Process sewer pit | South of M-6 | Flow through pipe @ bottom, dry, poured concrete, deteriorated @ bottom of wall. | | Y | 1 | TPH, VOA, WWTP Metals* |
| 104 | Process sewer pit | southeast of II-20 | Pit cleanout observed to be intact | | N | | |
| 105 | Process sewer pit | East-NE of X-14 | Pit cleanout observed to be intact | Approx 1' wide by 4' deep. | N | | |
| 106 | Sewer sump | North of U-14 | Dry, broken floor, damaged sidewalls N, W & S | | Y | 2 (sidewall & floor) | TPH, VOA, WWTP Metals* |
| 107 | Sewer sump | East-NE of M-14 | Water @ sewer line level, poured concrete, 4 walls cracked approx 2' below slab, erosion N wall | | Y | 4 Sidewalls | TPH, VOA, WWTP Metals* |
| 108 | Sewer sump | Southeast of S-32 | Water @ sewer line level. NE corner, upper half missing **(1)**. Otherwise walls appear intact. Seep on N wall 6" above dirt on bottom. | Approx 6' by 4' by 4' deep | Y | 1 | TPH, VOA, WWTP Metals* |
| 109 | Sewer sump | South of EE-32 | Water infiltration occurred after cleanout | Approx 6' by 4' by 10' deep. | Y | 1 | TPH, VOA, WWTP Metals* |
| 110 | Sewer Sump | Southeast of W-38 | Water infiltration occurred after cleanout | Approx. 5' by 5' deep. | Y | 1 | TPH, VOA, WWTP Metals* |
| 111 | Sewer sump | Southeast of Q-38 | Unmarked. Poured concrete, corroded concrete above water NE corner, crack - 4 walls 15" below slab, standing water 1/2 way up sewer line. Water infiltration observed after cleanout | Approx. 7' wide | Y | 1 (NE corner) | TPH, VOA, WWTP Metals* |
| 112 | Sewer sump | Southeast of M-44 | Pit cleanout observed to be intact | Approx 3' wide | N | | |
| 113 | Sewer pit | Southwest of AA-44 | Water infiltration occurred after cleanout | Approx 5' wide by 15' deep | Y | 1 | TPH, VOA, WWTP Metals* |
| 114 | Sewer sump | Southeast of V-52 | Pit cleanout observed to be intact | Approx 4' wide by 10' deep | N | | |
| 115 | Process sewer pit | South of AA-65 | Pit cleanout observed to be intact | Approx 3' wide by 10' deep. | N | | |
| 116 | Sewer clean-out | Southwest of KK-32 | Covered by manway | Covered by manway | N | | |
| 117 | Sewer Pit | West of E-24 | Pit cleanout observed to be intact | 3' x 3' | N | | |
| 118 | Sewer pit | M-26 | Holds water @ sewer line. Poured concrete. Appears intact above water level. Crack approx 12 to 18 from top of slab - 4 sides. Deterioration in SE corner above water. | Process Sewer Pit 3' x 5' | Y | 1 (SE corner) | TPH, VOA, TAL Metals |
| 119 | Sewer sump | U-26 | Holds water @ sewer line after pump-out. NO cracking observed | Sewer sump | N | | |
| 120 | Sewer sump | I-38 | Lined with aluminum, no cracks observed | 2' x 10' sewer sump | N | | |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**Miscellaneous Sumps/Pits**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| 200 | Water Meter Pit | North of AY-4 | Pit cleanout observed to be intact | | N | | |
| 201 | Northwest trench well | AY-2 to AY-16 | Some Standing Water, cracks along sidewall, water infiltration from cracks (W wall) | | N | | |
| 202 | Sump | North of AZ-4 | = Sump 102 | | N | | |
| 203-209 | Injection Molders | East of A-4 to A-10 | Cleanout observed to be intact for each pit. Water infiltration occurred in 203, 204, 206 and 208 after cleanout | Two pits per number (eastern and western) | Y | 3 | TPH, VOA, WWTP Metals * |
| 208A | Potential sewer | | Number used 2x This is N of 208 (not numbered) | | N | | |
| 210 | Utility tunnel | Runs from F-2 to AA-2 | Two openings, poured concrete walls. Water infiltration occurred immediately upon cleanout | | N | | |
| 211 | Sump | South of E-6 | Pit cleanout observed to be intact | | N | | |
| 212 | Sump | South of G-6 | Pit cleanout observed to be intact | | N | | |
| 213 | Process sump | South of K-4 | Poured concrete holds water @ 6" dia pipe deteriorated N&S walls above water w/ infiltration | | Y | 2 (N & S) | TPH, VOA, WWTP Metals * |
| 214 | Process sump | East of S-8 | Pit cleanout observed to be intact | | N | | |
| 215 | Elevator sump | Northeast of EE-6 | Pit cleanout observed to be intact | | N | | |
| 216 | Electrical Pit | Southeast of FF-12 | Pit cleanout observed to be intact | | N | | |
| 217 | Elevator pit | Southeast of EE-14 | Electric elevator, no hydraulics. Poured concrete dry walls intact above "earthen" floor | | N | | |
| 218 | Elevator pit | Northeast of EE-20 | Electric elevator, no hydraulics. Holds water to slab surface | | N | | |
| 219 | Caved in area | Southwest of W-14 | No walls no floor | | N | | |
| 220 | Electrical manway | Q-12 | Pit cleanout observed to be intact | | N | | |
| 221 | Process sump | South of M-10 | Poured concrete, erosion NW corner (process piping) E Wall | | Y | 1 (NW corner) | TPH, VOA, WWTP Metals * |
| 222 | (2) Sumps | Southwest of F-12 | Poured concrete crack @ bottom of floor slab. | Standing water in one, 2nd needs digging out | N | | |
| 223 | Sump | Southwest of E-12 | Pit cleanout observed to be intact | | N | | |
| 224 | Sump | Northwest of I-16 | Stainless steel lined sump intact after cleanout | | N | | TPH, VOA, WWTP Metals * |
| 225 | Box out | West of I-16 | Pit cleanout observed to be intact | | N | | |
| 226 | Box out | North of I-18 | Pit cleanout observed to be intact | | N | | |
| 227 | Heat treatment pit | A-16 | Pit cleanout observed to be intact | Appx 3' deep | N | | |
| 228 | Tool room wash deck | A-30 | Pit cleanout observed to be intact | Appx 12' deep | N | | |
| 229 | Sump | East of A-32 | Cracking | Appx 3' deep | Y | 1 | TPH, VOA, WWTP Metals * |
| 230 | Electrical trench | Runs from west of AZ-32 to west of AZ-46 | Pit cleanout observed to be intact | 6" deep trench | N | | |
| 231/283 | Pit | G-32 | Pit cleanout observed to be intact | Same as 283 | N | | |
| 232 | Sump | East of M-32 | Metal lined, full of dirt | | Excavate | | |
| 233 | Sump | S-30 | Pit cleanout observed to be intact | 2' deep | N | | |
| 234 | Pan sump | R-34 | Stainless steel lined, observed to be intact | Metal lined sump | N | | |
| 235 | Elevator pit | North of DD-32 | Pit cleanout observed to be intact | Appx 5' deep | Electric/cable | | |
| 236 | Electrical dist. pit | North of FF-30 | Pit cleanout observed to be intact | Appx 10' deep | N | | |
| 237 | Electrical dist. pit | North of FF-30 | Pit cleanout observed to be intact | Appx 20' deep | N | | |
| 238 | Electrical dist. pit | South of EE-36 | Pit cleanout observed to be intact. Water infiltration through conduit observed after clean out | | N | | |
| 239 | Sump | Northwest of Y-40 | Corrosion. Water infiltration occurred after clean out | | Y | 1 | TPH, VOA, WWTP Metals * |
| 240 | Electrical dist. pit | East of O-42 | Pit cleanout observed to be intact | | N | | |
| 241 | Coil up-ender sump | West of AZ-36 | Stainless steel lined, observed to be intact | Appx 3' deep | N | | |
| 242 | Scale pit | West of AZ-36 | Pit cleanout observed to be intact | Appx 3' deep | N | | |
| 243 | Water service pit | East of AY-44 | City of Trenton Water Line, welded shut | Under manhole cover, not opened or inspected | N | | |
| 244 | Water valve pit | East of AY-48 | Pit cleanout observed to be intact | Appx 10' | N | | |
| 245 | Scale pit | East of AY-48 | Pit cleanout observed to be intact | | N | | |
| 246 | Water service pit | West of A-48 | Covered with manhole, fire water valve | Under manhole cover, not opened or inspected | N | | |
| 247 | Scrap metal pit (4 cells) | East of AY-52 to AY-55 | Water infiltration with sheen (southern pit/cell) after cleanout | 15' wide by 63' long by 20' deep, houses four cells | Y | 2 (mid-point E and adjacent to south pit) | TPH, VOA, WWTP Metals * |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**Miscellaneous Sumps/Pits (Cont)**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| 248 | Utility pit | West of AZ-55 | Pit cleanout observed to be intact | Appx 5' deep | N | | |
| 249 | Plasticol paint and primer pit | East of A-55 | Filled in with sediment/debris | 3' x 3' x 8' | Y | 1 | VOA, WWTP Metals, TPH |
| 250 | Sump | East of A-52 | Filled in with sediment/debris | | Y | 1 | VOA, WWTP Metals, TPH |
| 251 | Sump | West of E-49 | Pit cleanout observed to be intact | Appx 3' deep | N | | |
| 252 | Tool room press pit | West of E-48 | Pit cleanout observed to be intact | Appx 1' deep | N | | |
| 253 | Sump | E-48 | Pit cleanout observed to be intact | | N | | |
| 254 | Barrel finishing Tumbling pit | Area of G-46 to G-48 | Pit cleanout observed to be intact | Appx 1' deep trench that runs to the north, east and south of form tumbling area | N | | |
| 255 | Sump | Northeast of Y-44 | Severe corrosion at bottom of sump. Water infiltration occurred after cleanout | Appx 5' deep | Y | 1 | VOA, WWTP Metals, TPH |
| 256 | Sump | North of Y-44 | Poured concrete, water level flush with pipe invert, good condition | Appx 5' deep | N | | |
| 257 | Pit | Southwest of Y-44 | Poured concrete, water level appx 1' below pad, - unknown depth | | N | | |
| 258 | Lancy Cyanide treatment pit | South of T-49 | Pit cleanout observed to be intact | Appx 1.5' deep | N | | |
| 259 | Sump | North of T-52 | Pit cleanout observed to be intact | | N | | |
| 260 | Sump | North of U-52 | Pit cleanout observed to be intact | Outwash from Lancy | N | | |
| 261 | Sump | Northeast of T-55 | Poured concrete, corrosion on northern and western sidewalls, water level flush with pipe (12") invert, 6" water on bottom, sediment covering bottom | Appx 3' | Y | 2 (N & W side) | TPH |
| 262 | Sump | East of U-55 | Poured concrete, major corrosion on northern sidewall, no cracking, no water, sediment covers bottom | Appx 2' deep | Y | 1 (N side) | TPH, VOA, WWTP Metals * |
| 263 | DI Pit | East of W-55 | | Two manhole covers connect | Y | 1 | WWTP Metals |
| 264 | Imbieber box | Southwest of N-55 | Water infiltration occurred after cleanout | | Y | 1 | PCBs |
| 265 | possible elec pit | South of O-55 | Water infiltration occurred after cleanout | | N | | |
| 266 | Possible water valve pit | South of DD-55 | Water valve not necessary to sample | Appx 2' deep | N | | |
| 267 | Electrical sump | Southeast of DD-55 | Pumped out - water infiltration occurred after pump-out | | N | | |
| 268 | Solution Storage room trench | South of EE-55 to JJ-55 | Poured concrete, minor cracking along sidewall bottoms, no water | Appx 1' deep | Y | 2 (SE corner & center sump) | WWTP Metals, CN |
| 269 | Utility trench to maintenance building | South of EE-55 | Filled in with sediment/debris | Filled in | N | | |
| 270 | Sanitation wash deck | GG-55 to II-55 | Poured concrete, no water, sediment covering bottom- fair to good condition | 1' deep | N | | |
| 271 | Hydraulic Compactor trench | East of KK-55 | Pit cleanout observed to be intact | 1' deep | Y | 1 | TPH |
| 272 | Elpo paint sump (1 of 3) | North of HH-55 | Pit cleanout observed to be intact | | N | | |
| 273 | Elpo paint sump (2 of 3) | JJ-49 | Pit cleanout observed to be intact | Appx 6' deep | N | | |
| 274 | Elpo paint sump (3 of 3) | North of II-48 | Pit cleanout observed to be intact. Water infiltration through conduit observed after clean out | Appx 4' deep | N | | |
| 275 | Condensate return sump | North of JJ-48 | Water infiltration occurred after cleanout | Appx 10' deep | Y | 1 | TPH, VOA, WWTP Metals* |
| 276 | Electrical dist. pit | DD-49 | Pit cleanout observed to be intact. Water infiltration through conduit observed after clean out | Appx 20' deep | N | | |
| 277 | Electrical dist. pit | GG-49 | Pit cleanout observed to be intact | Under manhole cover, not opened or inspected | N | | |
| 278 | Electrical dist. pit | South of GG-48 | Manhole cover removed and pumped out, water infiltration after pump-out | Under manhole cover, not opened or inspected | N | | |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**Miscellaneous Sumps/Pits (Cont)**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| 279 | | AY-12 | Trench drain (slab painted red). Fiberglass-lined, poured concrete. Damaged fiberglass all 4 sides. Concrete-filled trench eroded @ sump | 24" x 18" sump. Cooling tower blowdown | Y | 1 (sump) | TPH, VOA, TAL Metals |
| 280 | Sump | S of AY-12 | Stainless steel lined, observed to be intact | | N | | |
| 281 | Elect. Distribution pit | West of Q-28 | Pit cleanout observed to be intact | | N | | |
| 282 | Sump | South of U-26 | Pit cleanout observed to be intact | 2'x2'x2' | N | | |
| 283/231 | Press Pit | West of G-32 | Pit cleanout observed to be intact | Same as 231 | N | | |
| 284 | | J36 | Minor corrosion observed along bottom | 3' x 3' | N | | |
| 285 | Sump | NW of O-36 | Stainless steel lined, observed to be intact | 2'x2'x2' | N | | |

**Miscellaneous 300 Series**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| 300 | Weak spot in concrete | South of K-32 | Weak spot in concrete and opening beneath steel plate | Undetermined floor slab | N | | |
| 301 | Eastern track well | KK-28 to KK-55 | Appx 5' deep, no water, minor sediment clean-out | No major staining, staining or corrosion observed, good condition | Y | 3 | TPH |
| 302 | Western track well | AY-38 to AY-55 | Appx 5' deep, no water, minor sediment clean-out | AY 50 (W track well) slab discoloration up to track well staining **(1)** on E side wall of track well (concrete floor) AY 45.5 - 43 earthen floor in track well **(1)**. Steel plate on ground NE corner (AY 38) anything underneath? **(1)** | Y | 3 | TPH |
| 303 | East track well tunnel | KK-28 to KK-55 | Hollow tunnel adjacent to eastern track well, access inside tunnel through manhole openings, clean-out | | Uncover to expose & inspect | | |
| 304 | Vehicle Wasdown Deck | Off-grid, adjacent to former maintanence bldg. | Washdown deck adjacent to northeast of former maintanence building. Cracking observed in western trench and in center | | Y | 2 | WWTP Metals, VOCs, PCBs, BN+20 |
| 305 | Shipping and receiving area | Off-grid, adjacent to former maintanence bldg. | Eastern and Western shipping and receiving decks with drainage trenches. Two samples in each trench in areas of cracking and damage. | | Y | 4 | WWTP Metals, VOCs, PCBs, BN+20 |
| 306 | Former fuel oil piping trench | Off-grid, Area 3 | Former No. 6 fuel oil piping trench adjacent to the south of the former power house. | | Y | 3 | TPH, PAHs, |

**Unnumbered Pits**

| SUMP/PIT NUMBER | NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| UN-3 | Filled in area | C-33 to D-38 | | Open area - concrete removed, gravel. | N | | |
| UN-4 | Hydraulic UST loc. | NE of Pit 222 | Location of former hydraulic oil UST | Concrete-filled metal frame. 10'x10'x4' concrete vault | Y | 1 | TPH, VOA, TAL Metals |
| UN-7 | Exposed flooring | A-8 | | Caved in floor (demo damage) | N | | |
| UN-8 | Gravel filled hole | E of FF-6 | | Gravel-filled hole in slab | N | | |
| UN-9 | Filled in trench | E of GG-6 to 10 | Utility trench for offices | Trench drains with solid cover | N | | |
| UN-10 | Demo damage | J-16 | | Demolished concrete | N | | |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**PROCESS SEWER LINES**

| SEWER NUMBER | NAME | GRID LOCATION | DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|---|
| | Lateral Pipe #1 | Midway between column 6 and column 8 | Joint discontinuity and cracking adjacent to columns F, I & K, corrossion south of column Q. | Invert appx 4.5 ft at F, appx 5.5' at Q | Y | 2 | TAL Metals*, CR+6, CN, TPH, VOA |
| | Lateral Pipe #2 | North of column 14 | No damage observed in area video inspected | | N | | |
| | Lateral Pipe #3 | South of Column 20 | No damage observed in area video inspected | | N | | |
| | Lateral Pipe #4 | Midway between column 26 and column 28 | Separation of pipe in column Q and areas of dripping in the vicinity of column DD | Invert appx 6' at Q, appx 7.5' at DD | Y | 2 | TAL Metals*,VOA, CN, TPH, PCBs |
| | Lateral Pipe #5 | Midway between column 32 and column 34 | Piping corrosion adjacent to a feeder pipe along column E | Invert appx 3.5' at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs |
| | Lateral Pipe #6 | South of column 38 | Dripping and corrosion in the vicinity of column II | Invert appx 8.75' at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs |
| | Lateral Pipe #7 | South of column 44 | Broken and separated piping to the east of column M, dripping adjacent to column Q and broken piping to the east of column U | Invert appx 6.5' at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs |
| | Connection pipe #1A | West of column AA | No damage observed in area video inspected | Connects lateral pipe #7 and lateral pipe #8. Invert appx 4.25 at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs, VOA |
| | Lateral Pipe #8 | Appx 20 ft south of column 55 | Not video inspected | Collects process water from connection pipe #1A. Invert appx 4.0' at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs, VOA |
| | Main Crock Line | Appx 20 ft east of foundation | Not video inspected | Collects all discharge water from lateral pipes. Samples to be collected at each lateral pipe connection area. Pipe invert varies from 7.7' at lateral #1, 8' at lateral pipe #2 and #3, 8.5' at lateral pipe #4, 9' at lateral pipe #5 and #6, 10.25' at lateral pipe #7 and 10.5' at lateral pipe #8. | Y | 8 | TAL Metals*, CN, TPH, PCBs, VOA |
| | Manhole # 5 | Appx. 300 ft south of foundation (in Area 5) | Not video inspected | Junction in main crock line that changes direction to the southeast towards the WWTP. Invert appx 13' at proposed sample location | Y | 1 | TAL Metals*, CN, TPH, PCBs, VOA |
| | Crock entrance points to former neutralization tanks and clarifier in Area 8 | Area 8 | One entrance point into former clarifier and former neutralization tanks | One sample at each entrance point | Y | 2 | TAL Metals*, CN, TPH, PCBs, VOA |
| | Former WWTP Effluent | Area 10 | Effluent discharge area adjacent to gold run. Terra-cotta piping and adjacent manhole are present | Effluent discharge area in area 10 adjacent to Gold Run. | Y | 1 | TAL Metals**, CN, TPH, PCBs, VOA, BN+20 |

**TABLE 1**
Summary of Pits, Sumps, Trenches and Process Sewers
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

**SUPPLEMENTAL AREAS**

| NAME | GRID LOCATION | PIT DESCRIPTION/COMMENTS | MISC COMMENTS | SAMPLE (Y/N) | NO. SAMPLES | PARAMETERS |
|---|---|---|---|---|---|---|
| Chemical Storage Area in Solution Storage Room | | | | Y | 1 | Cu, Cr, Ni, Zn, CN |
| Hydraulic Oil UST | | | | Y | 1 | TPH, VOA, TAL Metals |
| Former Wastewater Treatment system in De-Ion Building | | | 5 Samples surrounding | Y | 5 | TPH, VOA, WWTP Metals * |
| Former Gasoline UST Locations Beneath Solution Storage Room | South of EE-55 and FF-55 | N/A | One boring in vicinity of each former UST location | Y | 2 | VO+10, MTBE & TBA |

**Legend**

* - Target analyte metals minus earth metals aluminum, potassium, cadmium, iron, magnesium & sodium.
** - Target analyte metals minus earth metals potassium, cadmium, iron, magnesium & sodium.
BN+20 - Base neutral compounds plus twenty tentatively identified compounds
CN - Cyanide
CR+6 - Hexavalent Chromium
PAHs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
TPH - Total Petroleum Hydrocarbons
WWTP Metals - Waste Water Treatment Plant Metals Al, As, Ba, Cd, Cr, Ca, Fe, Hg, Mn, Na, Ni, Pb, Zn
VOA - Volatile Organic Analysis

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL05-01 | | PL05-01 | | PL05-02 | | PL05-02 | | PL05-02 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512350 | | 512350 | | 512349 | | 512349 | | 512349 | | 512347 | | 512347 | | 512347 | | 512347 | | 512347 | | 512347 | | 512348 | |
| Depth | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 6.5 - 7 | |
| Sampling Date | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 25.0 | | 2.0 | | 5.0 | | 10.0 | | 20.0 | | 100.0 | | 10000.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 18. | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **11.** | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **8.5** | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **12.** | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **12.** | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 30. | J | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 15. | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 7.8 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **5,500.** | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **5.6** | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 8.7 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **700.** | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **99.** | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **56.** | U | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 94. | U | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **10.** | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **3.8** | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **16.** | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 13. | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **19.** | U | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 17. | U | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 20. | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 16. | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **200.** | J | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **8.6** | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 23. | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **8.4** | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **27.** | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **11.** | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 11. | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 20. | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **6.4** | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 8.8 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 13. | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 8.3 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 23. | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 54. | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 14. | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 8.6 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 18. | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 8. | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **17.** | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 10. | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4.4 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **12.** | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **12.** | U | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **19.** | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 12. | U | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 6,430. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | 0. | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 6,430. | | 0. | |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.4 | U | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 10. | U | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4.6 | U | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 6.9 | U | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4.9 | U | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 7.2 | U | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.2 | U | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.2 | U | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.4 | U | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 6.6 | U | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 80. | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4.8 | U | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.9 | U | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 5.4 | U | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **22.** | U | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4. | U | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.2 | U | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 7.5 | U | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.9 | U | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.6 | U | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3. | U | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 5.2 | U | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 1.6 | U | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 64. | | -- | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.45 | U | -- | | -- | |
| ACETOPHENONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.5 | U | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **140.** | | -- | | -- | |
| ATRAZINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 4.2 | U | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 1.9 | U | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **110.** | | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **63.** | | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **50.** | | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 21. | J | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **72.** | | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.2 | U | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 17. | J | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.8 | U | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **4.3** | U | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **460.** | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3.3 | U | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 21. | J | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **110.** | | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **14.** | | -- | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 43. | J | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 1.4 | U | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.3 | U | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 1.5 | U | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.4 | U | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **310.** | | -- | | -- | |
| FLUORENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 82. | | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **5.1** | U | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **2.** | U | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 7.7 | U | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 1.9 | U | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **23.** | | -- | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 34. | J | -- | | -- | |
| NITROBENZENE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 3. | U | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **2.** | U | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 9.6 | J | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 6.3 | U | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **9.6** | U | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 460. | | -- | | -- | |
| PHENOL | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 7.1 | U | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 2.6 | U | -- | | -- | |
| PYRENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **240.** | | -- | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 2,423.6 | | 0. | | 0. | |
| TOTAL NON-TARGETED SVOCS | | | | | | | | | | | | | | | | | | | | 12,430. | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 14,853.6 | | 0. | | 0. | |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL05-01 | | PL05-01 | | PL05-02 | | PL05-02 | | PL05-02 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512350 | | 512350 | | 512349 | | 512349 | | 512349 | | 512347 | | 512347 | | 512347 | | 512347 | | 512347 | | 512348 | |
| **Depth** | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 3.75 - 4.25 | | 6.5 - 7 | |
| **Sampling Date** | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 25.0 | | 2.0 | | 5.0 | | 10.0 | | 20.0 | | 100.0 | | 10000.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 10,000. | | -- | | 12,500. | | -- | | 652. | | -- | | -- | | -- | | -- | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.97 | U | -- | | 0.97 | U | -- | | **22.3** | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 2.7 | B | -- | | 8.7 | | -- | | **20.7** | | -- | | -- | | -- | | -- | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 45.4 | B | -- | | 37.4 | B | -- | | **1,460.** | | -- | | -- | | -- | | -- | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.76 | | -- | | 0.67 | | -- | | 0.05 | B | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.099 | U | -- | | 1.4 | | -- | | 2.4 | | -- | | -- | | -- | | -- | | -- | | -- | |
| CALCIUM | N/A | -- | | 1,610. | | -- | | 3,020. | | -- | | 1,790. | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 17.1 | | -- | | 36.9 | | -- | | 714. | | -- | | -- | | -- | | -- | | -- | | -- | |
| COBALT | N/A | -- | | 6.8 | B | -- | | 24.8 | | -- | | 13.1 | B | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 40.4 | | -- | | **2,040.** | | -- | | -- | | -- | | **15,500.** | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 14,500. | | -- | | 28,100. | | -- | | -- | | -- | | 98,400. | | -- | | -- | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 8.4 | | -- | | 8.7 | | -- | | **1,490.** | | -- | | -- | | -- | | -- | | -- | | -- | |
| MAGNESIUM | N/A | -- | | 1,860. | | -- | | 2,210. | | -- | | 177. | B | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 84.1 | | -- | | 201. | | -- | | 256. | | -- | | -- | | -- | | -- | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.04 | B | -- | | 0.02 | B | -- | | -- | | -- | | 4.8 | | -- | | -- | | -- | | -- | | 0.59 | |
| NICKEL AS TOTAL | 250. | -- | | **1,030.** | | -- | | -- | | **12,500.** | | -- | | -- | | **4,310.** | | -- | | -- | | -- | | -- | |
| POTASSIUM | N/A | -- | | 997. | B | -- | | 951. | B | -- | | 455. | B | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.97 | U | -- | | 1.5 | | -- | | 40.1 | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.17 | U | -- | | 0.17 | U | -- | | **110.** | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 89.6 | U | -- | | 130. | B | -- | | 116. | B | -- | | -- | | -- | | -- | | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | 1.1 | U | -- | | 1.4 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | 23.9 | | -- | | 31.8 | | -- | | 5. | B | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 54.3 | | -- | | 207. | | -- | | 474. | | -- | | -- | | -- | | -- | | -- | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | 1.3 | | -- | | -- | | -- | | -- | | -- | | 291. | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential . Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL05-03 | PL05-03 | PL05-03 | PL05-03 | PL05-04 | PL05-04 | PL05-04 | PL05-05 | PL05-05 | PL05-05 | PL06-01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512348 | 512348 | 512348 | 512348 | 512346 | 512346 | 512346 | 512345 | 512345 | 512345 | 511699 |
| Depth | | 6.5 - 7 | 6.5 - 7 | 6.5 - 7 | 6.5 - 7 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3 - 3.5 |
| Sampling Date | | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/17/04 |
| Matrix | SCC | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| Dilution Factor | | 2.0 | 10.0 | 20.0 | 500.0 | 1.0 | 2.0 | 5.0 | 1.0 | 2.0 | 5.0 | 1.0 |
| Units | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | 37.5 |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2-TRICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHYLENE | 8. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-11 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-12 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROBENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORODIBROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROETHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROMETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL N-BUTYL KETONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLBENZENE | 500. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLCYLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE (MONOMER) | 23. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRIBOMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHYLENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Xylene (Total) | 67. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | 0.36 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | 1.1 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | 0.48 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DICHLOROPHENOL | 10. | -- | 0.73 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DIMETHYLPHENOL | 10. | -- | 0.52 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROPHENOL | 10. | -- | 0.78 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROTOLUENE | N/A | -- | 0.22 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-DINITROTOLUENE | N/A | -- | 0.22 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLORONAPHTHALENE | N/A | -- | 0.35 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLOROPHENOL | 10. | -- | 0.69 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLNAPHTHALENE | N/A | -- | 54. | | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLPHENOL | 2,800. | -- | 0.51 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROANILINE | N/A | -- | 0.39 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROPHENOL | N/A | -- | 0.57 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,3-DICHLOROBENZIDINE | 2. | -- | **2.2** | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | 0.42 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 3-NITROANILINE | N/A | -- | 0.32 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | 0.82 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | 0.3 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | 0.27 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | 0.32 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYLPHENOL | 2,800. | -- | 0.55 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-NITROPHENOL | N/A | -- | 0.18 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHENE | 100. | -- | 26. | | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHYLENE | N/A | -- | 0.048 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETOPHENONE | N/A | -- | 0.26 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| ANTHRACENE | 100. | -- | 13. | | -- | -- | -- | -- | -- | -- | -- | -- |
| ATRAZINE | N/A | -- | 0.44 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZALDEHYDE | N/A | -- | 0.2 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)ANTHRACENE | 0.9 | -- | **3.6** | | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)PYRENE | 0.66 | -- | **1.2** | | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(B)FLUORANTHENE | 0.9 | -- | **1.7** | | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(G,H,I)PERYLENE | N/A | -- | 0.38 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(K)FLUORANTHENE | 0.9 | -- | **1.9** | | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZYL BUTYL PHTHALATE | 100. | -- | 0.23 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BIPHENYL | N/A | -- | 0.22 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | 0.4 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | 0.45 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | **51.** | | -- | -- | -- | -- | -- | -- | -- | -- |
| CAPROLACTAM | N/A | -- | 0.35 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBAZOLE | N/A | -- | 5. | J | -- | -- | -- | -- | -- | -- | -- | -- |
| CHRYSENE | 9. | -- | 4.4 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | 0.037 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZOFURAN | N/A | -- | 1.9 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| DIETHYL PHTHALATE | 50. | -- | 0.15 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| DIMETHYL PHTHALATE | 50. | -- | 0.24 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-BUTYLPHTHALATE | 100. | -- | 1.4 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-OCTYL PHTHALATE | 100. | -- | 0.25 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORANTHENE | 100. | -- | 13. | | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORENE | 100. | -- | 1.7 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | 0.51 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROBENZENE | 0.66 | -- | 0.21 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | 0.82 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROETHANE | 6. | -- | 0.2 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | 0.47 | J | -- | -- | -- | -- | -- | -- | -- | -- |
| NAPHTHALENE | 100. | -- | 22. | | -- | -- | -- | -- | -- | -- | -- | -- |
| NITROBENZENE | 10. | -- | 0.32 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | 0.21 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODIPHENYLAMINE | 100. | -- | 0.26 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| P-CHLOROANILINE | 230. | -- | 0.67 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| PENTACHLOROPHENOL | 6. | -- | 1. | U | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENANTHRENE | N/A | -- | 45. | | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENOL | 50. | -- | 0.75 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| P-NITROANILINE | N/A | -- | 0.26 | U | -- | -- | -- | -- | -- | -- | -- | -- |
| PYRENE | 100. | -- | 14. | | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED SVOCS | | 0. | 261.65 | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED SVOCS | | | 9,466. | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | 9,727.65 | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-03 | | PL05-04 | | PL05-04 | | PL05-04 | | PL05-05 | | PL05-05 | | PL05-05 | | PL06-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512348 | | 512348 | | 512348 | | 512348 | | 512346 | | 512346 | | 512346 | | 512345 | | 512345 | | 512345 | | 511699 | |
| **Depth** | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3 - 3.5 | |
| **Sampling Date** | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 10.0 | | 20.0 | | 500.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 3,090. | | -- | | -- | | -- | | -- | | 11,500. | | -- | | -- | | 3,000. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | **26.** | | -- | | -- | | -- | | -- | | 0.98 | U | -- | | -- | | 2.3 | B | -- | | -- | |
| ARSENIC AS TOTAL | 20. | 16.3 | | -- | | -- | | -- | | -- | | 8.1 | | -- | | -- | | 5.6 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | **1,010.** | | -- | | -- | | -- | | -- | | 162. | | -- | | -- | | 65.8 | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.15 | B | -- | | -- | | -- | | -- | | 0.54 | | -- | | -- | | 0.14 | B | -- | | -- | |
| CADMIUM AS TOTAL | 39. | 10. | | -- | | -- | | -- | | -- | | 1.1 | B | -- | | -- | | 0.1 | U | -- | | -- | |
| CALCIUM | N/A | 11,800. | | -- | | -- | | -- | | -- | | 8,340. | | -- | | -- | | 936. | B | -- | | -- | |
| CHROMIUM | 120,000. | 561. | | -- | | -- | | -- | | -- | | 83.4 | | -- | | -- | | 119. | | -- | | -- | |
| COBALT | N/A | 6.6 | B | -- | | -- | | -- | | -- | | 11.6 | B | -- | | -- | | 14.8 | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | **46,700.** | | -- | | -- | | 316. | | -- | | -- | | 74.7 | | -- | | -- | |
| IRON | N/A | 34,300. | | -- | | -- | | -- | | -- | | 26,400. | | -- | | -- | | 8,820. | | -- | | -- | |
| LEAD AS TOTAL | 400. | **1,070.** | | -- | | -- | | -- | | -- | | 54.6 | | -- | | -- | | 174. | | -- | | -- | |
| MAGNESIUM | N/A | 1,400. | B | -- | | -- | | -- | | -- | | 2,820. | | -- | | -- | | 481. | B | -- | | -- | |
| MANGANESE | N/A | 116. | | -- | | -- | | -- | | -- | | 207. | | -- | | -- | | 54.4 | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | -- | | -- | | 0.2 | | -- | | -- | | 0.1 | | -- | | -- | | 0.02 | B |
| NICKEL AS TOTAL | 250. | -- | | -- | | **2,000.** | | -- | | -- | | -- | | **2,030.** | | -- | | -- | | **1,790.** | | -- | |
| POTASSIUM | N/A | 456. | B | -- | | -- | | -- | | -- | | 947. | B | -- | | -- | | 490. | B | -- | | -- | |
| SELENIUM AS TOTAL | 63. | 19.5 | | -- | | -- | | -- | | -- | | 1.6 | | -- | | -- | | 1. | U | -- | | -- | |
| SILVER AS TOTAL | 110. | 48.6 | | -- | | -- | | -- | | -- | | 0.43 | B | -- | | -- | | 0.18 | U | -- | | -- | |
| SODIUM | N/A | 305. | B | -- | | -- | | -- | | -- | | 110. | B | -- | | -- | | 137. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | 1.5 | U | -- | | -- | | -- | | -- | | 1.1 | U | -- | | -- | | 1.1 | U | -- | | -- | |
| VANADIUM | 370. | 6.6 | B | -- | | -- | | -- | | -- | | 28. | | -- | | -- | | 9.2 | B | -- | | -- | |
| ZINC AS TOTAL | 1,500. | 227. | | -- | | -- | | -- | | -- | | 127. | | -- | | -- | | 18.2 | | -- | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | **9,960.** | | 1.9 | | -- | | -- | | -- | | 32.3 | | -- | | 4.7 | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.017 | U |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.005 | U |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.016 | U |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.016 | U |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.012 | U |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.022 | U |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.012 | U |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL06-01 | PL06-01 | PL06-01 | PL06-01 | PL06-02 | PL06-02 | PL06-02 | PL06-02 | PL06-03 | PL06-03 | PL06-03 | PL07-01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 511699 | 511699 | 511700 | 511700 | 511698 | 511698 | 511698 | 511698 | 511697 | 511697 | 511697 | 512337 |
| Depth | | 3 - 3.5 | 3 - 3.5 | 6.5 - 7 | 6.5 - 7 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | 3 - 3.5 | 3 - 3.5 | 3 - 3.5 | 3 - 3.5 |
| Sampling Date | | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/18/04 |
| Matrix | SCC | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| Dilution Factor | | 2.0 | 10.0 | 1.0 | 2.0 | 1.0 | 25.0 | 50.0 | 96.0 | 1.0 | 20.0 | 500.0 | 1.0 |
| Units | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | -- | 25. U | -- | -- | **33,500.** | -- | -- | 25. U | -- | -- | -- |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2-TRICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHYLENE | 8. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-11 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-12 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROBENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORODIBROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROETHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROMETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL N-BUTYL KETONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLBENZENE | 500. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLCYLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE (MONOMER) | 23. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRIBOMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHYLENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Xylene (Total) | 67. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DIMETHYLPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLORONAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLNAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,3-DICHLOROBENZIDINE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETOPHENONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ANTHRACENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ATRAZINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZALDEHYDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)ANTHRACENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)PYRENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(B)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(G,H,I)PERYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(K)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZYL BUTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIPHENYL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CAPROLACTAM | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBAZOLE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHRYSENE | 9. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZOFURAN | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIMETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-BUTYLPHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-OCTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORANTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROBENZENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROETHANE | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NAPHTHALENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NITROBENZENE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODIPHENYLAMINE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-CHLOROANILINE | 230. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PENTACHLOROPHENOL | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENANTHRENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PYRENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED SVOCS | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL06-01 | | PL06-01 | PL06-01 | PL06-01 | | PL06-02 | PL06-02 | PL06-02 | | PL06-02 | PL06-03 | PL06-03 | | PL06-03 | PL07-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511699 | | 511699 | 511700 | 511700 | | 511698 | 511698 | 511698 | | 511698 | 511697 | 511697 | | 511697 | 512337 | |
| **Depth** | | 3 - 3.5 | | 3 - 3.5 | 6.5 - 7 | 6.5 - 7 | | 3.5 - 4 | 3.5 - 4 | 3.5 - 4 | | 3.5 - 4 | 3 - 3.5 | 3 - 3.5 | | 3 - 3.5 | 3 - 3.5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | 03/17/04 | 03/17/04 | | 03/17/04 | 03/17/04 | 03/17/04 | | 03/17/04 | 03/17/04 | 03/17/04 | | 03/17/04 | 03/18/04 | |
| **Matrix** | SCC | Soil | | Soil | Soil | Soil | | Soil | Soil | Soil | | Soil | Soil | Soil | | Soil | Soil | |
| **Dilution Factor** | | 2.0 | | 10.0 | 1.0 | 2.0 | | 1.0 | 25.0 | 50.0 | | 96.0 | 1.0 | 20.0 | | 500.0 | 1.0 | |
| **Units** | | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 13,600. | | -- | -- | 4,990. | | -- | -- | 2,620. | | -- | -- | 1,220. | | -- | -- | |
| ANTIMONY AS TOTAL | 14. | 1.4 | B | -- | -- | 1.4 | B | -- | -- | **195.** | | -- | -- | **487.** | | -- | -- | |
| ARSENIC AS TOTAL | 20. | 5.5 | | -- | -- | 0.76 | U | -- | -- | **27.9** | U | -- | -- | 8.1 | U | -- | -- | |
| BARIUM AS TOTAL | 700. | 203. | | -- | -- | 43.5 | B | -- | -- | **6,200.** | | -- | -- | 107. | B | -- | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.62 | | -- | -- | 0.14 | B | -- | -- | **2.6** | U | -- | -- | 0.76 | U | -- | -- | |
| CADMIUM AS TOTAL | 39. | 0.099 | U | -- | -- | 0.095 | U | -- | -- | 3.5 | U | -- | -- | 1. | U | -- | -- | |
| CALCIUM | N/A | 10,300. | | -- | -- | 167. | B | -- | -- | 3,460. | B | -- | -- | 380. | B | -- | -- | |
| CHROMIUM | 120,000. | 853. | | -- | -- | 742. | | -- | -- | 67,500. | | -- | -- | 13,900. | | -- | -- | |
| COBALT | N/A | 7.9 | B | -- | -- | 2.9 | B | -- | -- | 14.8 | U | -- | -- | 4.3 | U | -- | -- | |
| COPPER AS TOTAL | 600. | 332. | | -- | -- | 232. | | -- | -- | **14,800.** | | -- | -- | 48.2 | B | -- | -- | |
| IRON | N/A | 23,200. | | -- | -- | 15,700. | | -- | -- | 77,100. | | -- | -- | 25,700. | | -- | -- | |
| LEAD AS TOTAL | 400. | 34.4 | | -- | -- | 5.2 | | -- | -- | **10,600.** | | -- | -- | 83.5 | | -- | -- | |
| MAGNESIUM | N/A | 2,240. | | -- | -- | 598. | B | -- | -- | 1,350. | B | -- | -- | 136. | B | -- | -- | |
| MANGANESE | N/A | 394. | | -- | -- | 82.4 | | -- | -- | 157. | | -- | -- | 19.3 | B | -- | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | 0.02 | U -- | | 0.35 | -- | -- | | -- | 0.09 | -- | | -- | 0.02 | U |
| NICKEL AS TOTAL | 250. | **1,190.** | | -- | -- | **542.** | | -- | -- | **30,700.** | | -- | -- | 7.3 | B | -- | -- | |
| POTASSIUM | N/A | 614. | B | -- | -- | 391. | B | -- | -- | 2,752. | U | -- | -- | 2,190. | B | -- | -- | |
| SELENIUM AS TOTAL | 63. | 1. | U | -- | -- | 1. | U | -- | -- | 41.4 | B | -- | -- | 10.7 | U | -- | -- | |
| SILVER AS TOTAL | 110. | 0.35 | U | -- | -- | 0.33 | U | -- | -- | 12.2 | U | -- | -- | 3.6 | U | -- | -- | |
| SODIUM | N/A | 98. | U | -- | -- | 801. | B | -- | -- | 3,451. | U | -- | -- | 1,006. | U | -- | -- | |
| THALLIUM AS TOTAL | 2. | 1.2 | U | -- | -- | 1.1 | U | -- | -- | **41.** | U | -- | -- | **12.** | U | -- | -- | |
| VANADIUM | 370. | 32.6 | | -- | -- | 11.9 | | -- | -- | 15.7 | U | -- | -- | 23. | B | -- | -- | |
| ZINC AS TOTAL | 1,500. | 251. | | -- | -- | 98.9 | | -- | -- | 1,420. | | -- | -- | 18.3 | B | -- | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 167. | 36. | -- | | -- | -- | -- | | 4,920. | -- | -- | | 12,200. | 2. | U |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | 0.5 | U -- | | 1.4 | -- | -- | | -- | 0.5 | U -- | | -- | 22.6 | |
| **PCBs** | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | 0.017 | U -- | | 0.025 | U -- | -- | | -- | 0.018 | U -- | | -- | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | 0.005 | U -- | | 0.007 | U -- | -- | | -- | 0.005 | U -- | | -- | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | 0.016 | U -- | | 0.023 | U -- | -- | | -- | 0.016 | U -- | | -- | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | 0.016 | U -- | | 0.023 | U -- | -- | | -- | 0.016 | U -- | | -- | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | 0.011 | U -- | | 0.017 | U -- | -- | | -- | 0.012 | U -- | | -- | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | 0.021 | U -- | | 0.032 | U -- | -- | | -- | 0.023 | U -- | | -- | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | 0.012 | U -- | | 0.018 | U -- | -- | | -- | 0.013 | U -- | | -- | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | 0. | 0. | | 0. | 0. | 0. | | 0. | 0. | 0. | | 0. | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential . Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-02 | | PL07-02 | | PL07-02 | | PL07-02 | | PL07-02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512337 | | 512337 | | 512337 | | 512339 | | 512339 | | 512339 | | 512339 | | 512336 | | 512336 | | 512336 | | 512336 | |
| Depth | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | |
| Sampling Date | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 2.0 | | 20.0 | | 50.0 | | 1.0 | | 2.0 | | 4.0 | | 10.0 | | 1.0 | | 2.0 | | 10.0 | | 50.0 | | 102.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.052 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.053 | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.03 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.024 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.035 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.034 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.035 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.042 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.042 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.043 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.044 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.022 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.02 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.016 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.024 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.029 | U | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.28 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.28 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.16 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.16 | U | -- | |
| ACETONE | 100. | -- | | -- | | 0.27 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.27 | U | -- | |
| BENZENE | 1. | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.029 | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.011 | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.046 | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.036 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.037 | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.056 | U | -- | |
| CFC-11 | N/A | -- | | -- | | 0.049 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.05 | U | -- | |
| CFC-12 | N/A | -- | | -- | | 0.056 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.057 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.047 | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.012 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.025 | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.066 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.067 | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.024 | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.077 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.078 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.032 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.032 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.033 | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.056 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.057 | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.018 | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.025 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.038 | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.024 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.066 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.067 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.15 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.16 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.041 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.041 | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.025 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.05 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.051 | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.023 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.047 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.047 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.03 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.013 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.013 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.034 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.035 | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.035 | U | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.055 | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.033 | U | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETOPHENONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ATRAZINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| FLUORENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| NITROBENZENE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| PHENOL | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| PYRENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED SVOCS | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-01 | | PL07-02 | | PL07-02 | | PL07-02 | | PL07-02 | | PL07-02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512337 | | 512337 | | 512337 | | 512339 | | 512339 | | 512339 | | 512336 | | 512336 | | 512336 | | 512336 | | 512336 | |
| **Depth** | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | |
| **Sampling Date** | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 20.0 | | 50.0 | | 1.0 | | 2.0 | | 4.0 | | 10.0 | | 1.0 | | 2.0 | | 10.0 | | 50.0 | | 102.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 8,380. | | -- | | -- | | -- | | 6,670. | | -- | | -- | | -- | | 8,620. | | -- | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | 0.95 | U | -- | | -- | | -- | | 0.95 | U | -- | | -- | | -- | | -- | | 4.6 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | 2.8 | B | -- | | -- | | -- | | 3.2 | B | -- | | -- | | -- | | 2.1 | B | -- | | -- | | -- | |
| BARIUM AS TOTAL | 700. | 65.8 | | -- | | -- | | -- | | 44.2 | B | -- | | -- | | -- | | 131. | | -- | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.7 | | -- | | -- | | -- | | 0.48 | B | -- | | -- | | -- | | 0.78 | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | 0.11 | B | -- | | -- | | -- | | 0.097 | U | -- | | -- | | -- | | 0.093 | U | -- | | -- | | -- | |
| CALCIUM | N/A | 764. | B | -- | | -- | | -- | | 526. | B | -- | | -- | | -- | | 1,020. | B | -- | | -- | | -- | |
| CHROMIUM | 120,000. | 75.9 | | -- | | -- | | -- | | 14.4 | | -- | | -- | | -- | | -- | | 5,080. | | -- | | -- | |
| COBALT | N/A | 14. | | -- | | -- | | -- | | 5.1 | B | -- | | -- | | -- | | 12.5 | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | 148. | | -- | | -- | | -- | | **4,970.** | | -- | | -- | | -- | | 134. | | -- | | -- | | -- | |
| IRON | N/A | 20,600. | | -- | | -- | | -- | | 13,800. | | -- | | -- | | -- | | 19,800. | | -- | | -- | | -- | |
| LEAD AS TOTAL | 400. | 4.3 | | -- | | -- | | -- | | 3.2 | | -- | | -- | | -- | | 10.2 | | -- | | -- | | -- | |
| MAGNESIUM | N/A | 1,130. | B | -- | | -- | | -- | | 668. | B | -- | | -- | | -- | | 1,350. | | -- | | -- | | -- | |
| MANGANESE | N/A | 231. | | -- | | -- | | -- | | 141. | | -- | | -- | | -- | | 429. | | -- | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | 0.04 | B | -- | | -- | | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | **11,100.** | | -- | | -- | | -- | | -- | | **4,250.** | | -- | | 108. | | -- | | -- | | -- | |
| POTASSIUM | N/A | 1,560. | | -- | | -- | | -- | | 742. | B | -- | | -- | | -- | | 1,120. | B | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | 1. | B | -- | | -- | | -- | | 0.95 | U | -- | | -- | | -- | | 1.5 | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | 0.17 | U | -- | | -- | | -- | | 0.17 | U | -- | | -- | | -- | | 0.49 | B | -- | | -- | | -- | |
| SODIUM | N/A | 246. | B | -- | | -- | | -- | | 447. | B | -- | | -- | | -- | | 838. | B | -- | | -- | | -- | |
| THALLIUM AS TOTAL | 2. | 1.1 | U | -- | | -- | | -- | | 1.1 | U | -- | | -- | | -- | | 1. | U | -- | | -- | | -- | |
| VANADIUM | 370. | 19.2 | | -- | | -- | | -- | | 17.7 | | -- | | -- | | -- | | 21. | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | 421. | | -- | | -- | | -- | | 29.1 | | -- | | -- | | -- | | 142. | | -- | | -- | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | 2. | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 993. | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | 42.4 | | -- | | 2.2 | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential . Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL07-03 | PL07-03 | PL07-03 | PL07-03 | PL07-03 | PL07-03 | PL07-03 | PL07-04 | PL07-04 | PL07-04 | PL07-04 | PL07-04 | PL09-01 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512340 | 512340 | 512340 | 512341 | 512341 | 512342 | 512342 | 512343 | 512343 | 512343 | 512344 | 512344 | 511715 |
| Depth | | 2.75 - 3.25 | 2.75 - 3.25 | 2.75 - 3.25 | 6 - 6.5 | 6 - 6.5 | 8 - 8.5 | 8 - 8.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 8 - 8.5 | 8 - 8.5 | 4 - 4.5 |
| Sampling Date | | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/18/04 | 03/17/04 |
| Matrix | SCC | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| Dilution Factor | | 1.0 | 2.0 | 50.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 50.0 | 1.0 | 2.0 | 1.0 |
| Units | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | -- | 0.049 U | -- | -- | -- | -- | -- | -- | 0.051 U | -- | -- | -- |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | -- | 0.028 U | -- | -- | -- | -- | -- | -- | 0.03 U | -- | -- | -- |
| 1,1,2-TRICHLOROETHANE | 1. | -- | -- | 0.023 U | -- | -- | -- | -- | -- | -- | 0.023 U | -- | -- | -- |
| 1,1-DICHLOROETHANE | 10. | -- | -- | 0.032 U | -- | -- | -- | -- | -- | -- | 0.14 J | -- | -- | -- |
| 1,1-DICHLOROETHYLENE | 8. | -- | -- | 0.031 U | -- | -- | -- | -- | -- | -- | 0.034 U | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | -- | 0.039 U | -- | -- | -- | -- | -- | -- | 0.041 U | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | -- | 0.04 U | -- | -- | -- | -- | -- | -- | 0.042 U | -- | -- | -- |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | -- | 0.02 U | -- | -- | -- | -- | -- | -- | 0.022 U | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 50. | -- | -- | 0.018 U | -- | -- | -- | -- | -- | -- | 0.69 J | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1. | -- | -- | 0.015 U | -- | -- | -- | -- | -- | -- | 0.016 U | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 10. | -- | -- | 0.023 U | -- | -- | -- | -- | -- | -- | 0.024 U | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 100. | -- | -- | 0.027 U | -- | -- | -- | -- | -- | -- | 0.028 U | -- | -- | -- |
| 2-BUTANONE | 50. | -- | -- | 0.26 U | -- | -- | -- | -- | -- | -- | 0.27 U | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 50. | -- | -- | 0.15 U | -- | -- | -- | -- | -- | -- | 0.16 U | -- | -- | -- |
| ACETONE | 100. | -- | -- | 0.25 U | -- | -- | -- | -- | -- | -- | 0.26 U | -- | -- | -- |
| BENZENE | 1. | -- | -- | 0.027 U | -- | -- | -- | -- | -- | -- | 0.029 U | -- | -- | -- |
| BROMODICHLOROMETHANE | 1. | -- | -- | 0.01 U | -- | -- | -- | -- | -- | -- | 0.011 U | -- | -- | -- |
| BROMOMETHANE | 1. | -- | -- | 0.043 U | -- | -- | -- | -- | -- | -- | 0.044 U | -- | -- | -- |
| CARBON DISULFIDE | N/A | -- | -- | 0.034 U | -- | -- | -- | -- | -- | -- | 0.035 U | -- | -- | -- |
| CARBON TETRACHLORIDE | 1. | -- | -- | 0.05 U | -- | -- | -- | -- | -- | -- | 0.054 U | -- | -- | -- |
| CFC-11 | N/A | -- | -- | 0.046 U | -- | -- | -- | -- | -- | -- | 0.048 U | -- | -- | -- |
| CFC-12 | N/A | -- | -- | 0.052 U | -- | -- | -- | -- | -- | -- | 0.055 U | -- | -- | -- |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | -- | 0.043 U | -- | -- | -- | -- | -- | -- | 0.045 U | -- | -- | -- |
| CHLOROBENZENE | 1. | -- | -- | 0.011 U | -- | -- | -- | -- | -- | -- | 0.011 U | -- | -- | -- |
| CHLORODIBROMOMETHANE | 1. | -- | -- | 0.023 U | -- | -- | -- | -- | -- | -- | 0.024 U | -- | -- | -- |
| CHLOROETHANE | N/A | -- | -- | 0.061 U | -- | -- | -- | -- | -- | -- | 0.064 U | -- | -- | -- |
| CHLOROFORM | 1. | -- | -- | 0.022 U | -- | -- | -- | -- | -- | -- | 0.023 U | -- | -- | -- |
| CHLOROMETHANE | 10. | -- | -- | 0.072 U | -- | -- | -- | -- | -- | -- | 0.075 U | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1. | -- | -- | 0.029 U | -- | -- | -- | -- | -- | -- | 0.03 U | -- | -- | -- |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | -- | 0.03 U | -- | -- | -- | -- | -- | -- | 0.032 U | -- | -- | -- |
| CYCLOHEXANE | N/A | -- | -- | 0.052 U | -- | -- | -- | -- | -- | -- | 0.054 U | -- | -- | -- |
| DICHLOROMETHANE | 1. | -- | -- | 0.017 U | -- | -- | -- | -- | -- | -- | 0.017 U | -- | -- | -- |
| ETHYLBENZENE | 100. | -- | -- | 0.023 U | -- | -- | -- | -- | -- | -- | 0.024 U | -- | -- | -- |
| ISOPROPYLBENZENE | N/A | -- | -- | 0.034 U | -- | -- | -- | -- | -- | -- | 0.036 U | -- | -- | -- |
| M-DICHLOROBENZENE | 100. | -- | -- | 0.022 U | -- | -- | -- | -- | -- | -- | 0.023 U | -- | -- | -- |
| METHYL ACETATE | N/A | -- | -- | 0.062 U | -- | -- | -- | -- | -- | -- | 0.064 U | -- | -- | -- |
| METHYL N-BUTYL KETONE | N/A | -- | -- | 0.14 U | -- | -- | -- | -- | -- | -- | 0.15 U | -- | -- | -- |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | -- | 0.038 U | -- | -- | -- | -- | -- | -- | 0.04 U | -- | -- | -- |
| METHYLBENZENE | 500. | -- | -- | 0.023 U | -- | -- | -- | -- | -- | -- | 0.024 U | -- | -- | -- |
| METHYLCYLOHEXANE | N/A | -- | -- | 0.046 U | -- | -- | -- | -- | -- | -- | 0.049 U | -- | -- | -- |
| STYRENE (MONOMER) | 23. | -- | -- | 0.021 U | -- | -- | -- | -- | -- | -- | 0.022 U | -- | -- | -- |
| TETRACHLOROETHENE | 1. | -- | -- | 0.044 U | -- | -- | -- | -- | -- | -- | 0.047 U | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | -- | 0.027 U | -- | -- | -- | -- | -- | -- | 0.028 U | -- | -- | -- |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | -- | 0.012 U | -- | -- | -- | -- | -- | -- | 0.012 U | -- | -- | -- |
| TRIBOMOMETHANE | 1. | -- | -- | 0.032 U | -- | -- | -- | -- | -- | -- | 0.033 U | -- | -- | -- |
| TRICHLOROETHYLENE | 1. | -- | -- | 0.032 U | -- | -- | -- | -- | -- | -- | 0.38 | -- | -- | -- |
| VINYL CHLORIDE | 2. | -- | -- | 0.05 U | -- | -- | -- | -- | -- | -- | 0.052 U | -- | -- | -- |
| Xylene (Total) | 67. | -- | -- | 0.03 U | -- | -- | -- | -- | -- | -- | 0.032 U | -- | -- | -- |
| TOTAL TARGETED VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 1.21 | 0. | 0. | 0. |
| TOTAL NON-TARGETED VOCS | | | | 1. | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | 0. | 1. | 0. | 0. | 0. | 0. | 0. | 0. | 1.21 | 0. | 0. | 0. |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DIMETHYLPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLORONAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLNAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,3-DICHLOROBENZIDINE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETOPHENONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ANTHRACENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ATRAZINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZALDEHYDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)ANTHRACENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)PYRENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(B)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(G,H,I)PERYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(K)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZYL BUTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIPHENYL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CAPROLACTAM | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBAZOLE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHRYSENE | 9. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZOFURAN | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIMETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-BUTYLPHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-OCTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORANTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROBENZENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROETHANE | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NAPHTHALENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NITROBENZENE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODIPHENYLAMINE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-CHLOROANILINE | 230. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PENTACHLOROPHENOL | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENANTHRENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PYRENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED SVOCS | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL07-03 | | PL07-03 | | PL07-03 | PL07-03 | PL07-03 | | PL07-03 | | PL07-03 | | PL07-04 | | PL07-04 | | PL07-04 | | PL07-04 | | PL09-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512340 | | 512340 | | 512340 | 512341 | 512341 | | 512342 | | 512342 | | 512343 | | 512343 | | 512343 | | 512344 | | 511715 | |
| Depth | | 2.75 - 3.25 | | 2.75 - 3.25 | | 2.75 - 3.25 | 6 - 6.5 | 6 - 6.5 | | 8 - 8.5 | | 8 - 8.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 8 - 8.5 | | 8 - 8.5 | | 4 - 4.5 | |
| Sampling Date | | 03/18/04 | | 03/18/04 | | 03/18/04 | 03/18/04 | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/17/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | Soil | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 50.0 | 1.0 | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 8,630. | | -- | -- | 13,300. | | -- | | 14,200. | | -- | | 7,440. | | -- | | -- | | 9,040. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.95 | U | -- | -- | 0.95 | U | -- | | 0.97 | U | -- | | 0.86 | U | -- | | -- | | 0.96 | U | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 3.3 | B | -- | -- | 5.2 | B | -- | | 4.5 | B | -- | | 2.4 | B | -- | | -- | | 4.9 | B | -- | |
| BARIUM AS TOTAL | 700. | -- | | 85.8 | | -- | -- | 97.5 | | -- | | 43.3 | B | -- | | 218. | | -- | | -- | | 404. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.63 | | -- | -- | 0.83 | | -- | | 0.7 | | -- | | 0.83 | | -- | | -- | | 0.9 | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.097 | U | -- | -- | 0.098 | U | -- | | 0.1 | U | -- | | 0.088 | U | -- | | -- | | 0.26 | B | -- | |
| CALCIUM | N/A | -- | | 581. | B | -- | -- | 503. | B | -- | | 548. | B | -- | | 1,550. | | -- | | -- | | 12,200. | | -- | |
| CHROMIUM | 120,000. | -- | | 34.8 | | -- | -- | 31.7 | | -- | | 22.6 | | -- | | 66.7 | | -- | | -- | | 1,100. | | -- | |
| COBALT | N/A | -- | | 5.7 | B | -- | -- | 4.5 | B | -- | | 8.6 | B | -- | | 10.7 | B | -- | | -- | | 7.3 | B | -- | |
| COPPER AS TOTAL | 600. | -- | | 22.1 | | -- | -- | 13.2 | | -- | | 16.9 | | -- | | 325. | | -- | | -- | | 386. | | -- | |
| IRON | N/A | -- | | 14,800. | | -- | -- | 20,300. | | -- | | 26,800. | | -- | | 16,400. | | -- | | -- | | 21,000. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 9.8 | | -- | -- | 8.7 | | -- | | 8.9 | | -- | | 8.5 | | -- | | -- | | 27.9 | | -- | |
| MAGNESIUM | N/A | -- | | 1,640. | | -- | -- | 1,710. | | -- | | 2,060. | | -- | | 983. | B | -- | | -- | | 1,700. | | -- | |
| MANGANESE | N/A | -- | | 243. | | -- | -- | 180. | | -- | | 269. | | -- | | 260. | | -- | | -- | | 253. | | -- | |
| MERCURY AS TOTAL | 14. | 0.02 | B | -- | | -- | 0.04 | -- | | 0.04 | | -- | | 0.04 | | -- | | -- | | 0.12 | | -- | | 0.02 | U |
| NICKEL AS TOTAL | 250. | -- | | 45.4 | | -- | -- | 15.5 | | -- | | 13.5 | | -- | | **945.** | | -- | | -- | | **967.** | | -- | |
| POTASSIUM | N/A | -- | | 882. | B | -- | -- | 549. | B | -- | | 736. | B | -- | | 1,010. | B | -- | | -- | | 866. | B | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.95 | U | -- | -- | 1.4 | | -- | | 0.97 | U | -- | | 0.86 | U | -- | | -- | | 0.96 | U | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.17 | U | -- | -- | 0.17 | U | -- | | 0.17 | U | -- | | 0.15 | U | -- | | -- | | 0.17 | U | -- | |
| SODIUM | N/A | -- | | 802. | B | -- | -- | 413. | B | -- | | 430. | B | -- | | 544. | B | -- | | -- | | 1,060. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | -- | 1.1 | U | -- | | 1.1 | U | -- | | 0.97 | U | -- | | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | -- | | 19.4 | | -- | -- | 30.7 | | -- | | 37.5 | | -- | | 18.1 | | -- | | -- | | 20.5 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 226. | | -- | -- | 40.3 | | -- | | 30.5 | | -- | | 100. | | -- | | -- | | 505. | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | -- | 2. | -- | U | 2. | U | -- | | 2. | U | -- | | -- | | 4.2 | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | 0.5 | -- | U | 0.5 | U | -- | | 0.5 | U | -- | | -- | | 5.4 | | -- | | 0.5 | U |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | 0. | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL09-01 | PL09-01 | PL09-02 | PL09-02 | PL09-02 | PL09-03 | PL09-03 | PL09-04 | PL09-04 | PL09-05 | PL09-05 | PL09-06 | PL09-06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 511715 | 511715 | 511716 | 511716 | 511716 | 511718 | 511718 | 511717 | 511717 | 511721 | 511721 | 511719 | 511719 |
| Depth | | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 | 4 - 4.5 |
| Sampling Date | | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 | 03/17/04 |
| Matrix | SCC | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| Dilution Factor | | 2.0 | 10.0 | 1.0 | 2.0 | 10.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 |
| Units | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1,2-TRICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,1-DICHLOROETHYLENE | 8. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROBENZENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,2-DICHLOROPROPANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1,4-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-BUTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYL-2-PENTANONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETONE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMODICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON DISULFIDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBON TETRACHLORIDE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-11 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CFC-12 | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROBENZENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLORODIBROMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROETHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROFORM | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHLOROMETHANE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,2-DICHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CYCLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DICHLOROMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ETHYLBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ISOPROPYLBENZENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| M-DICHLOROBENZENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL ACETATE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL N-BUTYL KETONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLBENZENE | 500. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| METHYLCYLOHEXANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| STYRENE (MONOMER) | 23. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TETRACHLOROETHENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRIBOMOMETHANE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TRICHLOROETHYLENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| VINYL CHLORIDE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Xylene (Total) | 67. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DICHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DIMETHYLPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,4-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2,6-DINITROTOLUENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLORONAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-CHLOROPHENOL | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLNAPHTHALENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 2-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,3-DICHLOROBENZIDINE | 2. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 3-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-METHYLPHENOL | 2,800. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4-NITROPHENOL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACENAPHTHYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ACETOPHENONE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ANTHRACENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| ATRAZINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZALDEHYDE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)ANTHRACENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(A)PYRENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(B)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(G,H,I)PERYLENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZO(K)FLUORANTHENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BENZYL BUTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIPHENYL | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CAPROLACTAM | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CARBAZOLE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| CHRYSENE | 9. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIBENZOFURAN | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DIMETHYL PHTHALATE | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-BUTYLPHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| DI-N-OCTYL PHTHALATE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORANTHENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| FLUORENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROBENZENE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| HEXACHLOROETHANE | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NAPHTHALENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| NITROBENZENE | 10. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| N-NITROSODIPHENYLAMINE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-CHLOROANILINE | 230. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PENTACHLOROPHENOL | 6. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENANTHRENE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PHENOL | 50. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| P-NITROANILINE | N/A | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| PYRENE | 100. | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL TARGETED SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| TOTAL NON-TARGETED SVOCS | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL09-01 | | PL09-01 | PL09-02 | | PL09-02 | | PL09-02 | PL09-03 | | PL09-03 | | PL09-04 | | PL09-04 | | PL09-05 | | PL09-05 | | PL09-06 | | PL09-06 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511715 | | 511715 | 511716 | | 511716 | | 511716 | 511718 | | 511718 | | 511717 | | 511717 | | 511721 | | 511721 | | 511719 | | 511719 | |
| **Depth** | | 4 - 4.5 | | 4 - 4.5 | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | 03/17/04 | | 03/17/04 | | 03/17/04 | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | Soil | | Soil | | Soil | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 10.0 | 1.0 | | 2.0 | | 10.0 | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | mg/kg | | mg/kg | | mg/kg | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 1,840. | | -- | -- | | 3,720. | | -- | -- | | 3,860. | | -- | | 6,120. | | -- | | 10,900. | | -- | | 5,940. | |
| ANTIMONY AS TOTAL | 14. | **27.8** | | -- | -- | | 0.93 | U | -- | -- | | 0.98 | U | -- | | 0.92 | U | -- | | 0.93 | U | -- | | 0.92 | U |
| ARSENIC AS TOTAL | 20. | 0.81 | U | -- | -- | | 0.81 | U | -- | -- | | 1.2 | B | -- | | 1.3 | B | -- | | 1.5 | B | -- | | 1.5 | B |
| BARIUM AS TOTAL | 700. | 23.4 | B | -- | -- | | 6.1 | B | -- | -- | | 23.4 | B | -- | | 63.3 | | -- | | 162. | | -- | | 13. | B |
| BERYLLIUM AS TOTAL | 2. | 0.05 | B | -- | -- | | 0.11 | B | -- | -- | | 0.35 | B | -- | | 0.59 | | -- | | 1.3 | | -- | | 0.28 | B |
| CADMIUM AS TOTAL | 39. | 0.22 | B | -- | -- | | 0.096 | U | -- | -- | | 0.1 | U | -- | | 0.094 | U | -- | | 0.095 | U | -- | | 0.31 | B |
| CALCIUM | N/A | 1,410. | | -- | -- | | 1,120. | B | -- | -- | | 1,840. | | -- | | 2,280. | | -- | | 1,330. | | -- | | 4,680. | |
| CHROMIUM | 120,000. | -- | | 3,620. | -- | | 545. | | -- | -- | | 92.6 | | -- | | 23.2 | | -- | | 20.9 | | -- | | 190. | |
| COBALT | N/A | 16.8 | | -- | -- | | 4.8 | B | -- | -- | | 29.2 | | -- | | 9.9 | B | -- | | 8.3 | B | -- | | 6.7 | B |
| COPPER AS TOTAL | 600. | 25. | | -- | -- | | 125. | | -- | -- | | 29.7 | | -- | | 25.5 | | -- | | 106. | | -- | | **2,120.** | |
| IRON | N/A | 2,470. | | -- | -- | | 2,810. | | -- | -- | | 4,100. | | -- | | 10,000. | | -- | | 29,500. | | -- | | 3,710. | |
| LEAD AS TOTAL | 400. | 11. | | -- | -- | | 2.2 | | -- | -- | | 14.2 | | -- | | 6.8 | | -- | | 11.3 | | -- | | 1.4 | |
| MAGNESIUM | N/A | 373. | B | -- | -- | | 376. | B | -- | -- | | 733. | B | -- | | 1,130. | | -- | | 3,640. | | -- | | 882. | B |
| MANGANESE | N/A | 17.8 | | -- | -- | | 14.2 | | -- | -- | | 232. | | -- | | 224. | | -- | | 581. | | -- | | 59.1 | |
| MERCURY AS TOTAL | 14. | -- | | -- | 0.02 | U | -- | | -- | 0.021 | U | -- | | 0.02 | B | -- | | 0.02 | U | -- | | 0.02 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | **2,530.** | -- | | **608.** | | -- | -- | | **1,100.** | | -- | | 75.1 | | -- | | 17.9 | | -- | | -- | |
| POTASSIUM | N/A | 189. | B | -- | -- | | 438. | B | -- | -- | | 235. | B | -- | | 575. | B | -- | | 2,510. | | -- | | 769. | B |
| SELENIUM AS TOTAL | 63. | 0.93 | U | -- | -- | | 0.93 | U | -- | -- | | 0.98 | U | -- | | 0.92 | U | -- | | 0.93 | U | -- | | 0.92 | U |
| SILVER AS TOTAL | 110. | 0.17 | U | -- | -- | | 0.17 | U | -- | -- | | 0.18 | U | -- | | 0.16 | U | -- | | 0.17 | U | -- | | 0.17 | U |
| SODIUM | N/A | 86.5 | U | -- | -- | | 86.4 | U | -- | -- | | 90.2 | U | -- | | 84.7 | U | -- | | 270. | B | -- | | 85.3 | U |
| THALLIUM AS TOTAL | 2. | 1.1 | U | -- | -- | | 1.1 | U | -- | -- | | 1.1 | U | -- | | 1. | U | -- | | 1. | U | -- | | 1. | U |
| VANADIUM | 370. | 1.4 | B | -- | -- | | 4.3 | B | -- | -- | | 4.9 | B | -- | | 13.6 | | -- | | 35. | | -- | | 3.1 | B |
| ZINC AS TOTAL | 1,500. | 880. | | -- | -- | | -- | | 1,270. | -- | | 316. | | -- | | 28.1 | | -- | | 49.5 | | -- | | 849. | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | 0.5 | U | -- | | -- | 0.5 | U | -- | | 0.5 | U | -- | | 0.5 | U | -- | | 22.9 | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | 0. | | 0. | | 0. | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential . Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL09-06 | | PL09-06 | | PL09-06 | |
|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511719 | | 511720 | | 511720 | |
| **Depth** | | 4 - 4.5 | | 5 - 5.5 | | 5 - 5.5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 10.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | |
| **SEMIVOLATILE ORGANIC COPOUNDS (SVOCs)** | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | -- | |
| ACETOPHENONE | N/A | -- | | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | -- | |
| ATRAZINE | N/A | -- | | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | -- | |
| FLUORENE | 100. | -- | | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | -- | |
| NITROBENZENE | 10. | -- | | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | -- | |
| PHENOL | 50. | -- | | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | -- | |
| PYRENE | 100. | -- | | -- | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED SVOCS | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 0. | |

**TABLE 2**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pits 5, 6, 7 & 9**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL09-06 | | PL09-06 | | PL09-06 | |
|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511719 | | 511720 | | 511720 | |
| **Depth** | | 4 - 4.5 | | 5 - 5.5 | | 5 - 5.5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 10.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | |
| **TAL Metals** | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 3,940. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 0.92 | U |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 0.81 | U |
| BARIUM AS TOTAL | 700. | -- | | -- | | 11.5 | B |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 0.25 | B |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.2 | B |
| CALCIUM | N/A | -- | | -- | | 970. | B |
| CHROMIUM | 120,000. | -- | | -- | | 77.7 | |
| COBALT | N/A | -- | | -- | | 2. | B |
| COPPER AS TOTAL | 600. | -- | | -- | | 500. | |
| IRON | N/A | -- | | -- | | 1,960. | |
| LEAD AS TOTAL | 400. | -- | | -- | | 0.52 | U |
| MAGNESIUM | N/A | -- | | -- | | 457. | B |
| MANGANESE | N/A | -- | | -- | | 24.1 | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | U | -- | |
| NICKEL AS TOTAL | 250. | **3,360.** | | -- | | **547.** | |
| POTASSIUM | N/A | -- | | -- | | 365. | B |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.92 | U |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.17 | U |
| SODIUM | N/A | -- | | -- | | 144. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1. | U |
| VANADIUM | 370. | -- | | -- | | 2.2 | B |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 63.5 | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | 8.1 | | -- | |
| **PCBs** | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-01 | | PL10-01 | | PL10-02 | | PL10-02 | | PL10-03 | | PL10-03 | | PL10-03 | | PL10-03 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509977 | | 509977 | | 509976 | | 509976 | | 508133 | | 508133 | | 508134 | | 508134 | |
| **Depth** | | 2.5 - 3 | | 2.5 - 3 | | 4.5 - 5 | | 4.5 - 5 | | 5 - 5.5 | | 5 - 5.5 | | 6 - 6.5 | | 6 - 6.5 | |
| **Sampling Date** | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 42.3 | | -- | | 711. | | -- | | 666. | | -- | | 49.9 | | -- | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 20,500. | | -- | | 14,100. | | -- | | 1,890. | | -- | | 10,300. | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.92 | U | -- | | 0.93 | U | -- | | 1.6 | B | -- | | 1.4 | U |
| ARSENIC AS TOTAL | 20. | -- | | 10. | | -- | | 7.5 | | -- | | 1.5 | | -- | | 0.77 | U |
| BARIUM AS TOTAL | 700. | -- | | 108. | | -- | | 68.9 | | -- | | 26.7 | B | -- | | **1,540.** | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.58 | | -- | | 0.48 | | -- | | 0.12 | B | -- | | 0.87 | |
| CADMIUM AS TOTAL | 39. | -- | | 0.094 | U | -- | | 0.095 | U | -- | | 0.19 | B | -- | | 0.34 | B |
| CALCIUM | N/A | -- | | 395. | B | -- | | 410. | B | -- | | 1,580. | | -- | | 742. | B |
| CHROMIUM | 120,000. | -- | | 30.6 | | -- | | 23.5 | | -- | | 14.8 | | -- | | 20.1 | |
| COBALT | N/A | -- | | 25.6 | | -- | | 15.8 | | -- | | 0.8 | B | -- | | 14.4 | |
| COPPER AS TOTAL | 600. | -- | | 20.8 | | -- | | 18.3 | | -- | | 46.2 | | -- | | 46.2 | |
| IRON | N/A | -- | | 45,300. | | -- | | 32,200. | | -- | | 7,590. | | -- | | 19,500. | |
| LEAD AS TOTAL | 400. | -- | | 13.3 | | -- | | 28.4 | | -- | | 165. | | -- | | 9.4 | |
| MAGNESIUM | N/A | -- | | 616. | B | -- | | 521. | B | -- | | 202. | B | -- | | 1,620. | |
| MANGANESE | N/A | -- | | 2,960. | | -- | | 1,860. | | -- | | 92.9 | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.07 | | -- | | 0.06 | | -- | | 0.03 | | -- | | 0.02 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | 17.3 | | -- | | 12.6 | | -- | | 3.2 | B | -- | | 12.9 | |
| POTASSIUM | N/A | -- | | 347. | B | -- | | 294. | B | -- | | 233. | B | -- | | 228. | B |
| SELENIUM AS TOTAL | 63. | -- | | 0.92 | U | -- | | 0.93 | U | -- | | 0.97 | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | -- | | 0.16 | U | -- | | 0.17 | U | -- | | 0.32 | U | -- | | 0.34 | U |
| SODIUM | N/A | -- | | 85. | U | -- | | 85.7 | U | -- | | 143. | B | -- | | 197. | B |
| THALLIUM AS TOTAL | 2. | -- | | 1. | U | -- | | 1. | U | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | 49.8 | | -- | | 32.1 | | -- | | 5.7 | B | -- | | 36.7 | |
| ZINC AS TOTAL | 1,500. | -- | | 21.6 | | -- | | 35.6 | | -- | | 207. | | -- | | 47.6 | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | 2.5 | | -- | | 2. | U | -- | | 2. | U | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-03 | | PL10-04 | | PL10-04 | | PL10-04 | | PL10-05 | | PL10-05 | | PL10-05 | | PL10-06 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 508134 | | 509975 | | 509975 | | 509975 | | 509974 | | 509974 | | 509974 | | 511709 | |
| **Depth** | | 6 - 6.5 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.75 - 3.25 | |
| **Sampling Date** | | 03/05/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 5.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 2.0 | | 12.5 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | 1,300. | | -- | | -- | | **15,500.** | | 973. | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 13,100. | | -- | | -- | | 6,360. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 0.85 | U | -- | | -- | | 0.87 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 5.9 | | -- | | -- | | 2.2 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 97. | | -- | | -- | | 35.9 | B | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 0.45 | | -- | | -- | | 0.21 | B | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.087 | U | -- | | -- | | 0.09 | B | -- | | -- | |
| CALCIUM | N/A | -- | | -- | | 446. | B | -- | | -- | | 1,040. | B | -- | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 18.7 | | -- | | -- | | 15.6 | | -- | | -- | |
| COBALT | N/A | -- | | -- | | 14.2 | | -- | | -- | | 4.2 | B | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | 14.3 | | -- | | -- | | 16.9 | | -- | | -- | |
| IRON | N/A | -- | | -- | | 25,800. | | -- | | -- | | 9,890. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 19.9 | | -- | | -- | | 12.9 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | 716. | B | -- | | -- | | 354. | B | -- | | -- | |
| MANGANESE | N/A | 3,450. | | -- | | 1,690. | | -- | | -- | | 967. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.05 | | -- | | -- | | 0.07 | | -- | | -- | | 0.02 | U |
| NICKEL AS TOTAL | 250. | -- | | -- | | 11.6 | | -- | | -- | | 8.7 | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | 301. | B | -- | | -- | | 226. | B | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.85 | U | -- | | -- | | 0.87 | U | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.15 | U | -- | | -- | | 0.4 | B | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 180. | B | -- | | -- | | 185. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 0.96 | U | -- | | -- | | 0.98 | U | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | 30. | | -- | | -- | | 10.4 | B | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 42.2 | | -- | | -- | | 162. | | -- | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 2. | U | -- | | -- | | 2.6 | | -- | | -- | | 2. | U |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-06 | | PL10-07 | | PL10-07 | | PL10-07 | | PL10-08 | | PL10-08 | | PL10-08 | | PL10-08 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511709 | | 508141 | | 508141 | | 508141 | | 508139 | | 508139 | | 508140 | | 508140 | |
| **Depth** | | 2.75 - 3.25 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 0.5 - 1 | | 0.5 - 1 | | 2.5 - 3 | | 2.5 - 3 | |
| **Sampling Date** | | 03/17/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 1.0 | | 2.0 | | 12.5 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | 3,170. | | 97.1 | | -- | | -- | | -- | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 6,990. | | -- | | 3,500. | | -- | | -- | | 5,760. | | -- | | 5,530. | |
| ANTIMONY AS TOTAL | 14. | 1.3 | U | -- | | 1.3 | U | -- | | -- | | 1.3 | U | -- | | 1.3 | U |
| ARSENIC AS TOTAL | 20. | 0.7 | U | -- | | 0.73 | U | -- | | -- | | 4.7 | | -- | | 0.72 | U |
| BARIUM AS TOTAL | 700. | 128. | | -- | | 69.7 | | -- | | -- | | 145. | | -- | | 160. | |
| BERYLLIUM AS TOTAL | 2. | **2.** | | -- | | 0.62 | | -- | | -- | | 0.64 | | -- | | 0.5 | |
| CADMIUM AS TOTAL | 39. | 0.088 | U | -- | | 0.17 | B | -- | | -- | | 0.34 | B | -- | | 0.11 | B |
| CALCIUM | N/A | 1,400. | | -- | | 1,140. | | -- | | -- | | 11,900. | | -- | | 846. | B |
| CHROMIUM | 120,000. | 14. | | -- | | 10.8 | | -- | | -- | | 14.5 | | -- | | 15.1 | |
| COBALT | N/A | 31.6 | | -- | | 3.1 | B | -- | | -- | | 6.9 | B | -- | | 2.5 | B |
| COPPER AS TOTAL | 600. | 3.7 | B | -- | | 7.7 | | -- | | -- | | 26.9 | | -- | | 11.4 | |
| IRON | N/A | 22,100. | | -- | | 9,210. | | -- | | -- | | 16,200. | | -- | | 7,990. | |
| LEAD AS TOTAL | 400. | 17.4 | | -- | | 2.5 | | -- | | -- | | 184. | | -- | | 3.6 | |
| MAGNESIUM | N/A | 2,780. | | -- | | 593. | B | -- | | -- | | 1,520. | | -- | | 535. | B |
| MANGANESE | N/A | 305. | | -- | | 281. | | -- | | -- | | 403. | | -- | | 526. | |
| MERCURY AS TOTAL | 14. | -- | | 0.019 | U | -- | | -- | | 0.02 | B | -- | | 0.019 | U | -- | |
| NICKEL AS TOTAL | 250. | 16.6 | | -- | | 5.8 | B | -- | | -- | | 13.5 | | -- | | 4.2 | B |
| POTASSIUM | N/A | 2,170. | | -- | | 71.8 | U | -- | | -- | | 721. | B | -- | | 70.5 | U |
| SELENIUM AS TOTAL | 63. | 0.92 | U | -- | | 0.96 | U | -- | | -- | | 0.97 | U | -- | | 0.94 | U |
| SILVER AS TOTAL | 110. | 0.31 | U | -- | | 0.32 | U | -- | | -- | | 0.32 | U | -- | | 0.31 | U |
| SODIUM | N/A | 603. | B | -- | | 189. | B | -- | | -- | | 391. | B | -- | | 244. | B |
| THALLIUM AS TOTAL | 2. | 1. | U | -- | | 1.1 | U | -- | | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | 8.5 | B | -- | | 12.5 | | -- | | -- | | 18.5 | | -- | | 17.8 | |
| ZINC AS TOTAL | 1,500. | 147. | | -- | | 8.1 | | -- | | -- | | 62.4 | | -- | | 11.6 | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 2. | U | -- | | -- | | 2. | U | -- | | 2. | U | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-08 | | PL10-09 | | PL10-09 | | PL10-10 | | PL10-10 | | PL10-11 | | PL10-11 | | PL10-11 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 508140 | | 508138 | | 508138 | | 508135 | | 508135 | | 508136 | | 508136 | | 508136 | |
| **Depth** | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | |
| **Sampling Date** | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 12.5 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 5,240. | | 78.6 | | -- | | 25. | U | -- | | -- | | -- | | **48,500.** | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 3,350. | | -- | | 5,220. | | -- | | 7,150. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.3 | U | -- | | 1.3 | U | -- | | 2.1 | B | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 0.69 | U | -- | | 0.72 | U | -- | | 5.1 | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 89.8 | | -- | | 123. | | -- | | 162. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 0.41 | B | -- | | 1.8 | | -- | | 0.09 | B | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.18 | B | -- | | 0.46 | B | -- | | 2.3 | | -- | |
| CALCIUM | N/A | -- | | -- | | 3,170. | | -- | | 1,420. | | -- | | 23,300. | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 21.6 | | -- | | 34.1 | | -- | | 224. | | -- | |
| COBALT | N/A | -- | | -- | | 3.2 | B | -- | | 11.8 | | -- | | 4.1 | B | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | 8.6 | | -- | | 11.7 | | -- | | **1,360.** | | -- | |
| IRON | N/A | -- | | -- | | 12,200. | | -- | | 29,800. | | -- | | 26,800. | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 11.9 | | -- | | 8.9 | | -- | | 341. | | -- | |
| MAGNESIUM | N/A | -- | | -- | | 885. | B | -- | | 1,020. | B | -- | | 1,340. | | -- | |
| MANGANESE | N/A | -- | | -- | | 320. | | -- | | 256. | | -- | | 220. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.018 | U | -- | | 0.019 | U | -- | | 1.2 | | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 10.2 | | -- | | 19.3 | | -- | | 119. | | -- | |
| POTASSIUM | N/A | -- | | -- | | 142. | B | -- | | 304. | B | -- | | 319. | B | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.91 | U | -- | | 0.94 | U | -- | | 0.95 | U | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.3 | U | -- | | 0.31 | U | -- | | 0.34 | B | -- | |
| SODIUM | N/A | -- | | -- | | 297. | B | -- | | 209. | B | -- | | 235. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1. | U | -- | | 1.1 | U | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | -- | | -- | | 20.4 | | -- | | 42.7 | | -- | | 12.4 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 12.2 | | -- | | 25.1 | | -- | | **2,710.** | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 2. | U | -- | | 2. | U | -- | | 5.9 | | -- | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-12 | | PL10-12 | | PL10-13 | | PL10-13 | | PL10-13 | | PL10-14 | | PL10-14 | | PL10-14 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511712 | | 511712 | | 511711 | | 511711 | | 511711 | | 508137 | | 508137 | | 508137 | |
| **Depth** | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 25.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 36.9 | | -- | | -- | | -- | | **46,000.** | | -- | | -- | | **17,600.** | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 6,640. | | -- | | 215. | | -- | | -- | | 4,250. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.4 | U | -- | | 1.8 | B | -- | | -- | | 1.5 | U | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 2. | | -- | | 0.73 | U | -- | | -- | | 1.5 | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 126. | | -- | | 3.2 | B | -- | | -- | | 149. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.3 | | -- | | 0.068 | U | -- | | -- | | 0.38 | B | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.094 | U | -- | | 0.091 | U | -- | | -- | | 0.37 | B | -- | |
| CALCIUM | N/A | -- | | 2,100. | | -- | | 80.4 | B | -- | | -- | | 1,560. | | -- | |
| CHROMIUM | 120,000. | -- | | 17.9 | | -- | | 11.5 | | -- | | -- | | 58.7 | | -- | |
| COBALT | N/A | -- | | 11.1 | B | -- | | 0.39 | U | -- | | -- | | 398. | | -- | |
| COPPER AS TOTAL | 600. | -- | | 10.2 | | -- | | 12.6 | | -- | | -- | | 26. | | -- | |
| IRON | N/A | -- | | 15,600. | | -- | | 389. | | -- | | -- | | 18,100. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 54.5 | | -- | | 352. | | -- | | -- | | 197. | | -- | |
| MAGNESIUM | N/A | -- | | 2,500. | | -- | | 15.6 | B | -- | | -- | | 411. | B | -- | |
| MANGANESE | N/A | -- | | 506. | | -- | | 2.2 | B | -- | | -- | | 129. | | -- | |
| MERCURY AS TOTAL | 14. | 0.11 | | -- | | 0.17 | | -- | | -- | | 0.15 | | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 16.9 | | -- | | 14. | | -- | | -- | | 26.1 | | -- | |
| POTASSIUM | N/A | -- | | 1,510. | | -- | | 72. | U | -- | | -- | | 674. | B | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.98 | U | -- | | 0.96 | U | -- | | -- | | 1.1 | U | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.33 | U | -- | | 0.32 | U | -- | | -- | | 0.37 | U | -- | |
| SODIUM | N/A | -- | | 229. | B | -- | | 90.3 | U | -- | | -- | | 329. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | 1.1 | U | -- | | -- | | 1.2 | U | -- | |
| VANADIUM | 370. | -- | | 15.1 | | -- | | 0.41 | U | -- | | -- | | 13.4 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 43.1 | | -- | | 16. | | -- | | -- | | 25.6 | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | 3.2 | | -- | | -- | | 8.2 | | -- | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | PL10-15 | | PL10-15 | | PL10-15 | | PL10-15 | | PL10-16 | | PL10-16 | | PL10-17 | | PL10-17 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 511710 | | 511710 | | 511710 | | 511710 | | 511713 | | 511713 | | 511707 | | 511707 | |
| Depth | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | |
| Sampling Date | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 5.0 | | 50.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 1,900. | | -- | | 968. | | -- | | -- | | -- | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | 0.043 | U | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | 0.034 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | 0.013 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | 0.23 | U | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | 0.13 | U | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | 0.22 | U | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.009 | U | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | 0.044 | U | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | 0.04 | U | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | 0.038 | U | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | 0.01 | U | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | 0.063 | U | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.019 | U | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | 0.13 | U | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | 0.041 | U | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | 0.019 | U | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | **1.6** | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.01 | U | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | 0.097 | J | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | 0.044 | U | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 1.697 | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | 3.08 | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 4.777 | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 726. | | -- | | -- | | -- | | 2,900. | | -- | | 15,200. | |
| ANTIMONY AS TOTAL | 14. | -- | | 5.7 | | -- | | -- | | -- | | 1.8 | B | -- | | 1.4 | U |
| ARSENIC AS TOTAL | 20. | -- | | **30.8** | | -- | | -- | | -- | | 0.72 | U | -- | | 1.2 | B |
| BARIUM AS TOTAL | 700. | -- | | 51.7 | | -- | | -- | | -- | | 47.2 | | -- | | 148. | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.074 | U | -- | | -- | | -- | | 0.34 | B | -- | | **2.3** | |
| CADMIUM AS TOTAL | 39. | -- | | 0.33 | B | -- | | -- | | -- | | 0.09 | U | -- | | 0.097 | U |
| CALCIUM | N/A | -- | | 29,400. | | -- | | -- | | -- | | 1,900. | | -- | | 10,100. | |
| CHROMIUM | 120,000. | -- | | 34.6 | | -- | | -- | | -- | | 13.4 | | -- | | 30.9 | |
| COBALT | N/A | -- | | 9.2 | B | -- | | -- | | -- | | 22.2 | | -- | | 117. | |
| COPPER AS TOTAL | 600. | -- | | **683.** | | -- | | -- | | -- | | 10.9 | | -- | | 30. | |
| IRON | N/A | -- | | 3,830. | | -- | | -- | | -- | | 7,710. | | -- | | 19,700. | |
| LEAD AS TOTAL | 400. | -- | | 249. | | -- | | -- | | -- | | 13.4 | | -- | | 32.2 | |
| MAGNESIUM | N/A | -- | | 83.2 | B | -- | | -- | | -- | | 613. | B | -- | | 1,260. | |
| MANGANESE | N/A | -- | | 40. | | -- | | -- | | -- | | 179. | | -- | | 661. | |
| MERCURY AS TOTAL | 14. | 0.25 | | -- | | -- | | -- | | 0.02 | U | -- | | 0.02 | B | -- | |
| NICKEL AS TOTAL | 250. | -- | | 137. | | -- | | -- | | -- | | 7.2 | B | -- | | 54.1 | |
| POTASSIUM | N/A | -- | | 152. | B | -- | | -- | | -- | | 204. | B | -- | | 1,070. | B |
| SELENIUM AS TOTAL | 63. | -- | | 1. | U | -- | | -- | | -- | | 0.95 | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | -- | | 0.34 | U | -- | | -- | | -- | | 0.32 | U | -- | | 0.34 | U |
| SODIUM | N/A | -- | | 189. | B | -- | | -- | | -- | | 516. | B | -- | | 1,460. | |
| THALLIUM AS TOTAL | 2. | -- | | 1.2 | U | -- | | -- | | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | 13.9 | | -- | | -- | | -- | | 8.1 | B | -- | | 27.6 | |
| ZINC AS TOTAL | 1,500. | -- | | 11.3 | | -- | | -- | | -- | | 13.5 | | -- | | 637. | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | -- | | -- | | 2. | U | -- | | 3.7 | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 3**
**Soil Analytical Results Summary**
**On Slab Investigation - Plater Pit 10**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | PL10-17 | | PL10-17 | | PL10-17 | | PL10-18 | | PL10-18 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511707 | | 511708 | | 511708 | | 511714 | | 511714 | |
| **Depth** | | 2.5 - 3 | | 3.5 - 4 | | 3.5 - 4 | | 2.5 - 3 | | 2.5 - 3 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 5.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 4,630. | | 41.8 | | -- | | 503. | | -- | |
| **VOLATILE ORGANIV COMPOUNDS (VOCs)** | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 6,040. | | -- | | 8,430. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.6 | B | -- | | 1.4 | B |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 0.8 | B | -- | | 0.76 | U |
| BARIUM AS TOTAL | 700. | -- | | -- | | 73.7 | | -- | | 69.9 | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 1.6 | | -- | | 0.99 | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.086 | U | -- | | 0.095 | U |
| CALCIUM | N/A | -- | | -- | | 874. | B | -- | | 5,540. | |
| CHROMIUM | 120,000. | -- | | -- | | 20.7 | | -- | | 15.7 | |
| COBALT | N/A | -- | | -- | | 6.7 | B | -- | | 20.8 | |
| COPPER AS TOTAL | 600. | -- | | -- | | 4.9 | B | -- | | 24.4 | |
| IRON | N/A | -- | | -- | | 25,000. | | -- | | 14,300. | |
| LEAD AS TOTAL | 400. | -- | | -- | | 15.5 | | -- | | 41.8 | |
| MAGNESIUM | N/A | -- | | -- | | 1,820. | | -- | | 1,430. | |
| MANGANESE | N/A | -- | | -- | | 67. | | -- | | 345. | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | U | -- | | 0.02 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 14.7 | | -- | | 17.1 | |
| POTASSIUM | N/A | -- | | -- | | 1,740. | | -- | | 348. | B |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.9 | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.3 | U | -- | | 0.33 | U |
| SODIUM | N/A | -- | | -- | | 313. | B | -- | | 330. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1. | U | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | -- | | 17.6 | | -- | | 13.8 | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 33.8 | | -- | | 38.2 | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 2. | U | -- | | 2. | U | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 4**

**Soil Analytical Results Summary**

**On Slab Investigation - Plater Pits 11 & 12**

**General Motors Corporation**

**Trenton, NJ**

**ISRA Case No. 97070**

| **Location** | | PL11-01 | | PL11-01 | | PL11-01 | | PL11-01 | | PL11-02 | | PL11-02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512352 | | 512352 | | 512353 | | 512353 | | 512351 | | 512351 | |
| **Depth** | | 3 - 3.5 | | 3 - 3.5 | | 5.5 - 6 | | 5.5 - 6 | | 3 - 3.5 | | 3 - 3.5 | |
| **Sampling Date** | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | | 03/18/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 25. | U | -- | | 176. | | -- | | 29.4 | | -- | |
| **TAL Metals** | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 5,030. | | -- | | 3,450. | | -- | | 3,700. | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.91 | U | -- | | 0.84 | U | -- | | 0.87 | U |
| ARSENIC AS TOTAL | 20. | -- | | 1.3 | B | -- | | 0.73 | U | -- | | 0.83 | B |
| BARIUM AS TOTAL | 700. | -- | | 14. | B | -- | | 10.9 | B | -- | | 17. | B |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.32 | B | -- | | 0.23 | B | -- | | 0.25 | B |
| CADMIUM AS TOTAL | 39. | -- | | 0.094 | U | -- | | 0.086 | U | -- | | 0.089 | U |
| CALCIUM | N/A | -- | | 704. | B | -- | | 1,520. | | -- | | 642. | B |
| CHROMIUM | 120,000. | -- | | 2.9 | | -- | | 5.4 | | -- | | 3.2 | |
| COBALT | N/A | -- | | 1.9 | B | -- | | 1.2 | B | -- | | 1.8 | B |
| COPPER AS TOTAL | 600. | -- | | 14.3 | | -- | | 9.4 | | -- | | 11.1 | |
| IRON | N/A | -- | | 3,640. | | -- | | 3,160. | | -- | | 4,410. | |
| LEAD AS TOTAL | 400. | -- | | 0.51 | U | -- | | 1.6 | | -- | | 1.3 | |
| MAGNESIUM | N/A | -- | | 1,400. | | -- | | 1,000. | B | -- | | 741. | B |
| MANGANESE | N/A | -- | | 47.4 | | -- | | 41.9 | | -- | | 125. | |
| MERCURY AS TOTAL | 14. | 0.019 | U | -- | | 0.018 | U | -- | | 0.019 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | 5.4 | B | -- | | 4.3 | B | -- | | 5.4 | B |
| POTASSIUM | N/A | -- | | 318. | B | -- | | 162. | B | -- | | 290. | B |
| SELENIUM AS TOTAL | 63. | -- | | 0.91 | U | -- | | 0.84 | U | -- | | 0.87 | U |
| SILVER AS TOTAL | 110. | -- | | 0.16 | U | -- | | 0.15 | U | -- | | 0.16 | U |
| SODIUM | N/A | -- | | 784. | B | -- | | 469. | B | -- | | 98.8 | B |
| THALLIUM AS TOTAL | 2. | -- | | 1. | U | -- | | 0.95 | U | -- | | 0.98 | U |
| VANADIUM | 370. | -- | | 2.6 | B | -- | | 2.2 | B | -- | | 3.4 | B |
| ZINC AS TOTAL | 1,500. | -- | | 9.4 | | -- | | 10.8 | | -- | | 20.4 | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | 2.2 | | -- | | 2. | U | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | 0.5 | U | -- | | 0.5 | U | -- | |
| **PCBs** | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.016 | U | -- | | 0.015 | U | -- | | 0.016 | U | -- | |
| AROCLOR 1254 | 0.49 | 0.004 | U | -- | | 0.004 | U | -- | | 0.004 | U | -- | |
| AROCLOR 1260 | 0.49 | 0.015 | U | -- | | 0.014 | U | -- | | 0.014 | U | -- | |
| AROCLOR-1016 | 0.49 | 0.015 | U | -- | | 0.014 | U | -- | | 0.014 | U | -- | |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | 0.01 | U | -- | | 0.01 | U | -- | |
| AROCLOR-1242 | 0.49 | 0.021 | U | -- | | 0.019 | U | -- | | 0.02 | U | -- | |
| AROCLOR-1248 | 0.49 | 0.012 | U | -- | | 0.011 | U | -- | | 0.011 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 4**

**Soil Analytical Results Summary**

**On Slab Investigation - Plater Pits 11 & 12**

**General Motors Corporation**

**Trenton, NJ**

**ISRA Case No. 97070**

| **Location** | | PL11-03 | | PL11-03 | | PL12-01 | | PL12-01 | | PL12-02 | | PL12-02 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511696 | | 511696 | | 511702 | | 511702 | | 507930 | | 507930 | |
| **Depth** | | 3 - 3.5 | | 3 - 3.5 | | 4.5 - 5 | | 4.5 - 5 | | 6.5 - 7 | | 6.5 - 7 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/04/04 | | 03/04/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 1,090. | | -- | | -- | | -- | | -- | | -- | |
| **TAL Metals** | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 10,500. | | -- | | 6,050. | | -- | | 5,500. | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.4 | U | -- | | 1.9 | B | -- | | 1.4 | U |
| ARSENIC AS TOTAL | 20. | -- | | 0.78 | U | -- | | 0.78 | U | -- | | 0.99 | B |
| BARIUM AS TOTAL | 700. | -- | | 101. | | -- | | 141. | | -- | | 79.2 | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.1 | | -- | | 0.33 | B | -- | | 0.39 | B |
| CADMIUM AS TOTAL | 39. | -- | | 0.097 | U | -- | | 0.097 | U | -- | | 0.29 | B |
| CALCIUM | N/A | -- | | 9,980. | | -- | | 1,990. | | -- | | 1,880. | |
| CHROMIUM | 120,000. | -- | | 35.7 | | -- | | 33. | | -- | | 15.6 | |
| COBALT | N/A | -- | | 8.5 | B | -- | | 103. | | -- | | 4.2 | B |
| COPPER AS TOTAL | 600. | -- | | 23.8 | | -- | | 112. | | -- | | 16.5 | |
| IRON | N/A | -- | | 23,900. | | -- | | 7,700. | | -- | | 11,600. | |
| LEAD AS TOTAL | 400. | -- | | 16.6 | | -- | | 15. | | -- | | 33.3 | |
| MAGNESIUM | N/A | -- | | 3,090. | | -- | | 972. | B | -- | | 1,050. | B |
| MANGANESE | N/A | -- | | 149. | | -- | | 360. | | -- | | 155. | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | 0.02 | U | -- | | 0.04 | B | -- | |
| NICKEL AS TOTAL | 250. | -- | | 15.8 | | -- | | 184. | | -- | | 16.1 | |
| POTASSIUM | N/A | -- | | 2,310. | | -- | | 419. | B | -- | | 309. | B |
| SELENIUM AS TOTAL | 63. | -- | | 1. | U | -- | | 1. | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | -- | | 0.34 | U | -- | | 0.34 | U | -- | | 0.33 | U |
| SODIUM | N/A | -- | | 183. | B | -- | | 95.9 | U | -- | | 158. | B |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | 12.4 | | -- | | 7.4 | B | -- | | 14.4 | |
| ZINC AS TOTAL | 1,500. | -- | | 53.1 | | -- | | 93.3 | | -- | | 184. | |
| **CHROMIUM, HEXAVALENT** | 20. | 2.6 | | -- | | 2. | U | -- | | 2. | U | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | 0.5 | U | -- | | 1.4 | | -- | |
| **PCBs** | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.017 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | 0.005 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | 0.016 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.016 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | 0.012 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | 0.022 | U | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | 0.012 | U | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 4**

**Soil Analytical Results Summary**

**On Slab Investigation - Plater Pits 11 & 12**

**General Motors Corporation**

**Trenton, NJ**

**ISRA Case No. 97070**

| **Location** | | PL12-03 | | PL12-03 | | PL12-04 | | PL12-04 | | PL12-05 | | PL12-05 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507929 | | 507929 | | 511703 | | 511703 | | 511704 | | 511704 | |
| **Depth** | | 7 - 7.5 | | 7 - 7.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | |
| **Sampling Date** | | 03/04/04 | | 03/04/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | |
| **TAL Metals** | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 6,840. | | -- | | 8,440. | | -- | | 10,500. | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.4 | U | -- | | 1.4 | U | -- | | 1.4 | U |
| ARSENIC AS TOTAL | 20. | -- | | 2.4 | | -- | | 0.87 | B | -- | | 1.2 | |
| BARIUM AS TOTAL | 700. | -- | | **1,810.** | | -- | | 33.1 | B | -- | | 32. | B |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.8 | | -- | | 0.58 | | -- | | 0.47 | B |
| CADMIUM AS TOTAL | 39. | -- | | 0.32 | B | -- | | 0.099 | U | -- | | 0.099 | U |
| CALCIUM | N/A | -- | | 1,280. | | -- | | 1,080. | B | -- | | 2,360. | |
| CHROMIUM | 120,000. | -- | | 16.9 | | -- | | 10.3 | | -- | | 27. | |
| COBALT | N/A | -- | | 26. | | -- | | 10.4 | B | -- | | 17.5 | |
| COPPER AS TOTAL | 600. | -- | | 8.2 | | -- | | 9.5 | | -- | | 175. | |
| IRON | N/A | -- | | 25,200. | | -- | | 12,300. | | -- | | 14,300. | |
| LEAD AS TOTAL | 400. | -- | | 4.7 | | -- | | 5.4 | | -- | | 5.7 | |
| MAGNESIUM | N/A | -- | | 1,650. | | -- | | 1,880. | | -- | | 1,800. | |
| MANGANESE | N/A | -- | | 8,690. | | -- | | 280. | | -- | | 250. | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | 0.02 | B | -- | | 0.06 | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 17.8 | | -- | | 13. | | -- | | 56.4 | |
| POTASSIUM | N/A | -- | | 208. | B | -- | | 579. | B | -- | | 497. | B |
| SELENIUM AS TOTAL | 63. | -- | | 0.99 | U | -- | | 1. | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | -- | | 0.33 | U | -- | | 0.35 | U | -- | | 0.35 | U |
| SODIUM | N/A | -- | | 223. | B | -- | | 1,470. | | -- | | 143. | B |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | 1.2 | U | -- | | 1.2 | U |
| VANADIUM | 370. | -- | | 20.9 | | -- | | 12.5 | | -- | | 16.2 | |
| ZINC AS TOTAL | 1,500. | -- | | 58.3 | | -- | | 30.2 | | -- | | 104. | |
| **CHROMIUM, HEXAVALENT** | 20. | 2. | U | -- | | 2. | U | -- | | 2. | U | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | 0.5 | U | -- | | 0.5 | U | -- | |
| **PCBs** | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 4**

**Soil Analytical Results Summary**

**On Slab Investigation - Plater Pits 11 & 12**

**General Motors Corporation**

**Trenton, NJ**

**ISRA Case No. 97070**

| **Location** | | PL12-06 | | PL12-06 | | PL12-06 | | PL12-07 | | PL12-07 | | PL12-08 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511701 | | 511701 | | 511701 | | 507932 | | 507932 | | 511705 | |
| **Depth** | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 0.5 - 1 | | 0.5 - 1 | | 4.5 - 5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/04/04 | | 03/04/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 10.0 | | 1.0 | | 2.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | |
| **TAL Metals** | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 13,700. | | -- | | -- | | 8,580. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 2. | B | -- | | -- | | 0.88 | U | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 6.6 | | -- | | -- | | 2.8 | B | -- | |
| BARIUM AS TOTAL | 700. | -- | | 101. | | -- | | -- | | 26.3 | B | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.41 | B | -- | | -- | | 0.46 | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.099 | U | -- | | -- | | 0.09 | U | -- | |
| CALCIUM | N/A | -- | | 1,730. | | -- | | -- | | 7,060. | | -- | |
| CHROMIUM | 120,000. | -- | | 1,010. | | -- | | -- | | 37.5 | | -- | |
| COBALT | N/A | -- | | 11.1 | B | -- | | -- | | 3.9 | B | -- | |
| COPPER AS TOTAL | 600. | -- | | 62.4 | | -- | | -- | | 6.4 | | -- | |
| IRON | N/A | -- | | 24,200. | | -- | | -- | | 9,480. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 163. | | -- | | -- | | 10.5 | | -- | |
| MAGNESIUM | N/A | -- | | 2,140. | | -- | | -- | | 765. | B | -- | |
| MANGANESE | N/A | -- | | 110. | | -- | | -- | | 99.3 | | -- | |
| MERCURY AS TOTAL | 14. | 0.11 | | -- | | -- | | 0.019 | U | -- | | 0.07 | |
| NICKEL AS TOTAL | 250. | -- | | **355.** | | -- | | -- | | 8.7 | B | -- | |
| POTASSIUM | N/A | -- | | 666. | B | -- | | -- | | 701. | B | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 1. | U | -- | | -- | | 0.89 | B | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.35 | U | -- | | -- | | 0.16 | U | -- | |
| SODIUM | N/A | -- | | 97.8 | U | -- | | -- | | 178. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.2 | U | -- | | -- | | 0.99 | U | -- | |
| VANADIUM | 370. | -- | | 31.4 | | -- | | -- | | 14.5 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 126. | | -- | | -- | | 18.8 | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | **349.** | | 10.2 | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | | 0.5 | U | -- | | 0.5 | U |
| **PCBs** | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 4**

**Soil Analytical Results Summary**

**On Slab Investigation - Plater Pits 11 & 12**

**General Motors Corporation**

**Trenton, NJ**

**ISRA Case No. 97070**

| **Location** | | PL12-08 | | PL12-08 | | PL12-08 | | PL12-08 | | PL12-08 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 511705 | | 511705 | | 511706 | | 511706 | | 511706 | |
| **Depth** | | 4.5 - 5 | | 4.5 - 5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | |
| **Sampling Date** | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 10.0 | | 1.0 | | 2.0 | | 10.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | |
| **TAL Metals** | | | | | | | | | | | |
| ALUMINUM | N/A | 12,200. | | -- | | -- | | 8,440. | | -- | |
| ANTIMONY AS TOTAL | 14. | 2.9 | | -- | | -- | | 1.4 | U | -- | |
| ARSENIC AS TOTAL | 20. | 1.7 | | -- | | -- | | 2.8 | | -- | |
| BARIUM AS TOTAL | 700. | 105. | | -- | | -- | | 44.8 | B | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.61 | | -- | | -- | | 0.45 | | -- | |
| CADMIUM AS TOTAL | 39. | 0.099 | U | -- | | -- | | 0.093 | U | -- | |
| CALCIUM | N/A | 16,500. | | -- | | -- | | 535. | B | -- | |
| CHROMIUM | 120,000. | 840. | | -- | | -- | | 112. | | -- | |
| COBALT | N/A | 4.2 | B | -- | | -- | | 10.4 | B | -- | |
| COPPER AS TOTAL | 600. | 39. | | -- | | -- | | 12.1 | | -- | |
| IRON | N/A | 15,000. | | -- | | -- | | 18,900. | | -- | |
| LEAD AS TOTAL | 400. | **2,410.** | | -- | | -- | | 21.8 | | -- | |
| MAGNESIUM | N/A | 2,420. | | -- | | -- | | 1,700. | | -- | |
| MANGANESE | N/A | 238. | | -- | | -- | | 516. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | **329.** | | -- | | -- | | 11.6 | | -- | |
| POTASSIUM | N/A | 801. | B | -- | | -- | | 678. | B | -- | |
| SELENIUM AS TOTAL | 63. | 1. | U | -- | | -- | | 0.98 | U | -- | |
| SILVER AS TOTAL | 110. | 0.35 | U | -- | | -- | | 0.33 | U | -- | |
| SODIUM | N/A | 4,910. | | -- | | -- | | 515. | B | -- | |
| THALLIUM AS TOTAL | 2. | 1.2 | U | -- | | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | 15.4 | | -- | | -- | | 18.3 | | -- | |
| ZINC AS TOTAL | 1,500. | 539. | | -- | | -- | | 31. | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | **110.** | | -- | | -- | | **94.7** | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | 0.5 | U | -- | | -- | |
| **PCBs** | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-01 | | DC-01 | | DC-01 | | DC-02 | | DC-02 | | DC-02 | | DC-03 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507302 | | 507302 | | 507302 | | 507301 | | 507301 | | 507301 | | 507300 | |
| **Depth** | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 6 - 6.5 | | 6 - 6.5 | | 6 - 6.5 | | 7.5 - 8 | |
| **Sampling Date** | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 7,210. | | -- | | -- | | 3,930. | | -- | |
| **TAL Metals** | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 7,570. | | -- | | -- | | 10,600. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.3 | U | -- | | -- | | 1.3 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 0.76 | B | -- | | -- | | 0.7 | U | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 339. | | -- | | -- | | 152. | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.94 | | -- | | -- | | 1.1 | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.091 | U | -- | | -- | | 0.088 | U | -- | | -- | |
| CALCIUM | N/A | -- | | 2,180. | | -- | | -- | | 2,050. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 16.2 | | -- | | -- | | 25.9 | | -- | | -- | |
| COBALT | N/A | -- | | 12.3 | | -- | | -- | | 17.8 | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 1.8 | B | -- | | -- | | 2.5 | B | -- | | -- | |
| IRON | N/A | -- | | 25,500. | | -- | | -- | | 25,900. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 15.1 | | -- | | -- | | 8.9 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | 3,770. | | -- | | -- | | 6,590. | | -- | | -- | |
| MANGANESE | N/A | -- | | 1,460. | | -- | | -- | | 480. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.02 | B | -- | | -- | | 0.02 | B | -- | | -- | | 0.02 | B |
| NICKEL AS TOTAL | 250. | -- | | 26.3 | | -- | | -- | | 35.1 | | -- | | -- | |
| POTASSIUM | N/A | -- | | 1,950. | | -- | | -- | | 2,890. | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.95 | U | -- | | -- | | 0.92 | U | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.32 | U | -- | | -- | | 0.31 | U | -- | | -- | |
| SODIUM | N/A | -- | | 145. | B | -- | | -- | | 152. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | -- | | 1. | U | -- | | -- | |
| VANADIUM | 370. | -- | | 12.9 | | -- | | -- | | 13.4 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 60.3 | | -- | | -- | | 73.1 | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.016 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.017 | U |
| AROCLOR 1254 | 0.49 | 0.004 | U | -- | | -- | | 0.004 | U | -- | | -- | | 0.005 | U |
| AROCLOR 1260 | 0.49 | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U |
| AROCLOR-1016 | 0.49 | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.012 | U |
| AROCLOR-1242 | 0.49 | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.022 | U |
| AROCLOR-1248 | 0.49 | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.012 | U |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-03 | | DC-03 | | DC-04 | | DC-04 | | DC-04 | | DC-05 | | DC-05 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507300 | | 507300 | | 507299 | | 507299 | | 507299 | | 507298 | | 507298 | |
| **Depth** | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | |
| **Sampling Date** | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 5.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 6,840. | | -- | | -- | | 5,130. | | 739. | | -- | |
| **TAL Metals** | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 2,560. | | -- | | -- | | 7,410. | | -- | | -- | | 9,670. | |
| ANTIMONY AS TOTAL | 14. | 1.4 | U | -- | | -- | | 1.3 | U | -- | | -- | | 1.3 | U |
| ARSENIC AS TOTAL | 20. | 0.78 | U | -- | | -- | | 1. | B | -- | | -- | | 0.73 | U |
| BARIUM AS TOTAL | 700. | 115. | | -- | | -- | | 141. | | -- | | -- | | 337. | |
| BERYLLIUM AS TOTAL | 2. | 0.37 | B | -- | | -- | | 1.3 | | -- | | -- | | 1.9 | |
| CADMIUM AS TOTAL | 39. | 0.098 | U | -- | | -- | | 0.089 | U | -- | | -- | | 0.091 | U |
| CALCIUM | N/A | 2,210. | | -- | | -- | | 1,930. | | -- | | -- | | 2,150. | |
| CHROMIUM | 120,000. | 12. | | -- | | -- | | 16.7 | | -- | | -- | | 29. | |
| COBALT | N/A | 4.4 | B | -- | | -- | | 18.3 | | -- | | -- | | 14.3 | |
| COPPER AS TOTAL | 600. | 2.4 | B | -- | | -- | | 1.6 | B | -- | | -- | | 1.5 | B |
| IRON | N/A | 10,900. | | -- | | -- | | 20,400. | | -- | | -- | | 30,000. | |
| LEAD AS TOTAL | 400. | 5.9 | | -- | | -- | | 14.8 | | -- | | -- | | 18.3 | |
| MAGNESIUM | N/A | 867. | B | -- | | -- | | 3,830. | | -- | | -- | | 5,530. | |
| MANGANESE | N/A | 110. | | -- | | -- | | 330. | | -- | | -- | | 793. | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | B | -- | | -- | | 0.02 | B | -- | |
| NICKEL AS TOTAL | 250. | 5.9 | B | -- | | -- | | 20.9 | | -- | | -- | | 27. | |
| POTASSIUM | N/A | 111. | B | -- | | -- | | 1,890. | | -- | | -- | | 2,970. | |
| SELENIUM AS TOTAL | 63. | 1. | U | -- | | -- | | 0.93 | U | -- | | -- | | 0.95 | U |
| SILVER AS TOTAL | 110. | 0.34 | U | -- | | -- | | 0.31 | U | -- | | -- | | 0.32 | U |
| SODIUM | N/A | 116. | B | -- | | -- | | 156. | B | -- | | -- | | 155. | B |
| THALLIUM AS TOTAL | 2. | 1.1 | U | -- | | -- | | 1. | U | -- | | -- | | 1.1 | U |
| VANADIUM | 370. | 15. | | -- | | -- | | 17.5 | | -- | | -- | | 17.8 | |
| ZINC AS TOTAL | 1,500. | 196. | | -- | | -- | | 52.5 | | -- | | -- | | 71.1 | |
| **PCBs** | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | 0.015 | U | -- | | -- | | 0.016 | U | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | 0.004 | U | -- | | -- | | 0.004 | U | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | 0.014 | U | -- | | -- | | 0.015 | U | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | 0.014 | U | -- | | -- | | 0.015 | U | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | 0.01 | U | -- | | -- | | 0.011 | U | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-06 | | DC-06 | | DC-07 | | DC-07 | | DC-08 | | DC-08 | | DC-09 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507296 | | 507296 | | 507295 | | 507295 | | 507293 | | 507293 | | 507912 | |
| **Depth** | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 7.5 - 8 | |
| **Sampling Date** | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/03/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 49.1 | | -- | | 110. | | -- | | 39.6 | | -- | | 25. | U |
| **TAL Metals** | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 9,330. | | -- | | 9,280. | | -- | | 10,200. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.3 | U | -- | | 1.3 | U | -- | | 1.4 | U | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 0.74 | U | -- | | 0.74 | U | -- | | 0.76 | U | -- | |
| BARIUM AS TOTAL | 700. | -- | | 252. | | -- | | 129. | | -- | | 157. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.4 | | -- | | 0.76 | | -- | | 0.84 | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.092 | U | -- | | 0.092 | U | -- | | 0.096 | U | -- | |
| CALCIUM | N/A | -- | | 1,680. | | -- | | 1,590. | | -- | | 1,020. | B | -- | |
| CHROMIUM | 120,000. | -- | | 19.4 | | -- | | 20. | | -- | | 17.8 | | -- | |
| COBALT | N/A | -- | | 13.2 | | -- | | 11.7 | | -- | | 11.5 | B | -- | |
| COPPER AS TOTAL | 600. | -- | | 3.2 | B | -- | | 2.1 | B | -- | | 2.9 | B | -- | |
| IRON | N/A | -- | | 25,100. | | -- | | 22,200. | | -- | | 21,300. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 10.5 | | -- | | 9.3 | | -- | | 7.9 | | -- | |
| MAGNESIUM | N/A | -- | | 4,090. | | -- | | 3,110. | | -- | | 3,110. | | -- | |
| MANGANESE | N/A | -- | | 335. | | -- | | 243. | | -- | | 571. | | -- | |
| MERCURY AS TOTAL | 14. | 0.019 | U | -- | | 0.02 | B | -- | | 0.02 | B | -- | | 0.019 | U |
| NICKEL AS TOTAL | 250. | -- | | 25.8 | | -- | | 17.1 | | -- | | 18.4 | | -- | |
| POTASSIUM | N/A | -- | | 2,360. | | -- | | 1,490. | | -- | | 1,500. | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.97 | U | -- | | 0.97 | U | -- | | 1. | U | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.32 | U | -- | | 0.32 | U | -- | | 0.33 | U | -- | |
| SODIUM | N/A | -- | | 160. | B | -- | | 137. | B | -- | | 139. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | 1.1 | U | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | -- | | 21.6 | | -- | | 14.3 | | -- | | 15.8 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 51.9 | | -- | | 39. | | -- | | 44.9 | | -- | |
| **PCBs** | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.016 | U | -- | | 0.016 | U | -- | | 0.017 | U | -- | | 0.016 | U |
| AROCLOR 1254 | 0.49 | 0.004 | U | -- | | 0.004 | U | -- | | 0.005 | U | -- | | 0.004 | U |
| AROCLOR 1260 | 0.49 | 0.015 | U | -- | | 0.015 | U | -- | | 0.016 | U | -- | | 0.015 | U |
| AROCLOR-1016 | 0.49 | 0.015 | U | -- | | 0.015 | U | -- | | 0.016 | U | -- | | 0.015 | U |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | 0.011 | U | -- | | 0.011 | U | -- | | 0.011 | U |
| AROCLOR-1242 | 0.49 | 0.021 | U | -- | | 0.021 | U | -- | | 0.021 | U | -- | | 0.02 | U |
| AROCLOR-1248 | 0.49 | 0.011 | U | -- | | 0.011 | U | -- | | 0.012 | U | -- | | 0.011 | U |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-09 | | DC-10 | | DC-10 | | DC-11 | | DC-11 | | DC-12 | | DC-12 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507912 | | 507291 | | 507291 | | 507290 | | 507290 | | 507289 | | 507289 | |
| **Depth** | | 7.5 - 8 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 7.5 - 8 | | 7.5 - 8 | |
| **Sampling Date** | | 03/03/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 25.5 | | -- | | 31.9 | | -- | | 25. | U | -- | |
| **TAL Metals** | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 8,930. | | -- | | 9,580. | | -- | | 5,700. | | -- | | 6,520. | |
| ANTIMONY AS TOTAL | 14. | 1.3 | U | -- | | 1.4 | U | -- | | 1.4 | U | -- | | 1.4 | U |
| ARSENIC AS TOTAL | 20. | 1.7 | | -- | | 3.2 | | -- | | 0.75 | U | -- | | 16.6 | |
| BARIUM AS TOTAL | 700. | 170. | | -- | | 76.7 | | -- | | 73. | | -- | | 125. | |
| BERYLLIUM AS TOTAL | 2. | 0.97 | | -- | | 0.72 | | -- | | 0.61 | | -- | | 1.3 | |
| CADMIUM AS TOTAL | 39. | 0.23 | B | -- | | 0.096 | U | -- | | 0.094 | U | -- | | 0.095 | U |
| CALCIUM | N/A | 1,020. | B | -- | | 1,840. | | -- | | 611. | B | -- | | 1,750. | |
| CHROMIUM | 120,000. | 17.3 | | -- | | 20.4 | | -- | | 33. | | -- | | 15.9 | |
| COBALT | N/A | 13.9 | | -- | | 10. | B | -- | | 3.2 | B | -- | | 18.6 | |
| COPPER AS TOTAL | 600. | 2.7 | B | -- | | 13.3 | | -- | | 5.2 | B | -- | | 4.8 | B |
| IRON | N/A | 22,500. | | -- | | 26,600. | | -- | | 29,000. | | -- | | -- | |
| LEAD AS TOTAL | 400. | 12.6 | | -- | | 23.5 | | -- | | 8.2 | | -- | | 13.9 | |
| MAGNESIUM | N/A | 3,380. | | -- | | 2,060. | | -- | | 321. | B | -- | | 2,610. | |
| MANGANESE | N/A | 1,230. | | -- | | 529. | | -- | | 491. | | -- | | 421. | |
| MERCURY AS TOTAL | 14. | -- | | 0.05 | | -- | | 0.04 | B | -- | | 0.04 | B | -- | |
| NICKEL AS TOTAL | 250. | 16.3 | | -- | | 10.8 | | -- | | 7.7 | B | -- | | 15.9 | |
| POTASSIUM | N/A | 2,640. | | -- | | 1,180. | | -- | | 141. | B | -- | | 1,290. | |
| SELENIUM AS TOTAL | 63. | 0.96 | U | -- | | 1. | U | -- | | 0.99 | U | -- | | 1. | U |
| SILVER AS TOTAL | 110. | 0.32 | U | -- | | 0.34 | U | -- | | 0.33 | U | -- | | 0.33 | U |
| SODIUM | N/A | 226. | B | -- | | 121. | B | -- | | 93.2 | U | -- | | 94.3 | U |
| THALLIUM AS TOTAL | 2. | 1.1 | U | -- | | 1.1 | U | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | 13. | | -- | | 23.8 | | -- | | 36.5 | | -- | | 18.2 | |
| ZINC AS TOTAL | 1,500. | 65.9 | | -- | | 55.7 | | -- | | 7.2 | | -- | | 50.2 | |
| **PCBs** | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.017 | U | -- | | 0.016 | U | -- | | 0.017 | U | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.005 | U | -- | | 0.005 | U | -- | | 0.005 | U | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.016 | U | -- | | 0.015 | U | -- | | 0.016 | U | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.016 | U | -- | | 0.015 | U | -- | | 0.016 | U | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.011 | U | -- | | 0.011 | U | -- | | 0.011 | U | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.021 | U | -- | | 0.021 | U | -- | | 0.021 | U | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.012 | U | -- | | 0.012 | U | -- | | 0.012 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-12 | | DC-13 | | DC-13 | | DC-14 | | DC-14 | | DC-15 | | DC-15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507289 | | 507288 | | 507288 | | 507287 | | 507287 | | 507286 | | 507286 | |
| **Depth** | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | |
| **Sampling Date** | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 3.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 25. | U | -- | | 25. | U | -- | | 25. | U | -- | |
| **TAL Metals** | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 7,290. | | -- | | 7,410. | | -- | | 7,090. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.4 | U | -- | | 1.4 | U | -- | | 1.3 | U |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 1.2 | | -- | | 0.76 | U | -- | | 1.6 | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 235. | | -- | | 216. | | -- | | 377. | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 0.95 | | -- | | 1. | | -- | | 1.3 | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.094 | U | -- | | 0.095 | U | -- | | 0.093 | U |
| CALCIUM | N/A | -- | | -- | | 2,820. | | -- | | 2,530. | | -- | | 2,790. | |
| CHROMIUM | 120,000. | -- | | -- | | 21.4 | | -- | | 13.7 | | -- | | 18.4 | |
| COBALT | N/A | -- | | -- | | 8.9 | B | -- | | 41.9 | | -- | | 11.5 | |
| COPPER AS TOTAL | 600. | -- | | -- | | 2. | B | -- | | 12.1 | | -- | | 2.5 | B |
| IRON | N/A | 52,700. | | -- | | 29,600. | | -- | | 21,400. | | -- | | 34,200. | |
| LEAD AS TOTAL | 400. | -- | | -- | | 15.6 | | -- | | 13.8 | | -- | | 22.7 | |
| MAGNESIUM | N/A | -- | | -- | | 3,480. | | -- | | 4,020. | | -- | | 3,310. | |
| MANGANESE | N/A | -- | | -- | | 545. | | -- | | 970. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | B | -- | | 0.02 | B | -- | | 0.02 | B | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 17.5 | | -- | | 21.2 | | -- | | 33.8 | |
| POTASSIUM | N/A | -- | | -- | | 1,550. | | -- | | 2,010. | | -- | | 1,900. | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.99 | U | -- | | 0.99 | U | -- | | 0.97 | U |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.33 | U | -- | | 0.33 | U | -- | | 0.32 | U |
| SODIUM | N/A | -- | | -- | | 116. | B | -- | | 130. | B | -- | | 127. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1.1 | U | -- | | 1.1 | U | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | -- | | 14.9 | | -- | | 10.9 | B | -- | | 15.3 | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 46.9 | | -- | | 56.1 | | -- | | 55.4 | |
| **PCBs** | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.016 | U | -- | | 0.016 | U | -- | | 0.016 | U | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.005 | U | -- | | 0.005 | U | -- | | 0.004 | U | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.015 | U | -- | | 0.015 | U | -- | | 0.015 | U | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.015 | U | -- | | 0.015 | U | -- | | 0.015 | U | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.011 | U | -- | | 0.011 | U | -- | | 0.011 | U | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.021 | U | -- | | 0.021 | U | -- | | 0.021 | U | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.012 | U | -- | | 0.012 | U | -- | | 0.012 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 5**
**Soil Analytical Results Summary**
**On Slab Investigation - Die Cast Area**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | DC-15 | | DC-16 | | DC-16 | | DC-16 | |
|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507286 | | 507285 | | 507285 | | 507285 | |
| **Depth** | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | |
| **Sampling Date** | | 03/01/04 | | 03/01/04 | | 03/01/04 | | 03/01/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 5.0 | | 1.0 | | 2.0 | | 5.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 25. | U | -- | | -- | |
| **TAL Metals** | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 6,180. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.3 | U | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 1.7 | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | **925.** | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 1.3 | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.09 | U | -- | |
| CALCIUM | N/A | -- | | -- | | 2,420. | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 18.1 | | -- | |
| COBALT | N/A | -- | | -- | | 53.5 | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | 3.4 | B | -- | |
| IRON | N/A | -- | | -- | | 29,400. | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 23.8 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | 2,800. | | -- | |
| MANGANESE | N/A | 3,410. | | -- | | -- | | 4,840. | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 28.6 | | -- | |
| POTASSIUM | N/A | -- | | -- | | 1,800. | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 0.94 | U | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.31 | U | -- | |
| SODIUM | N/A | -- | | -- | | 134. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | -- | | -- | | 19.2 | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 55.7 | | -- | |
| **PCBs** | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.016 | U | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.004 | U | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.014 | U | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.014 | U | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.01 | U | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.02 | U | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.011 | U | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested
SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.
U Concentration is below the Reporting Limit as noted.
**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC
Detected above the SCC.
B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 6**
**Soil Analytical Results Summary**
**On Slab Investigation - Connecting Pipes, Deionization Room,**
**Scrap Metal Area, Solution Storage Room & Zinc Barrel Pit**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | CP-1 | | CP-1 | | CP-1 | | DI-1 | | DI-1 | | DI-1 | | DI-2 | | DI-2 | | DI-2 | | DI-3 | | DI-3 | | DI-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 507923 | | 507923 | | 507923 | | 507913 | | 507913 | | 507913 | | 507916 | | 507916 | | 507917 | | 507920 | | 507920 | | 507921 | |
| Depth | | 4.25 - 4.75 | | 4.25 - 4.75 | | 4.25 - 4.75 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 0.5 - 1 | | 0.5 - 1 | | 2 - 2.5 | | 0.5 - 1 | | 0.5 - 1 | | 2.5 - 3 | |
| Sampling Date | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 42.8 | | -- | | -- | | 38.8 | | -- | | -- | | 51.7 | | -- | | -- | | 28.9 | | -- | | -- | |
| **VOLATILE ORGANICCOMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.055 | U | -- | | -- | | 0.049 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.038 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.033 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.022 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.026 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.018 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.036 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.025 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.036 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.025 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.044 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.031 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.046 | U | -- | | -- | | 0.041 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.032 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.016 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.021 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.014 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.017 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.012 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.026 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.017 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.031 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.021 | U |
| 2-BUTANONE | 50. | -- | | -- | | 0.3 | U | -- | | -- | | 0.26 | U | -- | | -- | | 0.26 | U | -- | | -- | | 0.2 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.17 | U | -- | | -- | | 0.15 | U | -- | | -- | | 0.15 | U | -- | | -- | | 0.12 | U |
| ACETONE | 100. | -- | | -- | | 0.28 | U | -- | | -- | | 0.25 | U | -- | | -- | | 0.24 | U | -- | | -- | | 0.2 | U |
| BENZENE | 1. | -- | | -- | | 0.031 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.02 | U |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.008 | U |
| BROMOMETHANE | 1. | -- | | -- | | 0.048 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.042 | U | -- | | -- | | 0.034 | U |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.038 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.027 | U |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.058 | U | -- | | -- | | 0.052 | U | -- | | -- | | 0.05 | U | -- | | -- | | 0.041 | U |
| CFC-11 | N/A | -- | | -- | | 0.052 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.045 | U | -- | | -- | | 0.036 | U |
| CFC-12 | N/A | -- | | -- | | 0.059 | U | -- | | -- | | 0.053 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.041 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.049 | U | -- | | -- | | 0.044 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.034 | U |
| CHLOROBENZENE | 1. | -- | | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.009 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.026 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.018 | U |
| CHLOROETHANE | N/A | -- | | -- | | 0.07 | U | -- | | -- | | 0.062 | U | -- | | -- | | 0.06 | U | -- | | -- | | 0.048 | U |
| CHLOROFORM | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.018 | U |
| CHLOROMETHANE | 10. | -- | | -- | | 0.081 | U | -- | | -- | | 0.073 | U | -- | | -- | | 0.07 | U | -- | | -- | | 0.056 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.033 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.023 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.034 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.024 | U |
| CYCLOHEXANE | N/A | -- | | -- | | 0.059 | U | -- | | -- | | 0.053 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.041 | U |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.019 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.013 | U |
| ETHYLBENZENE | 100. | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.018 | U |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.039 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.027 | U |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.025 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.017 | U |
| METHYL ACETATE | N/A | -- | | -- | | 0.07 | U | -- | | -- | | 0.062 | U | -- | | -- | | 0.061 | U | -- | | -- | | 0.048 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.16 | U | -- | | -- | | 0.15 | U | -- | | -- | | 0.14 | U | -- | | -- | | 0.11 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.043 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.03 | U |
| METHYLBENZENE | 500. | -- | | -- | | 0.026 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.018 | U |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.053 | U | -- | | -- | | 0.047 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.037 | U |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.024 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.017 | U |
| TERT-BUTYL ALCOHOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.051 | U | -- | | -- | | 0.044 | U | -- | | -- | | 0.044 | U | -- | | -- | | 0.034 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.031 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.022 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.013 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.009 | U |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.036 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.024 | U |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.037 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.025 | U |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.057 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.049 | U | -- | | -- | | 0.04 | U |
| Xylene (Total) | 67. | -- | | -- | | 0.034 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.024 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 5,720. | | -- | | -- | | 8,570. | | -- | | -- | | 8,220. | | -- | | -- | | 7,730. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.4 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 0.77 | B | -- | | -- | | 11.2 | | -- | | -- | | 6.3 | | -- | | -- | | **31.5** | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 236. | | -- | | -- | | 88.6 | | -- | | -- | | 72.1 | | -- | | -- | | 90. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.69 | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.16 | B | -- | | -- | | 0.37 | B | -- | | -- | | 0.19 | B | -- | | -- | | 0.27 | B | -- | |
| CALCIUM | N/A | -- | | 897. | B | -- | | -- | | 1,820. | | -- | | -- | | 1,180. | B | -- | | -- | | 2,490. | | -- | |
| CHROMIUM | 120,000. | -- | | 21.6 | | -- | | -- | | 32.1 | | -- | | -- | | 16.1 | | -- | | -- | | 34.8 | | -- | |
| COBALT | N/A | -- | | 6.6 | B | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 13.8 | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 16,200. | | -- | | -- | | 14,600. | | -- | | -- | | 16,800. | | -- | | -- | | 23,300. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 4.9 | | -- | | -- | | 19.4 | | -- | | -- | | 36.9 | | -- | | -- | | 15.6 | | -- | |
| MAGNESIUM | N/A | -- | | 1,100. | B | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 885. | | -- | | -- | | 647. | | -- | | -- | | 200. | | -- | | -- | | 320. | | -- | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | -- | | 0.05 | | -- | | -- | | 0.02 | B | -- | | -- | | 0.04 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 9.8 | | -- | | -- | | **326.** | | -- | | -- | | 10.2 | | -- | | -- | | 12.3 | | -- | |
| POTASSIUM | N/A | -- | | 221. | B | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.99 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.33 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 269. | B | -- | | -- | | 96.3 | B | -- | | -- | | 139. | B | -- | | -- | | 1,290. | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | 21.2 | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 16.8 | | -- | | -- | | 135. | | -- | | -- | | 60. | | -- | | -- | | 51. | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | 0.005 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit . but greater than or equal to the Instrument Detection Limit |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 6**
**Soil Analytical Results Summary**
**On Slab Investigation - Connecting Pipes, Deionization Room,**
**Scrap Metal Area, Solution Storage Room & Zinc Barrel Pit**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | DI-4 | | DI-4 | | DI-4 | | DI-4 | | H-1 | | H-1 | | H-1 | | SM-1 | | SM-1 | | SM-1 | | SM-2 | | SM-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 507918 | | 507918 | | 507918 | | 507919 | | 509956 | | 509956 | | 509956 | | 507907 | | 507907 | | 507907 | | 507908 | | 507908 | |
| Depth | | 0.5 - 1 | | 0.5 - 1 | | 0.5 - 1 | | 2.5 - 3 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 7.5 - 8 | | 7.5 - 8 | |
| Sampling Date | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 10.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 31.1 | | -- | | -- | | -- | | 53.1 | | -- | | -- | | 36.6 | | -- | | -- | | 86.8 | | -- | |
| **VOLATILE ORGANICCOMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.051 | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | 0.028 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | 0.038 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.041 | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | 0.039 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.042 | U | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | 0.018 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.019 | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.028 | U | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | 0.25 | U | -- | | -- | | 0.24 | U | -- | | -- | | 0.27 | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | 0.14 | U | -- | | -- | | 0.14 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | 0.24 | U | -- | | -- | | 0.23 | U | -- | | -- | | 0.26 | U | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | 0.027 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.029 | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.01 | U | -- | | -- | | 0.009 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | 0.041 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.044 | U | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | 0.05 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.054 | U | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | 0.044 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.048 | U | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | 0.051 | U | -- | | -- | | 0.049 | U | -- | | -- | | 0.055 | U | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | 0.042 | U | -- | | -- | | 0.041 | U | -- | | -- | | 0.045 | U | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | 0.01 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | 0.06 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.064 | U | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | 0.069 | U | -- | | -- | | 0.067 | U | -- | | -- | | 0.075 | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | 0.028 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | 0.05 | U | -- | | -- | | 0.049 | U | -- | | -- | | 0.054 | U | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.017 | U | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | 0.034 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.036 | U | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | 0.06 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.064 | U | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | 0.14 | U | -- | | -- | | 0.14 | U | -- | | -- | | 0.15 | U | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | 0.037 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.04 | U | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | 0.045 | U | -- | | -- | | 0.044 | U | -- | | -- | | 0.049 | U | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| TERT-BUTYL ALCOHOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | 0.044 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.047 | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.028 | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | 0.17 | | -- | | -- | | 0.03 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | 0.049 | U | -- | | -- | | 0.047 | U | -- | | -- | | 0.052 | U | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0.17 | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0.17 | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 17,000. | | -- | | -- | | -- | | 5,040. | | -- | | -- | | 3,230. | | -- | | -- | | 2,660. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | 1.3 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 2.1 | | -- | | -- | | -- | | 1.6 | | -- | | -- | | 0.74 | U | -- | | -- | | 1.2 | |
| BARIUM AS TOTAL | 700. | -- | | 154. | | -- | | -- | | -- | | 139. | | -- | | -- | | 35.3 | B | -- | | -- | | 20.6 | B |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | 0.64 | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.71 | B | -- | | -- | | -- | | 0.17 | B | -- | | -- | | 0.24 | B | -- | | -- | | 0.16 | B |
| CALCIUM | N/A | -- | | 4,530. | | -- | | -- | | -- | | 6,010. | | -- | | -- | | 737. | B | -- | | -- | | 3,020. | |
| CHROMIUM | 120,000. | -- | | 634. | | -- | | -- | | -- | | 46.1 | | -- | | -- | | 13.6 | | -- | | -- | | 18.7 | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | 3.4 | B | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | **847.** | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 29,300. | | -- | | -- | | -- | | 14,200. | | -- | | -- | | 13,000. | | -- | | -- | | 8,580. | |
| LEAD AS TOTAL | 400. | -- | | 116. | | -- | | -- | | -- | | 50. | | -- | | -- | | 5.2 | | -- | | -- | | 6. | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | 1,180. | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 370. | | -- | | -- | | -- | | 620. | | -- | | -- | | 63.3 | | -- | | -- | | 217. | |
| MERCURY AS TOTAL | 14. | 0.04 | B | -- | | -- | | -- | | 0.016 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | **1,860.** | | -- | | -- | | 8.4 | | -- | | -- | | 6.7 | B | -- | | -- | | 11. | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | 293. | B | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | 0.91 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | 0.3 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 1,960. | | -- | | -- | | -- | | 168. | B | -- | | -- | | 102. | B | -- | | -- | | 95.7 | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | 1. | U | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | 16.7 | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | **4,840.** | | -- | | -- | | 661. | | -- | | -- | | 20.4 | | -- | | -- | | 41.7 | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit . but greater than or equal to the Instrument Detection Limit |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 6**
**Soil Analytical Results Summary**
**On Slab Investigation - Connecting Pipes, Deionization Room,**
**Scrap Metal Area, Solution Storage Room & Zinc Barrel Pit**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | SM-2 | | SR-1 | | SR-1 | | SR-2 | | ZB-1 | | ZB-1 | | ZB-1 | | ZB-1 | | ZB-1 | | ZB-2 | | ZB-2 | | ZB-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 507908 | | 507925 | | 507925 | | 508145 | | 508129 | | 508129 | | 508129 | | 508129 | | 508129 | | 507935 | | 507935 | | 509973 | |
| Depth | | 7.5 - 8 | | 0.5 - 1 | | 0.5 - 1 | | 8.5 - 9 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 2.5 - 3 | |
| Sampling Date | | 03/03/04 | | 03/04/04 | | 03/04/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/04/04 | | 03/04/04 | | 03/11/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 5.0 | | 10.0 | | 25.0 | | 1.0 | | 2.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **26,500.** | | 921. | | -- | | 95.9 | |
| **VOLATILE ORGANICCOMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.04 | U | -- | | -- | | 0.059 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.024 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.019 | U | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.027 | U | -- | | -- | | 0.039 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.026 | U | -- | | -- | | 0.038 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.032 | U | -- | | -- | | 0.047 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.034 | U | -- | | -- | | 0.049 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.017 | U | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.015 | U | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.012 | U | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.019 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.022 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | 0.22 | U | -- | | -- | | 0.32 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.12 | U | -- | | -- | | 0.18 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | 0.21 | U | -- | | -- | | 0.3 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | 0.022 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | 0.008 | U | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | 0.036 | U | -- | | -- | | 0.052 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | 0.028 | U | -- | | -- | | 0.041 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | 0.042 | U | -- | | -- | | 0.062 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | 0.038 | U | -- | | -- | | 0.056 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | 0.044 | U | -- | | -- | | 0.063 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.036 | U | -- | | -- | | 0.052 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | 0.009 | U | -- | | -- | | 0.013 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.019 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | 0.051 | U | -- | | -- | | 0.074 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | 0.018 | U | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | 0.06 | U | -- | | -- | | 0.087 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.024 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.025 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | 0.043 | U | -- | | -- | | 0.063 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | 0.014 | U | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | 0.019 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | 0.029 | U | -- | | -- | | 0.042 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | 0.018 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | 0.051 | U | -- | | -- | | 0.075 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.12 | U | -- | | -- | | 0.17 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.032 | U | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | 0.019 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | 0.039 | U | -- | | -- | | 0.056 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | 0.018 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TERT-BUTYL ALCOHOL | N/A | -- | | -- | | -- | | 1.8 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | 0.037 | U | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.023 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.01 | U | -- | | -- | | 0.014 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | 0.026 | U | -- | | -- | | 0.038 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | 0.027 | U | -- | | -- | | 0.04 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | 0.042 | U | -- | | -- | | 0.061 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | 0.025 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 9,280. | | -- | | -- | | 7,730. | | -- | | -- | | -- | | 6,170. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.4 | U | -- | | -- | | 1.4 | U | -- | | -- | | -- | | 0.92 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 5.5 | | -- | | -- | | 2.1 | | -- | | -- | | -- | | 1.1 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 80.5 | | -- | | -- | | 166. | | -- | | -- | | -- | | 181. | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 0.56 | | -- | | -- | | 0.9 | | -- | | -- | | -- | | **2.2** | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.19 | B | -- | | -- | | 0.5 | B | -- | | -- | | -- | | 0.094 | U | -- | | -- | |
| CALCIUM | N/A | -- | | -- | | 3,050. | | -- | | -- | | 4,370. | | -- | | -- | | -- | | 3,690. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 5,900. | | -- | | -- | | 29.5 | | -- | | -- | | -- | | 68. | | -- | | -- | |
| COBALT | N/A | -- | | -- | | 8.7 | B | -- | | -- | | 61.2 | | -- | | -- | | -- | | 13.5 | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | 48.3 | | -- | | -- | | 5.5 | B | -- | | -- | | -- | | 10. | | -- | | -- | |
| IRON | N/A | -- | | -- | | 21,800. | | -- | | -- | | 18,000. | | -- | | -- | | -- | | 23,300. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 15.5 | | -- | | -- | | 65.8 | | -- | | -- | | -- | | 54.1 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | 1,560. | | -- | | -- | | 2,240. | | -- | | -- | | -- | | 2,780. | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 371. | | -- | | -- | | 473. | | -- | | -- | | -- | | 743. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | | 0.017 | U | -- | | 0.019 | U |
| NICKEL AS TOTAL | 250. | -- | | -- | | 111. | | -- | | -- | | 7.6 | B | -- | | -- | | -- | | 17. | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | 627. | B | -- | | -- | | 1,070. | B | -- | | -- | | -- | | 2,630. | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 1. | U | -- | | -- | | 1. | U | -- | | -- | | -- | | 1.1 | B | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.34 | U | -- | | -- | | 0.34 | U | -- | | -- | | -- | | 0.16 | U | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 95.1 | U | -- | | -- | | 480. | B | -- | | -- | | -- | | 2,040. | | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1.1 | U | -- | | -- | | 1.1 | U | -- | | -- | | -- | | 1. | U | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | 23.8 | | -- | | -- | | 13.1 | | -- | | -- | | -- | | 10.4 | B | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 312. | | -- | | -- | | -- | | **6,290.** | | -- | | -- | | **4,190.** | | -- | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | 2. | U | -- | | -- | | -- | | 4.4 | | -- | | 2. | U | | |
| **TOTAL CYANIDE** | 1,100. | -- | | 0.5 | U | -- | | -- | | -- | | -- | | -- | | 160. | | -- | | 5.6 | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | 0.017 | U | -- | | -- | | -- | | -- | | 0.016 | U | -- | | 0.016 | U |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | 0.005 | U | -- | | -- | | -- | | -- | | 0.005 | U | -- | | 0.004 | U |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | 0.015 | U | -- | | 0.015 | U |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | 0.015 | U | -- | | 0.015 | U |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | 0.011 | U | -- | | 0.011 | U |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | | 0.021 | U | -- | | 0.02 | U |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | 0.012 | U | -- | | 0.011 | U |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit . but greater than or equal to the Instrument Detection Limit |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 6**
**Soil Analytical Results Summary**
**On Slab Investigation - Connecting Pipes, Deionization Room,**
**Scrap Metal Area, Solution Storage Room & Zinc Barrel Pit**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | ZB-3 | | ZB-4 | | ZB-4 | | ZB-5 | | ZB-5 | | ZB-5 | | ZB-5 | | ZB-5 | | ZB-5 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 509973 | | 507936 | | 507936 | | 508131 | | 508131 | | 508131 | | 508132 | | 508132 | | 508132 | |
| Depth | | 2.5 - 3 | | 2.75 - 3 | | 2.75 - 3 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | |
| Sampling Date | | 03/11/04 | | 03/04/04 | | 03/04/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 10.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 10.0 | | 1.0 | | 2.0 | | 5.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 236. | | -- | | 568. | | -- | | -- | | 481. | | -- | | -- | |
| **VOLATILE ORGANICCOMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TERT-BUTYL ALCOHOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 3,990. | | -- | | 6,960. | | -- | | 3,510. | | -- | | -- | | 3,860. | | -- | |
| ANTIMONY AS TOTAL | 14. | 0.88 | U | -- | | 0.99 | U | -- | | 1.3 | B | -- | | -- | | 1.3 | U | -- | |
| ARSENIC AS TOTAL | 20. | 0.81 | B | -- | | 0.86 | U | -- | | 1.4 | | -- | | -- | | 1.1 | | -- | |
| BARIUM AS TOTAL | 700. | 503. | | -- | | 77.3 | | -- | | 98.9 | | -- | | -- | | 88. | | -- | |
| BERYLLIUM AS TOTAL | 2. | 1.5 | | -- | | 0.87 | | -- | | 0.75 | | -- | | -- | | 0.77 | | -- | |
| CADMIUM AS TOTAL | 39. | 0.09 | U | -- | | 0.15 | B | -- | | 0.79 | B | -- | | -- | | 1.1 | | -- | |
| CALCIUM | N/A | 1,090. | B | -- | | 5,910. | | -- | | 1,650. | | -- | | -- | | 1,410. | | -- | |
| CHROMIUM | 120,000. | 17.8 | | -- | | 32.7 | | -- | | 45.7 | | -- | | -- | | 58.8 | | -- | |
| COBALT | N/A | 2.3 | B | -- | | 124. | | -- | | 7.7 | B | -- | | -- | | 6.2 | B | -- | |
| COPPER AS TOTAL | 600. | 5.4 | B | -- | | 13.3 | | -- | | 579. | | -- | | -- | | 20.4 | | -- | |
| IRON | N/A | 14,400. | | -- | | 15,800. | | -- | | 22,000. | | -- | | -- | | 22,900. | | -- | |
| LEAD AS TOTAL | 400. | 4.3 | | -- | | 21.9 | | -- | | 136. | | -- | | -- | | 100. | | -- | |
| MAGNESIUM | N/A | 750. | B | -- | | 1,820. | | -- | | 921. | B | -- | | -- | | 940. | B | -- | |
| MANGANESE | N/A | 1,730. | | -- | | 301. | | -- | | 134. | | -- | | -- | | 124. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.06 | | -- | | 0.08 | | -- | | -- | | 0.08 | | -- | | -- | |
| NICKEL AS TOTAL | 250. | 4.1 | B | -- | | 10.8 | | -- | | 27.8 | | -- | | -- | | 18.8 | | -- | |
| POTASSIUM | N/A | 125. | B | -- | | 854. | B | -- | | 247. | B | -- | | -- | | 361. | B | -- | |
| SELENIUM AS TOTAL | 63. | 0.88 | U | -- | | 1.1 | B | -- | | 0.91 | U | -- | | -- | | 0.93 | U | -- | |
| SILVER AS TOTAL | 110. | 0.16 | U | -- | | 0.18 | U | -- | | 0.3 | U | -- | | -- | | 0.31 | U | -- | |
| SODIUM | N/A | 104. | B | -- | | 438. | B | -- | | 228. | B | -- | | -- | | 260. | B | -- | |
| THALLIUM AS TOTAL | 2. | 1. | U | -- | | 1.1 | U | -- | | 1. | U | -- | | -- | | 1. | U | -- | |
| VANADIUM | 370. | 25.9 | | -- | | 17.2 | | -- | | 18. | | -- | | -- | | 18.5 | | -- | |
| ZINC AS TOTAL | 1,500. | **2,740.** | | -- | | **4,560.** | | -- | | **1,790.** | | -- | | -- | | **2,210.** | | -- | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | 3.7 | | -- | | 2. | U | -- | | -- | | 2. | U | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 209. | | 0.5 | U | -- | | -- | | -- | | 150. | | -- | | -- | | 40.6 | |
| **PCBs** | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.018 | U | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.005 | U | -- | | 0.004 | U | -- | | -- | | 0.004 | U | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.016 | U | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.016 | U | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.012 | U | -- | | 0.01 | U | -- | | -- | | 0.01 | U | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.023 | U | -- | | 0.019 | U | -- | | -- | | 0.02 | U | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.013 | U | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit . but greater than or equal to the Instrument Detection Limit |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 103-1 | | 103-1 | | 103-1 | | 106-1 | | 106-1 | | 106-1 | | 106-2 | | 106-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509965 | | 509965 | | 509965 | | 509948 | | 509948 | | 509948 | | 512935 | | 509949 | |
| **Depth** | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | |
| **Sampling Date** | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/19/04 | | 03/10/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 50.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 28.8 | | -- | | -- | | 46.2 | | -- | | -- | | -- | | 128. | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.049 | U | -- | | -- | | 0.059 | U | 0.24 | J | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.028 | U | -- | | -- | | 0.035 | U | 0.035 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.023 | U | -- | | -- | | 0.027 | U | 0.027 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.032 | U | -- | | -- | | 0.039 | U | 0.04 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.031 | U | -- | | -- | | 0.038 | U | 0.038 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.039 | U | -- | | -- | | 0.047 | U | 0.048 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.04 | U | -- | | -- | | 0.049 | U | 0.05 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.02 | U | -- | | -- | | 0.025 | U | 0.025 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.018 | U | -- | | -- | | 0.022 | U | 0.022 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.015 | U | -- | | -- | | 0.018 | U | 0.018 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.023 | U | -- | | -- | | 0.028 | U | 0.028 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.027 | U | -- | | -- | | 0.033 | U | 0.033 | U | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.26 | U | -- | | -- | | 0.32 | U | 0.32 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.15 | U | -- | | -- | | 0.18 | U | 0.18 | U | -- | |
| ACETONE | 100. | -- | | -- | | 0.25 | U | -- | | -- | | 0.3 | U | 0.31 | U | -- | |
| BENZENE | 1. | -- | | -- | | 0.027 | U | -- | | -- | | 0.033 | U | 0.033 | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.01 | U | -- | | -- | | 0.012 | U | 0.012 | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.043 | U | -- | | -- | | 0.052 | U | 0.052 | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.034 | U | -- | | -- | | 0.041 | U | 0.042 | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.05 | U | -- | | -- | | 0.062 | U | 0.062 | U | -- | |
| CFC-11 | N/A | -- | | -- | | 0.046 | U | -- | | -- | | 0.056 | U | 0.056 | U | -- | |
| CFC-12 | N/A | -- | | -- | | 0.052 | U | -- | | -- | | 0.063 | U | 0.064 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.043 | U | -- | | -- | | 0.052 | U | 0.053 | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.013 | U | 0.013 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.023 | U | -- | | -- | | 0.028 | U | 0.028 | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.061 | U | -- | | -- | | 0.074 | U | 0.075 | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.022 | U | -- | | -- | | 0.027 | U | 0.027 | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.072 | U | -- | | -- | | 0.087 | U | 0.088 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.029 | U | -- | | -- | | 0.035 | U | 0.036 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.03 | U | -- | | -- | | 0.037 | U | 0.037 | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.052 | U | -- | | -- | | 0.063 | U | 0.064 | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.017 | U | -- | | -- | | 0.02 | U | 0.02 | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.023 | U | -- | | -- | | 0.028 | U | 0.028 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.034 | U | -- | | -- | | 0.042 | U | 0.042 | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.022 | U | -- | | -- | | 0.026 | U | 0.027 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.062 | U | -- | | -- | | 0.075 | U | 0.076 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.14 | U | -- | | -- | | 0.17 | U | 0.18 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.038 | U | -- | | -- | | 0.046 | U | 0.046 | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.023 | U | -- | | -- | | 0.028 | U | 0.028 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.046 | U | -- | | -- | | 0.056 | U | 0.057 | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.021 | U | -- | | -- | | 0.026 | U | 0.026 | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.044 | U | -- | | -- | | 0.054 | U | 0.054 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.027 | U | -- | | -- | | 0.033 | U | 0.034 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.012 | U | -- | | -- | | 0.014 | U | 0.014 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.038 | U | 0.039 | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.77 | | 0.2 | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.05 | U | -- | | -- | | 0.061 | U | 0.062 | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.03 | U | -- | | -- | | 0.037 | U | 0.037 | U | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.77 | | 0.44 | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.77 | | 0.44 | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 9,110. | | -- | | -- | | 6,130. | | -- | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 3. | | -- | | -- | | 0.83 | B | -- | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 381. | | -- | | -- | | 20.7 | B | -- | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.097 | U | -- | | -- | | 0.19 | B | -- | | -- | | -- | |
| CALCIUM | N/A | -- | | 4,680. | | -- | | -- | | 1,380. | | -- | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 25.2 | | -- | | -- | | 468. | | -- | | -- | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 28,900. | | -- | | -- | | 10,700. | | -- | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 17.9 | | -- | | -- | | 7.1 | | -- | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 1,880. | | -- | | -- | | 188. | | -- | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | | -- | | 0.04 | B |
| NICKEL AS TOTAL | 250. | -- | | 16.9 | | -- | | -- | | 5. | B | -- | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 232. | B | -- | | -- | | 101. | B | -- | | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 40.3 | | -- | | -- | | 22.8 | | -- | | -- | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 106-2 | | 107-1 | | 107-1 | 107-1 | | 107-2 | | 107-2 | 107-2 | | 107-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509949 | | 509953 | | 509953 | 509953 | | 509952 | | 509952 | 509952 | | 509950 |
| **Depth** | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | 2 - 2.5 | | 2 - 2.5 |
| **Sampling Date** | | 03/10/04 | | 03/10/04 | | 03/10/04 | 03/10/04 | | 03/10/04 | | 03/10/04 | 03/10/04 | | 03/10/04 |
| **Matrix** | SCC | Soil | | Soil | | Soil | Soil | | Soil | | Soil | Soil | | Soil |
| **Dilution Factor** | | 2.0 | | 1.0 | | 2.0 | 50.0 | | 1.0 | | 2.0 | 50.0 | | 1.0 |
| **Units** | | mg/kg | | mg/kg | | mg/kg | mg/kg | | mg/kg | | mg/kg | mg/kg | | mg/kg |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 25. | U | -- | -- | | 25. | U | -- | -- | | 32.2 |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | 0.059 | U | -- | | -- | 0.049 | U | -- |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | 0.035 | U | -- | | -- | 0.028 | U | -- |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | 0.027 | U | -- | | -- | 0.023 | U | -- |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | 0.039 | U | -- | | -- | 0.033 | U | -- |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | 0.038 | U | -- | | -- | 0.032 | U | -- |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | 0.047 | U | -- | | -- | 0.04 | U | -- |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | 0.049 | U | -- | | -- | 0.041 | U | -- |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | 0.025 | U | -- | | -- | 0.021 | U | -- |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | 0.022 | U | -- | | -- | 0.018 | U | -- |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | 0.018 | U | -- | | -- | 0.015 | U | -- |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | 0.028 | U | -- | | -- | 0.023 | U | -- |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | 0.033 | U | -- | | -- | 0.027 | U | -- |
| 2-BUTANONE | 50. | -- | | -- | | -- | 0.32 | U | -- | | -- | 0.26 | U | -- |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | 0.18 | U | -- | | -- | 0.15 | U | -- |
| ACETONE | 100. | -- | | -- | | -- | 0.3 | U | -- | | -- | 0.25 | U | -- |
| BENZENE | 1. | -- | | -- | | -- | 0.033 | U | -- | | -- | 0.027 | U | -- |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | 0.012 | U | -- | | -- | 0.01 | U | -- |
| BROMOMETHANE | 1. | -- | | -- | | -- | 0.052 | U | -- | | -- | 0.043 | U | -- |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | 0.041 | U | -- | | -- | 0.034 | U | -- |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | 0.062 | U | -- | | -- | 0.052 | U | -- |
| CFC-11 | N/A | -- | | -- | | -- | 0.056 | U | -- | | -- | 0.046 | U | -- |
| CFC-12 | N/A | -- | | -- | | -- | 0.063 | U | -- | | -- | 0.053 | U | -- |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | 0.052 | U | -- | | -- | 0.044 | U | -- |
| CHLOROBENZENE | 1. | -- | | -- | | -- | 0.013 | U | -- | | -- | 0.011 | U | -- |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | 0.028 | U | -- | | -- | 0.023 | U | -- |
| CHLOROETHANE | N/A | -- | | -- | | -- | 0.074 | U | -- | | -- | 0.062 | U | -- |
| CHLOROFORM | 1. | -- | | -- | | -- | 0.027 | U | -- | | -- | 0.023 | U | -- |
| CHLOROMETHANE | 10. | -- | | -- | | -- | 0.087 | U | -- | | -- | 0.073 | U | -- |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | 0.035 | U | -- | | -- | 0.029 | U | -- |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | 0.037 | U | -- | | -- | 0.031 | U | -- |
| CYCLOHEXANE | N/A | -- | | -- | | -- | 0.063 | U | -- | | -- | 0.053 | U | -- |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | 0.02 | U | -- | | -- | 0.017 | U | -- |
| ETHYLBENZENE | 100. | -- | | -- | | -- | 0.028 | U | -- | | -- | 0.024 | U | -- |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | 0.042 | U | -- | | -- | 0.035 | U | -- |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | 0.026 | U | -- | | -- | 0.022 | U | -- |
| METHYL ACETATE | N/A | -- | | -- | | -- | 0.075 | U | -- | | -- | 0.062 | U | -- |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | 0.17 | U | -- | | -- | 0.15 | U | -- |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | 0.046 | U | -- | | -- | 0.038 | U | -- |
| METHYLBENZENE | 500. | -- | | -- | | -- | 0.028 | U | -- | | -- | 0.023 | U | -- |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | 0.056 | U | -- | | -- | 0.047 | U | -- |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | 0.026 | U | -- | | -- | 0.022 | U | -- |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | 0.054 | U | -- | | -- | 0.044 | U | -- |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | 0.033 | U | -- | | -- | 0.028 | U | -- |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | 0.014 | U | -- | | -- | 0.012 | U | -- |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | 0.038 | U | -- | | -- | 0.032 | U | -- |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | 0.04 | U | -- | | -- | 0.032 | U | -- |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | 0.061 | U | -- | | -- | 0.051 | U | -- |
| Xylene (Total) | 67. | -- | | -- | | -- | 0.037 | U | -- | | -- | 0.031 | U | -- |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | 0. | | 0. | | 0. | 0. | | 0. |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | 0. | | 0. | | 0. | 0. | | 0. |
| **TAL Metals** | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 9,830. | | -- | | 8,470. | -- | | -- | | 10,200. | -- | | -- |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| ARSENIC AS TOTAL | 20. | 2.7 | | -- | | 1. | -- | B | -- | | 0.72 | -- | U | -- |
| BARIUM AS TOTAL | 700. | 196. | | -- | | 106. | -- | | -- | | 57. | -- | | -- |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| CADMIUM AS TOTAL | 39. | 0.24 | B | -- | | 0.087 | -- | U | -- | | 0.09 | -- | U | -- |
| CALCIUM | N/A | 10,300. | | -- | | 2,700. | -- | | -- | | 1,250. | -- | | -- |
| CHROMIUM | 120,000. | 475. | | -- | | 25.2 | -- | | -- | | 27.6 | -- | | -- |
| COBALT | N/A | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| IRON | N/A | 20,500. | | -- | | 26,200. | -- | | -- | | 31,300. | -- | | -- |
| LEAD AS TOTAL | 400. | 59.8 | | -- | | 15.2 | -- | | -- | | 16.6 | -- | | -- |
| MAGNESIUM | N/A | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| MANGANESE | N/A | 429. | | -- | | 535. | -- | | -- | | 94.6 | -- | | -- |
| MERCURY AS TOTAL | 14. | -- | | 0.018 | U | -- | -- | | 0.019 | U | -- | -- | | 0.02 |
| NICKEL AS TOTAL | 250. | 23.4 | | -- | | 16.5 | -- | | -- | | 21.5 | -- | | -- |
| POTASSIUM | N/A | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| SODIUM | N/A | 190. | B | -- | | 343. | -- | B | -- | | 269. | -- | B | -- |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| VANADIUM | 370. | -- | | -- | | -- | -- | | -- | | -- | -- | | -- |
| ZINC AS TOTAL | 1,500. | 109. | | -- | | 34.1 | -- | | -- | | 31.7 | -- | | -- |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 107-3 | | 107-3 | | 107-4 | | 107-4 | | 107-4 | | 108-1 | | 108-1 | | 108-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509950 | | 509950 | | 509951 | | 509951 | | 509951 | | 509971 | | 509971 | | 509971 | |
| **Depth** | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 6 - 6.5 | | 6 - 6.5 | | 6 - 6.5 | |
| **Sampling Date** | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 10.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 25. | U | -- | | -- | | 113. | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | 0.056 | U | -- | | -- | | 0.056 | U | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | 0.033 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | 0.037 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | 0.045 | U | -- | | -- | | 0.045 | U | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | 0.046 | U | -- | | -- | | 0.046 | U | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | 0.021 | U | -- | | -- | | 0.021 | U | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | 0.017 | U | -- | | -- | | 0.017 | U | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | 0.3 | U | -- | | -- | | 0.3 | U | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | 0.17 | U | -- | | -- | | 0.17 | U | -- | | -- | | -- | |
| ACETONE | 100. | -- | | 0.29 | U | -- | | -- | | 0.29 | U | -- | | -- | | -- | |
| BENZENE | 1. | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | 0.049 | U | -- | | -- | | 0.049 | U | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | 0.039 | U | -- | | -- | | 0.039 | U | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | 0.058 | U | -- | | -- | | 0.058 | U | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | 0.053 | U | -- | | -- | | 0.053 | U | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | 0.06 | U | -- | | -- | | 0.06 | U | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | 0.05 | U | -- | | -- | | 0.05 | U | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | 0.071 | U | -- | | -- | | 0.071 | U | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | 0.082 | U | -- | | -- | | 0.082 | U | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | 0.033 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | 0.06 | U | -- | | -- | | 0.06 | U | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | 0.027 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | 0.04 | U | -- | | -- | | 0.04 | U | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | 0.071 | U | -- | | -- | | 0.071 | U | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | 0.044 | U | -- | | -- | | 0.044 | U | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | 0.054 | U | -- | | -- | | 0.054 | U | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | 0.051 | U | -- | | -- | | 0.051 | U | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | 0.037 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | 0.058 | U | -- | | -- | | 0.058 | U | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 11,800. | | -- | | -- | | 8,980. | | -- | | -- | | 9,150. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | 4.4 | | -- | | -- | | 0.76 | U | -- | | -- | | 1.4 | | -- | |
| BARIUM AS TOTAL | 700. | 73.2 | | -- | | -- | | 211. | | -- | | -- | | **1,770.** | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | 0.1 | U | -- | | -- | | 0.095 | U | -- | | -- | | 0.094 | U | -- | |
| CALCIUM | N/A | 7,800. | | -- | | -- | | 584. | B | -- | | -- | | 1,260. | | -- | |
| CHROMIUM | 120,000. | 24.8 | | -- | | -- | | 28.6 | | -- | | -- | | 22.6 | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | 25,600. | | -- | | -- | | 29,900. | | -- | | -- | | 28,900. | | -- | |
| LEAD AS TOTAL | 400. | 23.8 | | -- | | -- | | 17.8 | | -- | | -- | | 22.3 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | 470. | | -- | | -- | | 726. | | -- | | -- | | -- | | 6,100. | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | |
| NICKEL AS TOTAL | 250. | 13.2 | | -- | | -- | | 20.1 | | -- | | -- | | 22.9 | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | 159. | B | -- | | -- | | 421. | B | -- | | -- | | 247. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | 47.7 | | -- | | -- | | 31.4 | | -- | | -- | | 39.5 | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 108-1 | | 109-1 | | 109-1 | | 109-1 | | 110-1 | | 110-1 | | 110-1 | | 111-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509971 | | 509972 | | 509972 | | 509972 | | 510558 | | 510558 | | 510558 | | 510557 | |
| **Depth** | | 6 - 6.5 | | 7.25 - 7.75 | | 7.25 - 7.75 | | 7.25 - 7.75 | | 6 - 6.5 | | 6 - 6.5 | | 6 - 6.5 | | 7 - 7.5 | |
| **Sampling Date** | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 114. | | -- | | -- | | 25. | U | -- | | -- | | 25. | U |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.062 | U | -- | | -- | | 0.06 | U | -- | | -- | | 0.055 | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.037 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.033 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.028 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.025 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.041 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.036 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.04 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.036 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.05 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.044 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.051 | U | -- | | -- | | 0.05 | U | -- | | -- | | 0.045 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.023 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.02 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.019 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.017 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.03 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.026 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.034 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | |
| 2-BUTANONE | 50. | 0.33 | U | -- | | -- | | 0.32 | U | -- | | -- | | 0.29 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.19 | U | -- | | -- | | 0.18 | U | -- | | -- | | 0.17 | U | -- | |
| ACETONE | 100. | 0.32 | U | -- | | -- | | 0.31 | U | -- | | -- | | 0.28 | U | -- | |
| BENZENE | 1. | 0.035 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.031 | U | -- | |
| BROMODICHLOROMETHANE | 1. | 0.013 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | |
| BROMOMETHANE | 1. | 0.054 | U | -- | | -- | | 0.052 | U | -- | | -- | | 0.048 | U | -- | |
| CARBON DISULFIDE | N/A | 0.043 | U | -- | | -- | | 0.042 | U | -- | | -- | | 0.038 | U | -- | |
| CARBON TETRACHLORIDE | 1. | 0.064 | U | -- | | -- | | 0.062 | U | -- | | -- | | 0.058 | U | -- | |
| CFC-11 | N/A | 0.058 | U | -- | | -- | | 0.056 | U | -- | | -- | | 0.051 | U | -- | |
| CFC-12 | N/A | 0.066 | U | -- | | -- | | 0.064 | U | -- | | -- | | 0.059 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.055 | U | -- | | -- | | 0.053 | U | -- | | -- | | 0.048 | U | -- | |
| CHLOROBENZENE | 1. | 0.014 | U | -- | | -- | | 0.013 | U | -- | | -- | | 0.012 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.029 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.026 | U | -- | |
| CHLOROETHANE | N/A | 0.078 | U | -- | | -- | | 0.075 | U | -- | | -- | | 0.069 | U | -- | |
| CHLOROFORM | 1. | 0.028 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.025 | U | -- | |
| CHLOROMETHANE | 10. | 0.091 | U | -- | | -- | | 0.088 | U | -- | | -- | | 0.08 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.037 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.032 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.038 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.034 | U | -- | |
| CYCLOHEXANE | N/A | 0.066 | U | -- | | -- | | 0.064 | U | -- | | -- | | 0.058 | U | -- | |
| DICHLOROMETHANE | 1. | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.019 | U | -- | |
| ETHYLBENZENE | 100. | 0.029 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.026 | U | -- | |
| ISOPROPYLBENZENE | N/A | 0.044 | U | -- | | -- | | 0.042 | U | -- | | -- | | 0.039 | U | -- | |
| M-DICHLOROBENZENE | 100. | 0.028 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.024 | U | -- | |
| METHYL ACETATE | N/A | 0.078 | U | -- | | -- | | 0.076 | U | -- | | -- | | 0.069 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.18 | U | -- | | -- | | 0.18 | U | -- | | -- | | 0.16 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.048 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.042 | U | -- | |
| METHYLBENZENE | 500. | 0.029 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | |
| METHYLCYLOHEXANE | N/A | 0.059 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.052 | U | -- | |
| STYRENE (MONOMER) | 23. | 0.027 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | |
| TETRACHLOROETHENE | 1. | 0.057 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.051 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.035 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.031 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.013 | U | -- | |
| TRIBOMOMETHANE | 1. | 0.04 | U | -- | | -- | | 0.039 | U | -- | | -- | | 0.035 | U | -- | |
| TRICHLOROETHYLENE | 1. | 0.042 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.037 | U | -- | |
| VINYL CHLORIDE | 2. | 0.064 | U | -- | | -- | | 0.062 | U | -- | | -- | | 0.056 | U | -- | |
| Xylene (Total) | 67. | 0.039 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.034 | U | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 6,860. | | -- | | -- | | 7,250. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 7.6 | | -- | | -- | | 3.2 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 448. | | -- | | -- | | 73.1 | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.098 | U | -- | | -- | | 0.093 | U | -- | | -- | |
| CALCIUM | N/A | -- | | -- | | 22,500. | | -- | | -- | | 6,460. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 3,840. | | -- | | -- | | 75.9 | | -- | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | -- | | 33,000. | | -- | | -- | | 15,600. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 64.6 | | -- | | -- | | 12.7 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 315. | | -- | | -- | | 500. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.021 | U |
| NICKEL AS TOTAL | 250. | -- | | -- | | 77. | | -- | | -- | | 112. | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 158. | B | -- | | -- | | 83.7 | U | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 162. | | -- | | -- | | 90.8 | | -- | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 111-1 | | 111-1 | | 113-1 | | 113-1 | | 113-1 | | 118-1 | | 118-1 | | 118-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 510557 | | 510557 | | 509958 | | 509958 | | 509958 | | 509969 | | 509969 | | 509969 | |
| **Depth** | | 7 - 7.5 | | 7 - 7.5 | | 9 - 9.5 | | 9 - 9.5 | | 9 - 9.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | |
| **Sampling Date** | | 03/12/04 | | 03/12/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 5.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 30.4 | | -- | | -- | | -- | | -- | | 5,680. | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | 0.045 | U | -- | | -- | | 0.05 | U | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | 0.026 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | 0.021 | U | -- | | -- | | 0.023 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | 0.03 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | 0.029 | U | -- | | -- | | 0.032 | U | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | 0.036 | U | -- | | -- | | 0.04 | U | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | 0.037 | U | -- | | -- | | 0.042 | U | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | 0.019 | U | -- | | -- | | 0.021 | U | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | 0.017 | U | -- | | -- | | 0.019 | U | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | 0.014 | U | -- | | -- | | 0.015 | U | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | 0.025 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | 0.24 | U | -- | | -- | | 0.27 | U | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | 0.14 | U | -- | | -- | | 0.15 | U | -- | | -- | | -- | |
| ACETONE | 100. | -- | | 0.23 | U | -- | | -- | | 0.26 | U | -- | | -- | | -- | |
| BENZENE | 1. | -- | | 0.025 | U | -- | | -- | | 0.029 | U | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | 0.009 | U | -- | | -- | | 0.011 | U | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | 0.039 | U | -- | | -- | | 0.044 | U | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | 0.031 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | 0.046 | U | -- | | -- | | 0.052 | U | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | 0.042 | U | -- | | -- | | 0.047 | U | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | 0.048 | U | -- | | -- | | 0.054 | U | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | 0.04 | U | -- | | -- | | 0.045 | U | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | 0.01 | U | -- | | -- | | 0.011 | U | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | 0.057 | U | -- | | -- | | 0.063 | U | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | 0.021 | U | -- | | -- | | 0.023 | U | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | 0.066 | U | -- | | -- | | 0.074 | U | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | 0.027 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | 0.028 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | 0.048 | U | -- | | -- | | 0.054 | U | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | 0.016 | U | -- | | -- | | 0.017 | U | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | 0.032 | U | -- | | -- | | 0.036 | U | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | 0.02 | U | -- | | -- | | 0.022 | U | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | 0.057 | U | -- | | -- | | 0.064 | U | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | 0.13 | U | -- | | -- | | 0.15 | U | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | 0.035 | U | -- | | -- | | 0.039 | U | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | 0.021 | U | -- | | -- | | 0.023 | U | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | 0.043 | U | -- | | -- | | 0.048 | U | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | 0.02 | U | -- | | -- | | 0.022 | U | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | 0.04 | U | -- | | -- | | 0.047 | U | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | 0.025 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | 0.011 | U | -- | | -- | | 0.012 | U | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | 0.029 | U | -- | | -- | | 0.032 | U | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | 0.03 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | 0.046 | U | -- | | -- | | 0.052 | U | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | 0.028 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 9,160. | | -- | | -- | | 7,690. | | -- | | -- | | 7,840. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | 1.1 | B | -- | |
| ARSENIC AS TOTAL | 20. | 2.4 | B | -- | | -- | | 0.91 | B | -- | | -- | | 3.1 | B | -- | |
| BARIUM AS TOTAL | 700. | 104. | | -- | | -- | | 117. | | -- | | -- | | 372. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | 1. | | -- | |
| CADMIUM AS TOTAL | 39. | 0.099 | U | -- | | -- | | 0.093 | U | -- | | -- | | 4.9 | | -- | |
| CALCIUM | N/A | 2,210. | | -- | | -- | | 1,210. | | -- | | -- | | 2,470. | | -- | |
| CHROMIUM | 120,000. | 22. | | -- | | -- | | 38.6 | | -- | | -- | | 32. | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | 12.7 | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | 103. | | -- | |
| IRON | N/A | 14,900. | | -- | | -- | | 10,400. | | -- | | -- | | 34,100. | | -- | |
| LEAD AS TOTAL | 400. | 7.3 | | -- | | -- | | 9.7 | | -- | | -- | | 114. | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | 1,720. | | -- | |
| MANGANESE | N/A | 310. | | -- | | -- | | 1,150. | | -- | | -- | | 1,340. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.019 | U | -- | | -- | | 0.05 | | -- | | -- | |
| NICKEL AS TOTAL | 250. | 11.1 | | -- | | -- | | 33.6 | | -- | | -- | | 26.7 | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | 1,210. | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | 0.97 | U | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | 0.17 | U | -- | |
| SODIUM | N/A | 123. | B | -- | | -- | | 124. | B | -- | | -- | | 90.1 | U | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | 1.1 | U | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | 22.6 | | -- | |
| ZINC AS TOTAL | 1,500. | 43.5 | | -- | | -- | | 36.7 | | -- | | -- | | 273. | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 118-1 | | 118-1 | | 118-1 | | 203-1 | | 203-1 | | 203-1 | | 206-1 | | 206-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509970 | | 509970 | | 509970 | | 509967 | | 509967 | | 509967 | | 509962 | | 509962 | |
| **Depth** | | 6 - 6.5 | | 6 - 6.5 | | 6 - 6.5 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2 - 2.5 | | 2 - 2.5 | |
| **Sampling Date** | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/10/04 | | 03/10/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 37.9 | | -- | | -- | | 25. | U | -- | | -- | | 28.5 | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.054 | U | -- | | -- | | 0.053 | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.036 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.043 | U | -- | | -- | | 0.042 | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.045 | U | -- | | -- | | 0.044 | U | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.03 | U | -- | | -- | | 0.029 | U | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.29 | U | -- | | -- | | 0.28 | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| ACETONE | 100. | -- | | -- | | 0.28 | U | -- | | -- | | 0.27 | U | -- | | -- | |
| BENZENE | 1. | -- | | -- | | 0.031 | U | -- | | -- | | 0.029 | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.047 | U | -- | | -- | | 0.046 | U | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.038 | U | -- | | -- | | 0.037 | U | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.056 | U | -- | | -- | | 0.056 | U | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | 0.051 | U | -- | | -- | | 0.05 | U | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | 0.058 | U | -- | | -- | | 0.057 | U | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.048 | U | -- | | -- | | 0.047 | U | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.068 | U | -- | | -- | | 0.067 | U | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.079 | U | -- | | -- | | 0.078 | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.033 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.058 | U | -- | | -- | | 0.057 | U | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.019 | U | -- | | -- | | 0.018 | U | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.038 | U | -- | | -- | | 0.038 | U | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.068 | U | -- | | -- | | 0.067 | U | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.042 | U | -- | | -- | | 0.041 | U | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.052 | U | -- | | -- | | 0.051 | U | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.024 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.051 | U | -- | | -- | | 0.047 | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.013 | U | -- | | -- | | 0.013 | U | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.037 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.055 | U | -- | | -- | | 0.055 | U | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.034 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 9,100. | | -- | | -- | | 7,910. | | -- | | -- | | 13,200. | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.93 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 1.6 | B | -- | | -- | | 1.1 | B | -- | | -- | | 1.5 | |
| BARIUM AS TOTAL | 700. | -- | | 441. | | -- | | -- | | 660. | | -- | | -- | | 242. | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.4 | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.096 | U | -- | | -- | | 0.09 | U | -- | | -- | | 0.099 | U |
| CALCIUM | N/A | -- | | 1,660. | | -- | | -- | | 1,330. | | -- | | -- | | 1,260. | |
| CHROMIUM | 120,000. | -- | | 26.7 | | -- | | -- | | 26.2 | | -- | | -- | | 52.2 | |
| COBALT | N/A | -- | | 12.9 | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 21. | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 32,100. | | -- | | -- | | 26,200. | | -- | | -- | | 28,200. | |
| LEAD AS TOTAL | 400. | -- | | 17. | | -- | | -- | | 16.9 | | -- | | -- | | 16.7 | |
| MAGNESIUM | N/A | -- | | 2,710. | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 2,630. | | -- | | -- | | 3,270. | | -- | | -- | | 948. | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.021 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | 26.9 | | -- | | -- | | 37.7 | | -- | | -- | | 11.6 | |
| POTASSIUM | N/A | -- | | 1,410. | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.93 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.17 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 188. | B | -- | | -- | | 239. | B | -- | | -- | | 267. | B |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | 21.7 | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 39. | | -- | | -- | | 34.7 | | -- | | -- | | 35.6 | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 206-1 | | 208-1 | | 208-1 | | 208-1 | | 208-1 | | 213-1 | | 213-1 | | 213-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509962 | | 509966 | | 509966 | | 509966 | | 509966 | | 508994 | | 508994 | | 508994 | |
| **Depth** | | 2 - 2.5 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | |
| **Sampling Date** | | 03/10/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/11/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 50.0 | | 1.0 | | 2.0 | | 5.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 383. | | -- | | -- | | -- | | 25. | U | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.055 | U | -- | | -- | | -- | | 0.052 | U | -- | | -- | | 0.055 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.033 | U | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.033 | U |
| 1,1,2-TRICHLOROETHANE | 1. | 0.026 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.026 | U |
| 1,1-DICHLOROETHANE | 10. | 0.036 | U | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.036 | U |
| 1,1-DICHLOROETHYLENE | 8. | 0.036 | U | -- | | -- | | -- | | 0.034 | U | -- | | -- | | 0.036 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.044 | U | -- | | -- | | -- | | 0.042 | U | -- | | -- | | 0.044 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.046 | U | -- | | -- | | -- | | 0.043 | U | -- | | -- | | 0.045 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.023 | U | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.023 | U |
| 1,2-DICHLOROBENZENE | 50. | 0.021 | U | -- | | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U |
| 1,2-DICHLOROETHANE | 1. | 0.017 | U | -- | | -- | | -- | | 0.016 | U | -- | | -- | | 0.017 | U |
| 1,2-DICHLOROPROPANE | 10. | 0.026 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.026 | U |
| 1,4-DICHLOROBENZENE | 100. | 0.031 | U | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.03 | U |
| 2-BUTANONE | 50. | 0.3 | U | -- | | -- | | -- | | 0.28 | U | -- | | -- | | 0.29 | U |
| 4-METHYL-2-PENTANONE | 50. | 0.17 | U | -- | | -- | | -- | | 0.16 | U | -- | | -- | | 0.17 | U |
| ACETONE | 100. | 0.28 | U | -- | | -- | | -- | | 0.27 | U | -- | | -- | | 0.28 | U |
| BENZENE | 1. | 0.031 | U | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.031 | U |
| BROMODICHLOROMETHANE | 1. | 0.011 | U | -- | | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U |
| BROMOMETHANE | 1. | 0.048 | U | -- | | -- | | -- | | 0.046 | U | -- | | -- | | 0.048 | U |
| CARBON DISULFIDE | N/A | 0.038 | U | -- | | -- | | -- | | 0.036 | U | -- | | -- | | 0.038 | U |
| CARBON TETRACHLORIDE | 1. | 0.058 | U | -- | | -- | | -- | | 0.054 | U | -- | | -- | | 0.058 | U |
| CFC-11 | N/A | 0.052 | U | -- | | -- | | -- | | 0.049 | U | -- | | -- | | 0.051 | U |
| CFC-12 | N/A | 0.059 | U | -- | | -- | | -- | | 0.056 | U | -- | | -- | | 0.059 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.049 | U | -- | | -- | | -- | | 0.046 | U | -- | | -- | | 0.048 | U |
| CHLOROBENZENE | 1. | 0.012 | U | -- | | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U |
| CHLORODIBROMOMETHANE | 1. | 0.026 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.026 | U |
| CHLOROETHANE | N/A | 0.07 | U | -- | | -- | | -- | | 0.066 | U | -- | | -- | | 0.069 | U |
| CHLOROFORM | 1. | 0.025 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.025 | U |
| CHLOROMETHANE | 10. | 0.081 | U | -- | | -- | | -- | | 0.077 | U | -- | | -- | | 0.08 | U |
| CIS-1,2-DICHLOROETHENE | 1. | 0.033 | U | -- | | -- | | -- | | 0.031 | U | -- | | -- | | 0.032 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.034 | U | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.034 | U |
| CYCLOHEXANE | N/A | 0.059 | U | -- | | -- | | -- | | 0.056 | U | -- | | -- | | 0.058 | U |
| DICHLOROMETHANE | 1. | 0.019 | U | -- | | -- | | -- | | 0.018 | U | -- | | -- | | 0.019 | U |
| ETHYLBENZENE | 100. | 0.026 | U | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.026 | U |
| ISOPROPYLBENZENE | N/A | 0.039 | U | -- | | -- | | -- | | 0.037 | U | -- | | -- | | 0.039 | U |
| M-DICHLOROBENZENE | 100. | 0.025 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U |
| METHYL ACETATE | N/A | 0.07 | U | -- | | -- | | -- | | 0.066 | U | -- | | -- | | 0.069 | U |
| METHYL N-BUTYL KETONE | N/A | 0.16 | U | -- | | -- | | -- | | 0.15 | U | -- | | -- | | 0.16 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.043 | U | -- | | -- | | -- | | 0.041 | U | -- | | -- | | 0.042 | U |
| METHYLBENZENE | 500. | 0.026 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.025 | U |
| METHYLCYLOHEXANE | N/A | 0.053 | U | -- | | -- | | -- | | 0.05 | U | -- | | -- | | 0.052 | U |
| STYRENE (MONOMER) | 23. | 0.024 | U | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.024 | U |
| TETRACHLOROETHENE | 1. | 0.051 | U | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.051 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.031 | U | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.031 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.013 | U | -- | | -- | | -- | | 0.013 | U | -- | | -- | | 0.013 | U |
| TRIBOMOMETHANE | 1. | 0.036 | U | -- | | -- | | -- | | 0.034 | U | -- | | -- | | 0.036 | U |
| TRICHLOROETHYLENE | 1. | 0.037 | U | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.037 | U |
| VINYL CHLORIDE | 2. | 0.057 | U | -- | | -- | | -- | | 0.054 | U | -- | | -- | | 0.056 | U |
| Xylene (Total) | 67. | 0.034 | U | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.034 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 7,860. | | -- | | -- | | -- | | 8,220. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 5. | | -- | | -- | | -- | | 0.87 | B | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 226. | | -- | | -- | | -- | | 63.5 | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.95 | B | -- | | -- | | -- | | 0.32 | B | -- | |
| CALCIUM | N/A | -- | | -- | | -- | | 64,200. | | -- | | -- | | 938. | B | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 1,060. | | -- | | -- | | -- | | 24.9 | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | -- | | 19,400. | | -- | | -- | | -- | | 32,000. | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 72.4 | | -- | | -- | | -- | | 12.5 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 297. | | -- | | -- | | -- | | 74.3 | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.27 | | -- | | -- | | -- | | 0.018 | U | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 53.7 | | -- | | -- | | -- | | 21.5 | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 443. | B | -- | | -- | | -- | | 169. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 700. | | -- | | -- | | -- | | 40.1 | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 7**
**Soil Analytical Results Summary**
**Pit/Sump Investigation - 103 through 213 Series**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 213-2 | | 213-2 | | 213-2 | | 213-2 | |
|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 508995 | | 508995 | | 508995 | | 508995 | |
| **Depth** | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | | 3.5 - 4 | |
| **Sampling Date** | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 5.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 25. | U | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | 0.063 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | 0.037 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | 0.029 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | 0.041 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | 0.041 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | 0.05 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | 0.052 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | 0.026 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | 0.023 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | 0.019 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | 0.03 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.035 | U |
| 2-BUTANONE | 50. | -- | | -- | | -- | | 0.34 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | 0.19 | U |
| ACETONE | 100. | -- | | -- | | -- | | 0.32 | U |
| BENZENE | 1. | -- | | -- | | -- | | 0.035 | U |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.013 | U |
| BROMOMETHANE | 1. | -- | | -- | | -- | | 0.055 | U |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | 0.044 | U |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | 0.066 | U |
| CFC-11 | N/A | -- | | -- | | -- | | 0.059 | U |
| CFC-12 | N/A | -- | | -- | | -- | | 0.067 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | 0.056 | U |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | 0.014 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | 0.029 | U |
| CHLOROETHANE | N/A | -- | | -- | | -- | | 0.079 | U |
| CHLOROFORM | 1. | -- | | -- | | -- | | 0.029 | U |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | 0.092 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | 0.037 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.039 | U |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | 0.067 | U |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.022 | U |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | 0.03 | U |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | 0.044 | U |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.028 | U |
| METHYL ACETATE | N/A | -- | | -- | | -- | | 0.079 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | 0.18 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | 0.049 | U |
| METHYLBENZENE | 500. | -- | | -- | | -- | | 0.029 | U |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | 0.06 | U |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | 0.027 | U |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | 0.057 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | 0.035 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.015 | U |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | 0.041 | U |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | 0.042 | U |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | 0.064 | U |
| Xylene (Total) | 67. | -- | | -- | | -- | | 0.039 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | |
| ALUMINUM | N/A | -- | | 5,400. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 1.6 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | **10,200.** | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.57 | B | -- | | -- | |
| CALCIUM | N/A | -- | | 1,360. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 20. | | -- | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 14,600. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 12.8 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 43,800. | | -- | |
| MERCURY AS TOTAL | 14. | 0.03 | B | -- | | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 20.5 | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 176. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 48.7 | | -- | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; . less than the specified quantitation limit but greater than zero |

**TABLE 8**
**Soil Analytical Results Summary**
**Pits 221 through 279 and 300 Series Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 221-1 | | 221-1 | | 221-1 | | 229-1 | | 229-1 | | 229-1 | | 239-1 | | 239-1 | | 239-1 | | 249-1 | | 249-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509954 | | 509954 | | 509954 | | 508147 | | 508147 | | 508147 | | 510560 | | 510560 | | 510560 | | 507303 | | 507303 | |
| **Depth** | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 3 - 3.5 | | 3 - 3.5 | | 3 - 3.5 | | 6 - 6.5 | | 6 - 6.5 | | 6 - 6.5 | | 6.5 - 7 | | 6.5 - 7 | |
| **Sampling Date** | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | | 03/02/04 | | 03/02/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| TOTAL PETROLEUM HYDROCARBONS | 10,000. | 25. | U | -- | | -- | | 25. | U | -- | | -- | | 25. | U | -- | | -- | | 25. | U | -- | |
| **VOLATILE ORGANIC COMPONDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.05 | U | -- | | -- | | 0.045 | U | -- | | -- | | 0.052 | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.03 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.032 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.04 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.041 | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.042 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.043 | U | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.021 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.019 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.019 | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.024 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.028 | U | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.27 | U | -- | | -- | | 0.24 | U | -- | | -- | | 0.28 | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.15 | U | -- | | -- | | 0.14 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| ACETONE | 100. | -- | | -- | | 0.26 | U | -- | | -- | | 0.23 | U | -- | | -- | | 0.26 | U | -- | | -- | |
| BENZENE | 1. | -- | | -- | | 0.029 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.029 | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.009 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.044 | U | -- | | -- | | 0.039 | U | -- | | -- | | 0.045 | U | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.035 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.036 | U | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.052 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.054 | U | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | 0.047 | U | -- | | -- | | 0.042 | U | -- | | -- | | 0.048 | U | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | 0.054 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.055 | U | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.045 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.046 | U | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.024 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.063 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.065 | U | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.074 | U | -- | | -- | | 0.066 | U | -- | | -- | | 0.076 | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.03 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.031 | U | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.031 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.054 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.055 | U | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.018 | U | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.024 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.036 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.037 | U | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.022 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.064 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.065 | U | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.15 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.15 | U | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.039 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.04 | U | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.048 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.049 | U | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.022 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.047 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.047 | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.029 | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.035 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.052 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.053 | U | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.031 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 7,350. | | -- | | -- | | 12,600. | | -- | | -- | | 9,510. | | -- | | -- | | 6,080. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 1.4 | | -- | | -- | | 4.8 | | -- | | -- | | 2.2 | B | -- | | -- | | 2.3 | |
| BARIUM AS TOTAL | 700. | -- | | 81.7 | | -- | | -- | | 43.4 | B | -- | | -- | | 183. | | -- | | -- | | 462. | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.094 | U | -- | | -- | | 0.41 | B | -- | | -- | | 0.097 | U | -- | | -- | | 0.09 | U |
| CALCIUM | N/A | -- | | 2,720. | | -- | | -- | | 4,720. | | -- | | -- | | 2,520. | | -- | | -- | | 2,370. | |
| CHROMIUM | 120,000. | -- | | 21.3 | | -- | | -- | | 17.7 | | -- | | -- | | 24.3 | | -- | | -- | | 18.8 | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 16,600. | | -- | | -- | | 22,700. | | -- | | -- | | 24,500. | | -- | | -- | | 27,000. | |
| LEAD AS TOTAL | 400. | -- | | 12.4 | | -- | | -- | | 9.2 | | -- | | -- | | 114. | | -- | | -- | | 8. | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 405. | | -- | | -- | | 177. | | -- | | -- | | 2,440. | | -- | | -- | | 1,990. | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | -- | | 0.02 | B | -- | | -- | | 0.02 | U | -- | | -- | | 0.03 | B | -- | |
| NICKEL AS TOTAL | 250. | -- | | 9.9 | | -- | | -- | | 11.7 | | -- | | -- | | 28.3 | | -- | | -- | | 172. | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 187. | B | -- | | -- | | 140. | B | -- | | -- | | 230. | B | -- | | -- | | 101. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 601. | | -- | | -- | | 31.9 | | -- | | -- | | 28.3 | | -- | | -- | | 97.1 | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 8**
**Soil Analytical Results Summary**
**Pits 221 through 279 and 300 Series Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 249-1 | | 250-1 | | 250-1 | | 250-1 | | 250-1 | | 250-1 | | 250-1 | | 255-1 | | 255-1 | | 255-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 507303 | | 507305 | | 507305 | | 507305 | | 507305 | | 507307 | | 507307 | | 507307 | | 509957 | | 509957 | | 509957 | |
| **Depth** | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 5.5 - 6 | | 5.5 - 6 | | 5.5 - 6 | |
| **Sampling Date** | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/02/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 50.0 | | 1.0 | | 2.0 | | 5.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 5.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| TOTAL PETROLEUM HYDROCARBONS | 10,000. | -- | | -- | | -- | | 5,410. | | -- | | 61.8 | | -- | | -- | | -- | | -- | | 1,530. | |
| **VOLATILE ORGANIC COMPONDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.081 | U | -- | | -- | | -- | | 0.07 | U | -- | | -- | | 0.065 | U | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.048 | U | -- | | -- | | -- | | 0.041 | U | -- | | -- | | 0.039 | U | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.038 | U | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.054 | U | -- | | -- | | -- | | 0.046 | U | -- | | -- | | 0.043 | U | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.054 | U | -- | | -- | | -- | | 0.046 | U | -- | | -- | | 0.042 | U | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.065 | U | -- | | -- | | -- | | 0.056 | U | -- | | -- | | 0.052 | U | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.067 | U | -- | | -- | | -- | | 0.058 | U | -- | | -- | | 0.054 | U | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.034 | U | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.027 | U | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.03 | U | -- | | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.025 | U | -- | | -- | | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.038 | U | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.045 | U | -- | | -- | | -- | | 0.039 | U | -- | | -- | | 0.036 | U | -- | | -- | | -- | |
| 2-BUTANONE | 50. | 0.44 | U | -- | | -- | | -- | | 0.38 | U | -- | | -- | | 0.35 | U | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.25 | U | -- | | -- | | -- | | 0.21 | U | -- | | -- | | 0.2 | U | -- | | -- | | -- | |
| ACETONE | 100. | 0.42 | U | -- | | -- | | -- | | 0.36 | U | -- | | -- | | 0.33 | U | -- | | -- | | -- | |
| BENZENE | 1. | 0.045 | U | -- | | -- | | -- | | 0.039 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | 0.017 | U | -- | | -- | | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | | -- | |
| BROMOMETHANE | 1. | 0.071 | U | -- | | -- | | -- | | 0.061 | U | -- | | -- | | 0.057 | U | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | 0.056 | U | -- | | -- | | -- | | 0.049 | U | -- | | -- | | 0.045 | U | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | 0.087 | U | -- | | -- | | -- | | 0.074 | U | -- | | -- | | 0.068 | U | -- | | -- | | -- | |
| CFC-11 | N/A | 0.076 | U | -- | | -- | | -- | | 0.066 | U | -- | | -- | | 0.061 | U | -- | | -- | | -- | |
| CFC-12 | N/A | 0.087 | U | -- | | -- | | -- | | 0.075 | U | -- | | -- | | 0.07 | U | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.072 | U | -- | | -- | | -- | | 0.062 | U | -- | | -- | | 0.058 | U | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | 0.018 | U | -- | | -- | | -- | | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.038 | U | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| CHLOROETHANE | N/A | 0.1 | U | -- | | -- | | -- | | 0.088 | U | -- | | -- | | 0.082 | U | -- | | -- | | -- | |
| CHLOROFORM | 1. | 0.037 | U | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | 0.12 | U | -- | | -- | | -- | | 0.1 | U | -- | | -- | | 0.095 | U | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.048 | U | -- | | -- | | -- | | 0.042 | U | -- | | -- | | 0.039 | U | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.05 | U | -- | | -- | | -- | | 0.044 | U | -- | | -- | | 0.04 | U | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | 0.087 | U | -- | | -- | | -- | | 0.075 | U | -- | | -- | | 0.069 | U | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | 0.028 | U | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.023 | U | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | 0.039 | U | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.031 | U | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | 0.058 | U | -- | | -- | | -- | | 0.05 | U | -- | | -- | | 0.046 | U | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | 0.036 | U | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.029 | U | -- | | -- | | -- | |
| METHYL ACETATE | N/A | 0.1 | U | -- | | -- | | -- | | 0.089 | U | -- | | -- | | 0.082 | U | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.24 | U | -- | | -- | | -- | | 0.21 | U | -- | | -- | | 0.19 | U | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.063 | U | -- | | -- | | -- | | 0.054 | U | -- | | -- | | 0.05 | U | -- | | -- | | -- | |
| METHYLBENZENE | 500. | 0.038 | U | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | 0.078 | U | -- | | -- | | -- | | 0.067 | U | -- | | -- | | 0.062 | U | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | 0.035 | U | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.028 | U | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | 0.074 | U | -- | | -- | | -- | | 0.064 | U | -- | | -- | | 0.061 | U | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.046 | U | -- | | -- | | -- | | 0.039 | U | -- | | -- | | 0.036 | U | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.02 | U | -- | | -- | | -- | | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | 0.054 | U | -- | | -- | | -- | | 0.045 | U | -- | | -- | | 0.042 | U | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | 0.054 | U | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.045 | U | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | 0.084 | U | -- | | -- | | -- | | 0.072 | U | -- | | -- | | 0.067 | U | -- | | -- | | -- | |
| Xylene (Total) | 67. | 0.05 | U | -- | | -- | | -- | | 0.044 | U | -- | | -- | | 0.04 | U | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | 11.2 | | | | | | | | 28.4 | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 11.2 | | 0. | | 0. | | 0. | | 28.4 | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 6,000. | | -- | | -- | | -- | | 6,730. | | -- | | -- | | 4,720. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 1.5 | | -- | | -- | | -- | | 15.2 | | -- | | -- | | 1. | B | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 101. | | -- | | -- | | -- | | 111. | | -- | | -- | | 32.8 | B | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.088 | U | -- | | -- | | -- | | 0.26 | B | -- | | -- | | 0.094 | U | -- | |
| CALCIUM | N/A | -- | | -- | | 2,440. | | -- | | -- | | -- | | 2,810. | | -- | | -- | | 803. | B | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 17.7 | | -- | | -- | | -- | | 18.6 | | -- | | -- | | 682. | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | -- | | 24,400. | | -- | | -- | | -- | | 18,100. | | -- | | -- | | 8,550. | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | 12.9 | | -- | | -- | | -- | | 69.6 | | -- | | -- | | 22.5 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 248. | | -- | | -- | | -- | | 262. | | -- | | -- | | 73.1 | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.018 | U | -- | | -- | | -- | | 0.07 | | -- | | -- | | 0.02 | U | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 14.8 | | -- | | -- | | -- | | 93.6 | | -- | | -- | | 23.1 | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 131. | B | -- | | -- | | -- | | 180. | B | -- | | -- | | 93.1 | U | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 41.7 | | -- | | -- | | -- | | 1,140. | | -- | | -- | | 180. | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 8**
**Soil Analytical Results Summary**
**Pits 221 through 279 and 300 Series Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 255-1 | | 261-1 | | 261-1 | | 261-2 | | 262-1 | | 262-1 | | 262-1 | | 263-1 | | 263-1 | | 263-1 | | 263-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 509957 | | 507909 | | 507910 | | 507911 | | 507922 | | 507922 | | 507922 | | 507914 | | 507914 | | 507915 | | 507915 | |
| **Depth** | | 5.5 - 6 | | 3.5 - 4 | | 7 - 7.5 | | 3.5 - 4 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 0.5 - 1 | | 0.5 - 1 | | 6.5 - 7 | | 6.5 - 7 | |
| **Sampling Date** | | 03/10/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | | 03/03/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 50.0 | | 5.0 | | 1.0 | | 5.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| TOTAL PETROLEUM HYDROCARBONS | 10,000. | -- | | 6,580. | | 25. | U | 1,200. | | 70.4 | | -- | | -- | | 31.5 | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPONDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.052 | U | -- | | -- | | -- | | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.03 | U | -- | | -- | | -- | | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.035 | U | -- | | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.034 | U | -- | | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.042 | U | -- | | -- | | -- | | -- | | -- | | 0.036 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.043 | U | -- | | -- | | -- | | -- | | -- | | 0.038 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.022 | U | -- | | -- | | -- | | -- | | -- | | 0.019 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.02 | U | -- | | -- | | -- | | -- | | -- | | 0.017 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.016 | U | -- | | -- | | -- | | -- | | -- | | 0.014 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.029 | U | -- | | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | 0.28 | U | -- | | -- | | -- | | -- | | -- | | 0.24 | U | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.16 | U | -- | | -- | | -- | | -- | | -- | | 0.14 | U | -- | | -- | | -- | | -- | |
| ACETONE | 100. | 0.27 | U | -- | | -- | | -- | | -- | | -- | | 0.23 | U | -- | | -- | | -- | | -- | |
| BENZENE | 1. | 0.029 | U | -- | | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | 0.011 | U | -- | | -- | | -- | | -- | | -- | | 0.009 | U | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | 0.046 | U | -- | | -- | | -- | | -- | | -- | | 0.04 | U | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | 0.036 | U | -- | | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | 0.054 | U | -- | | -- | | -- | | -- | | -- | | 0.048 | U | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | 0.049 | U | -- | | -- | | -- | | -- | | -- | | 0.043 | U | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | 0.056 | U | -- | | -- | | -- | | -- | | -- | | 0.049 | U | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.046 | U | -- | | -- | | -- | | -- | | -- | | 0.041 | U | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | 0.012 | U | -- | | -- | | -- | | -- | | -- | | 0.01 | U | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | 0.066 | U | -- | | -- | | -- | | -- | | -- | | 0.058 | U | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | 0.077 | U | -- | | -- | | -- | | -- | | -- | | 0.067 | U | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.031 | U | -- | | -- | | -- | | -- | | -- | | 0.046 | J | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.032 | U | -- | | -- | | -- | | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | 0.056 | U | -- | | -- | | -- | | -- | | -- | | 0.049 | U | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | 0.018 | U | -- | | -- | | -- | | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | 0.025 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | 0.037 | U | -- | | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | 0.066 | U | -- | | -- | | -- | | -- | | -- | | 0.058 | U | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.15 | U | -- | | -- | | -- | | -- | | -- | | 0.14 | U | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.041 | U | -- | | -- | | -- | | -- | | -- | | 0.036 | U | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | 0.05 | U | -- | | -- | | -- | | -- | | -- | | 0.044 | U | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | 0.023 | U | -- | | -- | | -- | | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | 0.047 | U | -- | | -- | | -- | | -- | | -- | | 0.04 | U | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.029 | U | -- | | -- | | -- | | -- | | -- | | 0.026 | U | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.013 | U | -- | | -- | | -- | | -- | | -- | | 0.011 | U | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | 0.034 | U | -- | | -- | | -- | | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | 0.035 | U | -- | | -- | | -- | | -- | | -- | | 0.86 | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | 0.054 | U | -- | | -- | | -- | | -- | | -- | | 0.047 | U | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | 0.033 | U | -- | | -- | | -- | | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.906 | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.906 | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | -- | | -- | | -- | | 7,390. | | -- | | -- | | 9,140. | | -- | | 5,750. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | -- | | -- | | -- | | 3.5 | | -- | | -- | | 4.5 | | -- | | 6.6 | |
| BARIUM AS TOTAL | 700. | -- | | -- | | -- | | -- | | -- | | 102. | | -- | | -- | | 89.9 | | -- | | 38.1 | B |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | -- | | -- | | -- | | 0.24 | B | -- | | -- | | 0.32 | B | -- | | 0.15 | B |
| CALCIUM | N/A | -- | | -- | | -- | | -- | | -- | | 1,150. | B | -- | | -- | | 1,610. | | -- | | 911. | B |
| CHROMIUM | 120,000. | -- | | -- | | -- | | -- | | -- | | 741. | | -- | | -- | | 326. | | -- | | 300. | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | -- | | -- | | -- | | -- | | 14,100. | | -- | | -- | | 23,000. | | -- | | 14,100. | |
| LEAD AS TOTAL | 400. | -- | | -- | | -- | | -- | | -- | | 18.2 | | -- | | -- | | 23.5 | | -- | | 18. | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | -- | | -- | | -- | | 155. | | -- | | -- | | 553. | | -- | | 141. | |
| MERCURY AS TOTAL | 14. | -- | | -- | | -- | | -- | | 0.23 | | -- | | -- | | 0.04 | B | -- | | 0.02 | B | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | -- | | -- | | -- | | **383.** | | -- | | -- | | **392.** | | -- | | **461.** | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | -- | | -- | | -- | | -- | | 99.4 | U | -- | | -- | | 204. | B | -- | | 104. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | -- | | -- | | -- | | 107. | | -- | | -- | | 130. | | -- | | 99.8 | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 8**
**Soil Analytical Results Summary**
**Pits 221 through 279 and 300 Series Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | 263-1 | | 264-1 | | 268-1 | | 268-1 | | 268-1 | | 268-1 | | 268-1 | | 268-1 | | 268-2 | | 268-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 507915 | | 510562 | | 507927 | | 507927 | | 507927 | | 507928 | | 507928 | | 507931 | | 507931 | | 508142 | | 508142 | |
| Depth | | 6.5 - 7 | | 5 - 5.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 7 - 7.5 | | 7 - 7.5 | | 3.5 - 4 | | 3.5 - 4 | | 3.25 - 3.75 | | 3.25 - 3.75 | |
| Sampling Date | | 03/03/04 | | 03/12/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | | 03/05/04 | | 03/05/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 50.0 | | 1.0 | | 1.0 | | 2.0 | | 3.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| TOTAL PETROLEUM HYDROCARBONS | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPONDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.023 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.023 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.029 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.013 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | 0.19 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.11 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | 0.18 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | 0.007 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | 0.038 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | 0.008 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | 0.045 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | 0.052 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | 0.038 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | 0.045 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.1 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | 0.034 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | 0.032 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.009 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | 0.023 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | 0.036 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | -- | | 10,300. | | -- | | -- | | 10,900. | | -- | | 12,200. | | -- | | 19,700. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | 1.4 | U | -- | | -- | | 1.5 | U | -- | | 0.97 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | -- | | 3.5 | | -- | | -- | | 1.4 | | -- | | 1.4 | B | -- | | 1. | B |
| BARIUM AS TOTAL | 700. | -- | | -- | | -- | | 130. | | -- | | -- | | 194. | | -- | | 112. | | -- | | 199. | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | 0.79 | | -- | | -- | | 1.6 | | -- | | 1. | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | -- | | 0.79 | B | -- | | -- | | 0.4 | B | -- | | 0.1 | U | -- | | 1.1 | B |
| CALCIUM | N/A | -- | | -- | | -- | | 24,800. | | -- | | -- | | 2,950. | | -- | | 1,650. | | -- | | 2,000. | |
| CHROMIUM | 120,000. | -- | | -- | | -- | | 133. | | -- | | -- | | 23.4 | | -- | | 20.5 | | -- | | 135. | |
| COBALT | N/A | -- | | -- | | -- | | 9.8 | B | -- | | -- | | 20.8 | | -- | | 7.8 | B | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | 278. | | -- | | -- | | 57.2 | | -- | | 21.4 | | -- | | -- | |
| IRON | N/A | -- | | -- | | -- | | 50,800. | | -- | | -- | | 21,200. | | -- | | 17,300. | | -- | | 28,300. | |
| LEAD AS TOTAL | 400. | -- | | -- | | -- | | **690.** | | -- | | -- | | 22.1 | | -- | | 18. | | -- | | **1,860.** | |
| MAGNESIUM | N/A | -- | | -- | | -- | | 2,970. | | -- | | -- | | 2,570. | | -- | | 1,880. | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | -- | | 362. | | -- | | -- | | 721. | | -- | | 334. | | -- | | 380. | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.06 | | -- | | -- | | 0.03 | B | -- | | 0.02 | B | -- | | 0.34 | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | -- | | -- | | **9,940.** | | -- | | 130. | | -- | | 21.8 | | -- | | **6,660.** | |
| POTASSIUM | N/A | -- | | -- | | -- | | 721. | B | -- | | -- | | 1,040. | B | -- | | 1,230. | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | 1. | U | -- | | -- | | 1.1 | U | -- | | 1.4 | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | 0.34 | U | -- | | -- | | 0.36 | U | -- | | 0.17 | U | -- | | -- | |
| SODIUM | N/A | -- | | -- | | -- | | 5,090. | | -- | | -- | | 8,240. | | -- | | 7,940. | | -- | | 11,800. | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | 1.7 | U | -- | | 1.2 | U | -- | | 1.1 | U | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | 13.3 | | -- | | -- | | 21.5 | | -- | | 17.4 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | -- | | -- | | **7,740.** | | -- | | **2,250.** | | -- | | **3,230.** | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | 0.73 | | -- | | -- | | 0.5 | U | -- | | 0.5 | U | -- | | 4.2 | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.005 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 8**
**Soil Analytical Results Summary**
**Pits 221 through 279 and 300 Series Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | 268-2 | | 268-2 | | 268-2 | | 268-2 | | 268-2 | | 268-2 | | 268-2 | | 271-1 | | 275-1 | | 275-1 | | 275-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 508142 | | 508143 | | 508143 | | 508143 | | 508144 | | 508144 | | 508144 | | 508985 | | 507933 | | 507933 | | 507933 | |
| Depth | | 3.25 - 3.75 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 7 - 7.5 | | 7 - 7.5 | | 7 - 7.5 | | 3 - 3.5 | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | |
| Sampling Date | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/09/04 | | 03/04/04 | | 03/04/04 | | 03/04/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 20.0 | | 1.0 | | 2.0 | | 10.0 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 1.0 | | 2.0 | | 50.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| TOTAL PETROLEUM HYDROCARBONS | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 25. | U | 27.4 | | -- | | -- | |
| **VOLATILE ORGANIC COMPONDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.049 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.028 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.032 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.032 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.039 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.04 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.02 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.018 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.015 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.027 | U |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.26 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.15 | U |
| ACETONE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.25 | U |
| BENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.027 | U |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.01 | U |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.043 | U |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.034 | U |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.052 | U |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.046 | U |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.052 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.043 | U |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.011 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.061 | U |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.022 | U |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.072 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.029 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.03 | U |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.052 | U |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.017 | U |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.034 | U |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.022 | U |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.062 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.14 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.038 | U |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.023 | U |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.046 | U |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.021 | U |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.044 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.027 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.012 | U |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.032 | U |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.072 | J |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.05 | U |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.03 | U |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.072 | |
| TOTAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.072 | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 19,800. | | -- | | -- | | 14,300. | | -- | | -- | | -- | | 8,420. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 1.2 | B | -- | | -- | | 0.8 | U | -- | | -- | | -- | | 5. | B | -- | |
| BARIUM AS TOTAL | 700. | -- | | -- | | 250. | | -- | | -- | | 283. | | -- | | -- | | -- | | 91. | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.52 | B | -- | | -- | | 0.64 | B | -- | | -- | | -- | | 0.1 | U | -- | |
| CALCIUM | N/A | -- | | -- | | 1,250. | | -- | | -- | | 1,340. | | -- | | -- | | -- | | 4,370. | | -- | |
| CHROMIUM | 120,000. | -- | | -- | | 112. | | -- | | -- | | 60.4 | | -- | | -- | | -- | | 14.7 | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | -- | | 23,700. | | -- | | -- | | 24,800. | | -- | | -- | | -- | | 14,900. | | -- | |
| LEAD AS TOTAL | 400. | -- | | -- | | **447.** | | -- | | -- | | 28.8 | | -- | | -- | | -- | | 19.6 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | -- | | 1,100. | | -- | | -- | | -- | | 3,470. | | -- | | -- | | 1,240. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.05 | | -- | | -- | | 0.021 | U | -- | | -- | | -- | | 0.04 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | -- | | **4,300.** | | -- | | -- | | **3,030.** | | -- | | -- | | 9.2 | B | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | -- | | 14,600. | | -- | | -- | | 10,000. | | -- | | -- | | -- | | 268. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | **37,800.** | | -- | | -- | | **10,100.** | | -- | | -- | | **1,520.** | | -- | | -- | | 27.1 | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 9**
**Soil Analytical Results Summary**
**Main Crock Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MC1-1 | | MC1-1 | | MC1-1 | | MC2-1 | | MC2-1 | | MC2-1 | | MC3-1 | | MC3-1 | | MC3-1 | | MC3-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 508991 | | 508991 | | 508991 | | 508989 | | 508989 | | 508989 | | 512934 | | 509947 | | 509947 | | 509947 | | 509964 | |
| Depth | | 6.5 - 7 | | 6.5 - 7 | | 6.5 - 7 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 9 - 9.5 | |
| Sampling Date | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/19/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/11/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 50.0 | | 1.0 | | 2.0 | | 12.5 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 25. | U | -- | | -- | | 25. | U | -- | | -- | | -- | | -- | | -- | | **13,300.** | | 25. | U |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.42 | U | -- | | -- | | 0.37 | U | 0.43 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.28 | U | -- | | -- | | 0.25 | U | 0.29 | U | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.28 | U | -- | | -- | | 0.25 | U | 0.29 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.28 | U | -- | | -- | | 0.25 | U | 0.29 | U | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.42 | U | -- | | -- | | 0.37 | U | 0.43 | U | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.56 | U | -- | | -- | | 0.5 | U | 0.58 | U | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.56 | U | -- | | -- | | 0.5 | U | 0.58 | U | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.14 | U | -- | | -- | | 0.12 | U | 0.14 | U | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.7 | U | -- | | -- | | 0.62 | U | 0.72 | U | -- | | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TATAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 9,180. | | -- | | -- | | 10,500. | | -- | | -- | | -- | | 12,300. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 2.5 | U | -- | | -- | | 2.3 | U | -- | | -- | | -- | | 1.8 | B | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 3.7 | B | -- | | -- | | 3.9 | B | -- | | -- | | -- | | 14.9 | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 95.6 | | -- | | -- | | 70.5 | | -- | | -- | | -- | | **1,060.** | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.2 | | -- | | -- | | 0.78 | | -- | | -- | | -- | | 1.8 | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.23 | B | -- | | -- | | 1.2 | U | -- | | -- | | -- | | 13. | | -- | | -- | |
| CALCIUM | N/A | -- | | 1,810. | | -- | | -- | | 5,230. | | -- | | -- | | -- | | 2,760. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 20.8 | | -- | | -- | | 19.9 | | -- | | -- | | -- | | 1,540. | | -- | | -- | |
| COBALT | N/A | -- | | 7.7 | B | -- | | -- | | 11.1 | B | -- | | -- | | -- | | 18.2 | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 18.1 | | -- | | -- | | 15.1 | | -- | | -- | | -- | | **1,680.** | | -- | | -- | |
| IRON | N/A | -- | | 18,000. | | -- | | -- | | 22,700. | | -- | | -- | | -- | | 75,100. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 23.3 | | -- | | -- | | 11.3 | | -- | | -- | | -- | | 382. | | -- | | -- | |
| MAGNESIUM | N/A | -- | | 1,420. | | -- | | -- | | 2,330. | | -- | | -- | | -- | | 2,820. | | -- | | -- | |
| MANGANESE | N/A | -- | | 693. | | -- | | -- | | 732. | | -- | | -- | | -- | | 302. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.03 | B | -- | | -- | | 0.019 | U | -- | | -- | | -- | | 0.39 | | -- | | -- | | 0.019 | U |
| NICKEL AS TOTAL | 250. | -- | | 14. | | -- | | -- | | 15.3 | | -- | | -- | | -- | | **2,450.** | | -- | | -- | |
| POTASSIUM | N/A | -- | | 487. | B | -- | | -- | | 1,050. | B | -- | | -- | | -- | | 924. | B | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 1.4 | | -- | | -- | | 1.2 | U | -- | | -- | | -- | | 2.2 | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 2.6 | U | -- | | -- | | 2.3 | U | -- | | -- | | -- | | 2.7 | U | -- | | -- | |
| SODIUM | N/A | -- | | 1,200. | U | -- | | -- | | 1,200. | U | -- | | -- | | -- | | 321. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | **2.5** | U | -- | | -- | | **2.3** | U | -- | | -- | | -- | | **2.8** | U | -- | | -- | |
| VANADIUM | 370. | -- | | 23. | | -- | | -- | | 28.7 | | -- | | -- | | -- | | 35.1 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 57.1 | | -- | | -- | | 60. | | -- | | -- | | -- | | **5,470.** | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | -- | | 14.8 | | -- | | -- | | 0.5 | U |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| AROCLOR 1254 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| AROCLOR 1260 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | **4.** | | -- | | 0.077 | U |
| AROCLOR-1016 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| AROCLOR-1232 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| AROCLOR-1242 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| AROCLOR-1248 | 0.49 | 0.084 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | | 0.18 | U | -- | | 0.077 | U |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 4. | | 0. | | 0. | |

Notes:

-- Not Tested
SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.
U Concentration is below the Reporting Limit as noted.
**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC
Detected above the SCC.
B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 9**
**Soil Analytical Results Summary**
**Main Crock Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MC3-1 | | MC4-1 | | MC4-1 | | MC4-1 | | MC5-1 | | MC5-1 | | MC5-1 | | MC6-1 | | MC6-1 | | MC6-1 | | MC7-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 509964 | | 508988 | | 508988 | | 508988 | | 511722 | | 511722 | | 511722 | | 508987 | | 508987 | | 508987 | | 508986 | |
| Depth | | 9 - 9.5 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 8 - 8.5 | | 8 - 8.5 | | 8 - 8.5 | | 10.5 - 11 | |
| Sampling Date | | 03/11/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/17/04 | | 03/17/04 | | 03/17/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | 25. | U | -- | | -- | | 25. | U | -- | | -- | | 25. | U | -- | | -- | | 25. | U |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | 0.53 | U | -- | | -- | | 0.4 | U | -- | | -- | | 0.44 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | 0.35 | U | -- | | -- | | 0.27 | U | -- | | -- | | 0.29 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | 0.35 | U | -- | | -- | | 0.27 | U | -- | | -- | | 0.29 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| ACETONE | 100. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| BENZENE | 1. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | 0.35 | U | -- | | -- | | 0.27 | U | -- | | -- | | 0.29 | U | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.53 | U | -- | | -- | | 0.4 | U | -- | | -- | | 0.44 | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | 0.7 | U | -- | | -- | | 0.54 | U | -- | | -- | | 0.58 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | 0.7 | U | -- | | -- | | 0.54 | U | -- | | -- | | 0.58 | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | 0.18 | U | -- | | -- | | 0.13 | U | -- | | -- | | 0.14 | U | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | 0.88 | U | -- | | -- | | 0.67 | U | -- | | -- | | 0.73 | U | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TATAL NON-TARGETED VOCS | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 5,980. | | -- | | 10,300. | | -- | | -- | | 12,700. | | -- | | -- | | 12,600. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | 1.6 | U | -- | | 2.5 | U | -- | | -- | | 1.7 | U | -- | | -- | | 2.5 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | 1. | B | -- | | 3.6 | B | -- | | -- | | 1.3 | B | -- | | -- | | 2.7 | B | -- | | -- | |
| BARIUM AS TOTAL | 700. | 35.4 | B | -- | | 138. | | -- | | -- | | 29.5 | B | -- | | -- | | 129. | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.42 | B | -- | | 1.2 | | -- | | -- | | 0.51 | | -- | | -- | | 1.3 | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | 1.1 | U | -- | | 1.2 | U | -- | | -- | | 1.2 | U | -- | | -- | | 0.38 | B | -- | | -- | |
| CALCIUM | N/A | 693. | B | -- | | 1,390. | | -- | | -- | | 870. | B | -- | | -- | | 4,310. | | -- | | -- | |
| CHROMIUM | 120,000. | 18.6 | | -- | | 19.5 | | -- | | -- | | 32.4 | | -- | | -- | | 27.9 | | -- | | -- | |
| COBALT | N/A | 3.9 | B | -- | | 10.5 | B | -- | | -- | | 3.3 | B | -- | | -- | | 10.7 | B | -- | | -- | |
| COPPER AS TOTAL | 600. | 5.7 | | -- | | 11.9 | | -- | | -- | | 15.1 | | -- | | -- | | 26.2 | | -- | | -- | |
| IRON | N/A | 15,700. | | -- | | 30,100. | | -- | | -- | | 21,100. | | -- | | -- | | 32,600. | | -- | | -- | |
| LEAD AS TOTAL | 400. | 4.4 | | -- | | 16.4 | | -- | | -- | | 5.8 | | -- | | -- | | 13.5 | | -- | | -- | |
| MAGNESIUM | N/A | 856. | B | -- | | 2,860. | | -- | | -- | | 610. | B | -- | | -- | | 1,740. | | -- | | -- | |
| MANGANESE | N/A | 153. | | -- | | 525. | | -- | | -- | | 53.5 | | -- | | -- | | 683. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | 0.021 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U |
| NICKEL AS TOTAL | 250. | 6.2 | B | -- | | 14.7 | | -- | | -- | | 6.6 | B | -- | | -- | | 32.2 | | -- | | -- | |
| POTASSIUM | N/A | 321. | B | -- | | 2,120. | | -- | | -- | | 159. | B | -- | | -- | | 1,450. | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | 1.1 | U | -- | | 1.2 | U | -- | | -- | | 1.2 | U | -- | | -- | | 1.2 | B | -- | | -- | |
| SILVER AS TOTAL | 110. | 1.1 | U | -- | | 2.4 | U | -- | | -- | | 1.3 | U | -- | | -- | | 2.4 | U | -- | | -- | |
| SODIUM | N/A | 101. | B | -- | | 296. | B | -- | | -- | | 101. | B | -- | | -- | | 1,200. | U | -- | | -- | |
| THALLIUM AS TOTAL | 2. | **2.1** | U | -- | | **2.5** | U | -- | | -- | | **2.3** | U | -- | | -- | | **2.5** | U | -- | | -- | |
| VANADIUM | 370. | 21.9 | | -- | | 24.8 | | -- | | -- | | 41.4 | | -- | | -- | | 32.8 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | 11.9 | | -- | | 45.5 | | -- | | -- | | 8. | | -- | | -- | | 57.6 | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | 0.5 | U |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR 1254 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR 1260 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR-1016 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR-1232 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR-1242 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| AROCLOR-1248 | 0.49 | -- | | 0.083 | U | -- | | -- | | 0.086 | U | -- | | -- | | 0.082 | U | -- | | -- | | 0.079 | U |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested
SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.
U Concentration is below the Reporting Limit as noted.
**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC
Detected above the SCC.
B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 9**
**Soil Analytical Results Summary**
**Main Crock Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MC7-1 | | MC7-1 | | MC8-1 | | MC8-1 | | MC8-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 508986 | | 508986 | | 508984 | | 508984 | | 508984 | |
| **Depth** | | 10.5 - 11 | | 10.5 - 11 | | 10.5 - 11 | | 10.5 - 11 | | 10.5 - 11 | |
| **Sampling Date** | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 500.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 25. | U | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | **1.4** | U | -- | | -- | | 0.16 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | **4.1** | U | -- | | -- | | 0.49 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | 2.7 | U | -- | | -- | | 0.32 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | **2.7** | U | -- | | -- | | 0.32 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | 1.4 | U | -- | | -- | | 0.16 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 2-BUTANONE | 50. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| ACETONE | 100. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| BENZENE | 1. | -- | | **1.4** | U | -- | | -- | | 0.16 | U |
| BROMODICHLOROMETHANE | 1. | -- | | **1.4** | U | -- | | -- | | 0.16 | U |
| BROMOMETHANE | 1. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| CARBON DISULFIDE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CARBON TETRACHLORIDE | 1. | -- | | **2.7** | U | -- | | -- | | 0.32 | U |
| CFC-11 | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CFC-12 | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CHLOROBENZENE | 1. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| CHLOROETHANE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CHLOROFORM | 1. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| CHLOROMETHANE | 10. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| CYCLOHEXANE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| DICHLOROMETHANE | 1. | -- | | **4.1** | U | -- | | -- | | 0.49 | U |
| ETHYLBENZENE | 100. | -- | | 1.7 | J | -- | | -- | | 0.65 | U |
| ISOPROPYLBENZENE | N/A | -- | | 44. | | -- | | -- | | 0.81 | U |
| M-DICHLOROBENZENE | 100. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| METHYL ACETATE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| METHYLBENZENE | 500. | -- | | 0.89 | J | -- | | -- | | 0.81 | U |
| METHYLCYLOHEXANE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| STYRENE (MONOMER) | 23. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| TETRACHLOROETHENE | 1. | -- | | **1.4** | U | -- | | -- | | 0.16 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | 6.9 | U | -- | | -- | | 0.81 | U |
| TRIBOMOMETHANE | 1. | -- | | **5.5** | U | -- | | -- | | 0.65 | U |
| TRICHLOROETHYLENE | 1. | -- | | **1.4** | U | -- | | -- | | 0.16 | U |
| VINYL CHLORIDE | 2. | -- | | **6.9** | U | -- | | -- | | 0.81 | U |
| Xylene (Total) | 67. | -- | | 34. | | -- | | -- | | 0.81 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 80.59 | | 0. | | 0. | | 0. | |
| TATAL NON-TARGETED VOCS | | | | 1,111. | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 1,191.59 | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | |
| ALUMINUM | N/A | 5,740. | | -- | | -- | | 8,590. | | -- | |
| ANTIMONY AS TOTAL | 14. | 2.4 | U | -- | | -- | | 2.5 | U | -- | |
| ARSENIC AS TOTAL | 20. | 0.88 | B | -- | | -- | | 4.6 | B | -- | |
| BARIUM AS TOTAL | 700. | 14. | B | -- | | -- | | 55.5 | | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.3 | B | -- | | -- | | 0.58 | | -- | |
| CADMIUM AS TOTAL | 39. | 1.2 | U | -- | | -- | | 1.2 | U | -- | |
| CALCIUM | N/A | 1,400. | | -- | | -- | | 4,300. | | -- | |
| CHROMIUM | 120,000. | 13.5 | | -- | | -- | | 14.1 | | -- | |
| COBALT | N/A | 2. | B | -- | | -- | | 4.8 | B | -- | |
| COPPER AS TOTAL | 600. | 7.9 | | -- | | -- | | 13.2 | | -- | |
| IRON | N/A | 11,700. | | -- | | -- | | 14,300. | | -- | |
| LEAD AS TOTAL | 400. | 154. | | -- | | -- | | 14.8 | | -- | |
| MAGNESIUM | N/A | 500. | B | -- | | -- | | 1,500. | | -- | |
| MANGANESE | N/A | 123. | | -- | | -- | | 292. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | 48.5 | | -- | | -- | | 9.5 | B | -- | |
| POTASSIUM | N/A | 189. | B | -- | | -- | | 617. | B | -- | |
| SELENIUM AS TOTAL | 63. | 1.2 | U | -- | | -- | | 1.2 | U | -- | |
| SILVER AS TOTAL | 110. | 2.4 | U | -- | | -- | | 2.4 | U | -- | |
| SODIUM | N/A | 1,200. | U | -- | | -- | | 196. | B | -- | |
| THALLIUM AS TOTAL | 2. | **2.3** | U | -- | | -- | | **2.5** | U | -- | |
| VANADIUM | 370. | 21.4 | | -- | | -- | | 20.7 | | -- | |
| ZINC AS TOTAL | 1,500. | 37.2 | | -- | | -- | | 29.8 | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | 0.5 | U | -- | | -- | |
| **PCBs** | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | 0.083 | U | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 10**
**Soil Analytical Results Summary**
**Lateral Pipe Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | L1-1 | | L1-1 | | L1-1 | | L1-2 | | L1-2 | | L1-2 | | L4-1 | | L4-1 | | L4-1 | | L4-2 | | L4-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 508993 | | 508993 | | 508993 | | 508992 | | 508992 | | 508992 | | 508148 | | 508148 | | 508148 | | 510563 | | 510563 | |
| Depth | | 4.5 - 5 | | 4.5 - 5 | | 4.5 - 5 | | 5.5 - 6 | | 5.5 - 6 | | 5.5 - 6 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 6 - 6.5 | | 6 - 6.5 | |
| Sampling Date | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/09/04 | | 03/05/04 | | 03/05/04 | | 03/05/04 | | 03/12/04 | | 03/12/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 41.9 | | -- | | -- | | 84.8 | | -- | | -- | | 25. | U | -- | | -- | | 25. | U | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.048 | U | -- | | -- | | 0.061 | U | -- | | -- | | 0.054 | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.028 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.022 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.032 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.036 | U | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.031 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.038 | U | -- | | -- | | 0.049 | U | -- | | -- | | 0.043 | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.04 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.045 | U | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.02 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.018 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.02 | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.015 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.023 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.026 | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.026 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| 2-BUTANONE | 50. | -- | | -- | | 0.26 | U | -- | | -- | | 0.33 | U | -- | | -- | | 0.29 | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.15 | U | -- | | -- | | 0.19 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| ACETONE | 100. | -- | | -- | | 0.24 | U | -- | | -- | | 0.31 | U | -- | | -- | | 0.28 | U | -- | | -- | |
| BENZENE | 1. | -- | | -- | | 0.027 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.031 | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.01 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| BROMOMETHANE | 1. | -- | | -- | | 0.042 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.047 | U | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.033 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.038 | U | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.05 | U | -- | | -- | | 0.064 | U | -- | | -- | | 0.056 | U | -- | | -- | |
| CFC-11 | N/A | -- | | -- | | 0.045 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.051 | U | -- | | -- | |
| CFC-12 | N/A | -- | | -- | | 0.051 | U | -- | | -- | | 0.066 | U | -- | | -- | | 0.058 | U | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.043 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.048 | U | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.022 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| CHLOROETHANE | N/A | -- | | -- | | 0.06 | U | -- | | -- | | 0.077 | U | -- | | -- | | 0.068 | U | -- | | -- | |
| CHLOROFORM | 1. | -- | | -- | | 0.022 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | 0.07 | U | -- | | -- | | 0.09 | U | -- | | -- | | 0.079 | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.029 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.032 | U | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.03 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.033 | U | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | 0.051 | U | -- | | -- | | 0.065 | U | -- | | -- | | 0.058 | U | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.017 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.019 | U | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | 0.023 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.034 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.038 | U | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.022 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| METHYL ACETATE | N/A | -- | | -- | | 0.061 | U | -- | | -- | | 0.078 | U | -- | | -- | | 0.068 | U | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.14 | U | -- | | -- | | 0.18 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.037 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.042 | U | -- | | -- | |
| METHYLBENZENE | 500. | -- | | -- | | 0.022 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.046 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.052 | U | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.021 | U | -- | | -- | | 0.027 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.044 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.051 | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.027 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.012 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.013 | U | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.031 | U | -- | | -- | | 0.039 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.037 | U | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.049 | U | -- | | -- | | 0.063 | U | -- | | -- | | 0.055 | U | -- | | -- | |
| Xylene (Total) | 67. | -- | | -- | | 0.03 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 7,990. | | -- | | -- | | 8,220. | | -- | | -- | | 9,510. | | -- | | -- | | 6,050. | |
| ANTIMONY AS TOTAL | 14. | -- | | 0.87 | U | -- | | -- | | 1. | U | -- | | -- | | 1.3 | U | -- | | -- | | 0.95 | U |
| ARSENIC AS TOTAL | 20. | -- | | 1.3 | B | -- | | -- | | 0.87 | B | -- | | -- | | 1.5 | | -- | | -- | | 0.83 | U |
| BARIUM AS TOTAL | 700. | -- | | 123. | | -- | | -- | | 146. | | -- | | -- | | 113. | | -- | | -- | | 89.9 | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.5 | | -- | | -- | | 1.3 | | -- | | -- | | 0.95 | | -- | | -- | | 0.66 | |
| CADMIUM AS TOTAL | 39. | -- | | 0.16 | B | -- | | -- | | 0.23 | B | -- | | -- | | 0.4 | B | -- | | -- | | 0.097 | U |
| CALCIUM | N/A | -- | | 1,510. | | -- | | -- | | 1,700. | | -- | | -- | | 1,080. | B | -- | | -- | | 776. | B |
| CHROMIUM | 120,000. | -- | | 63.5 | | -- | | -- | | 25.6 | | -- | | -- | | 21.2 | | -- | | -- | | 18.5 | |
| COBALT | N/A | -- | | 11.5 | | -- | | -- | | 8.4 | B | -- | | -- | | 10.3 | B | -- | | -- | | 4.7 | B |
| COPPER AS TOTAL | 600. | -- | | 12.9 | | -- | | -- | | 51.7 | | -- | | -- | | 5.2 | B | -- | | -- | | 2.7 | B |
| IRON | N/A | -- | | 19,500. | | -- | | -- | | 19,600. | | -- | | -- | | 22,700. | | -- | | -- | | 17,300. | |
| LEAD AS TOTAL | 400. | -- | | 26.7 | | -- | | -- | | 69.6 | | -- | | -- | | 14.2 | | -- | | -- | | 8.2 | |
| MAGNESIUM | N/A | -- | | 1,980. | | -- | | -- | | 2,020. | | -- | | -- | | 2,380. | | -- | | -- | | 903. | B |
| MANGANESE | N/A | -- | | 1,210. | | -- | | -- | | 895. | | -- | | -- | | 434. | | -- | | -- | | 340. | |
| MERCURY AS TOTAL | 14. | 0.019 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.02 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | 46.2 | | -- | | -- | | 16.1 | | -- | | -- | | 12.8 | | -- | | -- | | 6. | B |
| POTASSIUM | N/A | -- | | 2,150. | | -- | | -- | | 169. | B | -- | | -- | | 1,250. | | -- | | -- | | 431. | B |
| SELENIUM AS TOTAL | 63. | -- | | 0.87 | U | -- | | -- | | 1. | U | -- | | -- | | 0.96 | U | -- | | -- | | 0.95 | U |
| SILVER AS TOTAL | 110. | -- | | 0.16 | U | -- | | -- | | 0.18 | U | -- | | -- | | 0.32 | U | -- | | -- | | 0.17 | U |
| SODIUM | N/A | -- | | 136. | B | -- | | -- | | 110. | B | -- | | -- | | 281. | B | -- | | -- | | 87.8 | U |
| THALLIUM AS TOTAL | 2. | -- | | 0.98 | U | -- | | -- | | 1.1 | U | -- | | -- | | 1.1 | U | -- | | -- | | 1.1 | U |
| VANADIUM | 370. | -- | | 11.3 | | -- | | -- | | 20.7 | | -- | | -- | | 20.3 | | -- | | -- | | 33.5 | |
| ZINC AS TOTAL | 1,500. | -- | | 43.5 | | -- | | -- | | 44.6 | | -- | | -- | | 31.2 | | -- | | -- | | 12.8 | |
| **CHROMIUM, HEXAVALENT** | 20. | 18.2 | | -- | | -- | | 2. | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.031 | U | -- | | 0.017 | U | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.009 | U | -- | | 0.005 | U | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | **2.2** | | -- | | 0.016 | U | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.049 | U | -- | | 0.027 | U | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.029 | U | -- | | 0.016 | U | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.021 | U | -- | | 0.012 | U | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.04 | U | -- | | 0.022 | U | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.022 | U | -- | | 0.012 | U | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.049 | U | -- | | 0.027 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 2.2 | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero |

**TABLE 10**
**Soil Analytical Results Summary**
**Lateral Pipe Samples**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | L4-2 | | L5-1 | | L5-1 | | L5-1 | | L5-1 | | L5-1 | | L6-1 | | L6-1 | | L7-1 | | L7-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 510563 | | 509960 | | 509960 | | 509960 | | 509961 | | 509961 | | 509961 | | 509959 | | 509959 | | 508146 | | 508146 | |
| Depth | | 6 - 6.5 | | 4 - 4.5 | | 4 - 4.5 | | 4 - 4.5 | | 7 - 7.5 | | 7 - 7.5 | | 7 - 7.5 | | 8 - 8.5 | | 8 - 8.5 | | 8.75 - 9.25 | | 8.75 - 9.25 | |
| Sampling Date | | 03/12/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/10/04 | | 03/05/04 | | 03/05/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 50.0 | | 1.0 | | 2.0 | | 12.5 | | 1.0 | | 2.0 | | 5.0 | | 1.0 | | 2.0 | | 1.0 | | 2.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | **13,900.** | | -- | | -- | | 1,910. | | 25. | U | -- | | 25. | U | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | 0.056 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | 0.036 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | 0.045 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | 0.046 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | 0.3 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | 0.17 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETONE | 100. | 0.29 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZENE | 1. | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | 0.049 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | 0.039 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | 0.058 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | 0.053 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | 0.06 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | 0.05 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | 0.071 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | 0.082 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | 0.033 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | 0.06 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | 0.027 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | 0.04 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | 0.071 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | 0.16 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | 0.044 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | 0.026 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | 0.054 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | 0.051 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | 0.014 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | 0.036 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | 0.058 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | -- | | 4,880. | | -- | | -- | | 7,010. | | -- | | -- | | 12,900. | | -- | | 9,530. | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | 1.4 | U | -- | | -- | | 0.87 | U | -- | | -- | | 1.4 | U | -- | | 1.5 | U |
| ARSENIC AS TOTAL | 20. | -- | | -- | | 0.77 | U | -- | | -- | | 1.6 | B | -- | | -- | | 3.4 | | -- | | 0.81 | U |
| BARIUM AS TOTAL | 700. | -- | | -- | | 298. | | -- | | -- | | 106. | | -- | | -- | | 108. | | -- | | 162. | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | 1. | | -- | | -- | | 1.1 | | -- | | -- | | 1.3 | | -- | | 0.66 | |
| CADMIUM AS TOTAL | 39. | -- | | -- | | 0.096 | U | -- | | -- | | 0.09 | U | -- | | -- | | 0.097 | U | -- | | 0.42 | B |
| CALCIUM | N/A | -- | | -- | | 856. | B | -- | | -- | | 1,040. | B | -- | | -- | | 915. | B | -- | | 361. | B |
| CHROMIUM | 120,000. | -- | | -- | | 34.1 | | -- | | -- | | 31.6 | | -- | | -- | | 28.9 | | -- | | 74.1 | |
| COBALT | N/A | -- | | -- | | 12.7 | | -- | | -- | | 6. | B | -- | | -- | | 19.1 | | -- | | 5.3 | B |
| COPPER AS TOTAL | 600. | -- | | -- | | 50.7 | | -- | | -- | | 26. | | -- | | -- | | 6.9 | | -- | | 3.9 | B |
| IRON | N/A | -- | | -- | | 9,860. | | -- | | -- | | 29,100. | | -- | | -- | | 35,800. | | -- | | 25,700. | |
| LEAD AS TOTAL | 400. | -- | | -- | | 15.4 | | -- | | -- | | 12.9 | | -- | | -- | | 18.4 | | -- | | 14. | |
| MAGNESIUM | N/A | -- | | -- | | 837. | B | -- | | -- | | 1,750. | | -- | | -- | | 1,660. | | -- | | 459. | B |
| MANGANESE | N/A | -- | | -- | | 983. | | -- | | -- | | 399. | | -- | | -- | | 1,120. | | -- | | 372. | |
| MERCURY AS TOTAL | 14. | -- | | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.02 | U | -- | | 0.021 | U | -- | |
| NICKEL AS TOTAL | 250. | -- | | -- | | 14.3 | | -- | | -- | | 12.3 | | -- | | -- | | 18.4 | | -- | | 94.2 | |
| POTASSIUM | N/A | -- | | -- | | 295. | B | -- | | -- | | 1,210. | | -- | | -- | | 927. | B | -- | | 216. | B |
| SELENIUM AS TOTAL | 63. | -- | | -- | | 1. | U | -- | | -- | | 0.87 | U | -- | | -- | | 1. | U | -- | | 1.1 | U |
| SILVER AS TOTAL | 110. | -- | | -- | | 0.34 | U | -- | | -- | | 0.16 | U | -- | | -- | | 0.34 | U | -- | | 0.35 | U |
| SODIUM | N/A | -- | | -- | | 125. | B | -- | | -- | | 137. | B | -- | | -- | | 185. | B | -- | | 176. | B |
| THALLIUM AS TOTAL | 2. | -- | | -- | | 1.1 | U | -- | | -- | | 0.99 | U | -- | | -- | | 1.1 | U | -- | | 1.2 | U |
| VANADIUM | 370. | -- | | -- | | 11.8 | | -- | | -- | | 30.2 | | -- | | -- | | 31.8 | | -- | | 37.6 | |
| ZINC AS TOTAL | 1,500. | -- | | -- | | 40.1 | | -- | | -- | | 21.3 | | -- | | -- | | 65.7 | | -- | | 15. | |
| **CHROMIUM, HEXAVALENT** | 20. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | 0.5 | U | -- | | -- | | 0.5 | U | -- | | -- | | 1.5 | | -- | | 0.5 | U | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.017 | U | -- | | 0.018 | U | -- | |
| AROCLOR 1254 | 0.49 | -- | | 0.005 | U | -- | | -- | | 0.004 | U | -- | | -- | | 0.005 | U | -- | | 0.005 | U | -- | |
| AROCLOR 1260 | 0.49 | -- | | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U | -- | | 0.016 | U | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.028 | U | -- | |
| AROCLOR-1016 | 0.49 | -- | | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U | -- | | 0.016 | U | -- | |
| AROCLOR-1232 | 0.49 | -- | | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.011 | U | -- | | 0.012 | U | -- | |
| AROCLOR-1242 | 0.49 | -- | | 0.022 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.022 | U | -- | | 0.022 | U | -- | |
| AROCLOR-1248 | 0.49 | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.012 | U | -- | | 0.012 | U | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | 0.028 | U | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | 304-1 | | 304-1 | | 304-1 | | 304-2 | | 304-2 | | 304-2 | | 305-1 | | 305-1 | | 305-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512937 | | 512937 | | 512937 | | 512939 | | 512939 | | 512939 | | 512940 | | 512940 | | 512940 | |
| Depth | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 0.5 - 1 | | 0.5 - 1 | | 0.5 - 1 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | |
| Sampling Date | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | 0.055 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.051 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | 0.033 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.03 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.034 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.034 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | 0.044 | U | -- | | -- | | 0.043 | U | -- | | -- | | 0.041 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | 0.045 | U | -- | | -- | | 0.045 | U | -- | | -- | | 0.042 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | 0.023 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.019 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.028 | U |
| 2-BUTANONE | 50. | -- | | -- | | 0.29 | U | -- | | -- | | 0.29 | U | -- | | -- | | 0.27 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | 0.17 | U | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U |
| ACETONE | 100. | -- | | -- | | 0.28 | U | -- | | -- | | 0.28 | U | -- | | -- | | 0.26 | U |
| BENZENE | 1. | -- | | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.029 | U |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U |
| BROMOMETHANE | 1. | -- | | -- | | 0.048 | U | -- | | -- | | 0.047 | U | -- | | -- | | 0.044 | U |
| CARBON DISULFIDE | N/A | -- | | -- | | 0.038 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.035 | U |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | 0.056 | U | -- | | -- | | 0.056 | U | -- | | -- | | 0.054 | U |
| CFC-11 | N/A | -- | | -- | | 0.051 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.048 | U |
| CFC-12 | N/A | -- | | -- | | 0.059 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.055 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | 0.048 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.045 | U |
| CHLOROBENZENE | 1. | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.011 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U |
| CHLOROETHANE | N/A | -- | | -- | | 0.069 | U | -- | | -- | | 0.068 | U | -- | | -- | | 0.064 | U |
| CHLOROFORM | 1. | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.023 | U |
| CHLOROMETHANE | 10. | -- | | -- | | 0.08 | U | -- | | -- | | 0.079 | U | -- | | -- | | 0.075 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.03 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.034 | U | -- | | -- | | 0.033 | U | -- | | -- | | 0.032 | U |
| CYCLOHEXANE | N/A | -- | | -- | | 0.058 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.054 | U |
| DICHLOROMETHANE | 1. | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.018 | U |
| ETHYLBENZENE | 100. | -- | | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.024 | U |
| ISOPROPYLBENZENE | N/A | -- | | -- | | 0.039 | U | -- | | -- | | 0.038 | U | -- | | -- | | 0.036 | U |
| M-DICHLOROBENZENE | 100. | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | | 0.023 | U |
| METHYL ACETATE | N/A | -- | | -- | | 0.069 | U | -- | | -- | | 0.068 | U | -- | | -- | | 0.064 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | | 0.15 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | 0.042 | U | -- | | -- | | 0.042 | U | -- | | -- | | 0.19 | J |
| METHYLBENZENE | 500. | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U |
| METHYLCYLOHEXANE | N/A | -- | | -- | | 0.052 | U | -- | | -- | | 0.052 | U | -- | | -- | | 0.049 | U |
| STYRENE (MONOMER) | 23. | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| TETRACHLOROETHENE | 1. | -- | | -- | | 0.051 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.047 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.028 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | 0.013 | U | -- | | -- | | 0.013 | U | -- | | -- | | 0.012 | U |
| TRIBOMOMETHANE | 1. | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.033 | U |
| TRICHLOROETHYLENE | 1. | -- | | -- | | 0.037 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.035 | U |
| VINYL CHLORIDE | 2. | -- | | -- | | 0.056 | U | -- | | -- | | 0.055 | U | -- | | -- | | 0.052 | U |
| Xylene (Total) | 67. | -- | | -- | | 0.034 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.032 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.19 | |
| TOTAL NON - TARGETED VOCS | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0.19 | |
| **SEMIVOLATILE ORGANIC COMPOUNDS ( SVOCS)** | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | 0.027 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | 0.08 | U | -- | | -- | | 0.074 | U | -- | | -- | | 0.074 | U | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | 0.036 | U | -- | | -- | | 0.034 | U | -- | | -- | | 0.034 | U | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | 0.055 | U | -- | | -- | | 0.051 | U | -- | | -- | | 0.051 | U | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | 0.039 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | 0.058 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.054 | U | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | 0.017 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | 0.027 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | |
| 2-CHLOROPHENOL | 10. | 0.052 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.048 | U | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | 0.093 | J | -- | | -- | | 0.018 | U | -- | | -- | | 0.01 | J | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | 0.038 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | |
| 2-NITROANILINE | N/A | 0.03 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.028 | U | -- | | -- | |
| 2-NITROPHENOL | N/A | 0.042 | U | -- | | -- | | 0.039 | U | -- | | -- | | 0.039 | U | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | 0.17 | U | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | 0.032 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | | -- | |
| 3-NITROANILINE | N/A | 0.025 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.023 | U | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | 0.06 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.057 | U | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.021 | U | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | 0.024 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | 0.042 | U | -- | | -- | | 0.039 | U | -- | | -- | | 0.03 | J | -- | | -- | |
| 4-NITROPHENOL | N/A | 0.013 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| ACENAPHTHENE | 100. | 0.012 | J | -- | | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | |
| ACENAPHTHYLENE | N/A | 0.041 | J | -- | | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | |
| ACETOPHENONE | N/A | 0.01 | J | -- | | -- | | 0.018 | U | -- | | -- | | 0.018 | U | -- | | -- | |
| ANTHRACENE | 100. | 0.051 | J | -- | | -- | | 0.02 | J | -- | | -- | | 0.003 | U | -- | | -- | |
| ATRAZINE | N/A | 0.033 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | |
| BENZALDEHYDE | N/A | 0.025 | J | -- | | -- | | 0.038 | J | -- | | -- | | 0.044 | J | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | 0.069 | | -- | | -- | | 0.052 | | -- | | -- | | 0.02 | J | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | 0.056 | | -- | | -- | | 0.05 | | -- | | -- | | 0.02 | J | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | 0.072 | | -- | | -- | | 0.058 | | -- | | -- | | 0.02 | J | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | 0.055 | J | -- | | -- | | 0.047 | J | -- | | -- | | 0.016 | J | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | 0.004 | U | -- | | -- | | 0.004 | U | -- | | -- | | 0.023 | J | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| BIPHENYL | N/A | 0.016 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | 0.03 | U | -- | | -- | | 0.028 | U | -- | | -- | | 0.028 | U | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | 0.034 | U | -- | | -- | | 0.031 | U | -- | | -- | | 0.031 | U | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | 0.36 | J | -- | | -- | | 0.89 | | -- | | -- | | 0.14 | J | -- | | -- | |
| CAPROLACTAM | N/A | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | | -- | |
| CARBAZOLE | N/A | 0.016 | J | -- | | -- | | 0.012 | J | -- | | -- | | 0.003 | U | -- | | -- | |
| CHRYSENE | 9. | 0.13 | J | -- | | -- | | 0.082 | J | -- | | -- | | 0.033 | J | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | 0.023 | J | -- | | -- | | 0.015 | J | -- | | -- | | 0.003 | U | -- | | -- | |
| DIBENZOFURAN | N/A | 0.044 | J | -- | | -- | | 0.009 | J | -- | | -- | | 0.02 | U | -- | | -- | |
| DIETHYL PHTHALATE | 50. | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.01 | U | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | 0.018 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.017 | U | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | 0.019 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.017 | U | -- | | -- | |
| FLUORANTHENE | 100. | 0.13 | J | -- | | -- | | 0.11 | J | -- | | -- | | 0.04 | J | -- | | -- | |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 304-1 | | 304-1 | | 304-1 | | 304-2 | | 304-2 | | 304-2 | | 305-1 | | 305-1 | | 305-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512937 | | 512937 | | 512937 | | 512939 | | 512939 | | 512939 | | 512940 | | 512940 | | 512940 | |
| **Depth** | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 0.5 - 1 | | 0.5 - 1 | | 0.5 - 1 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| FLUORENE | 100. | 0.044 | J | -- | | -- | | 0.011 | J | -- | | -- | | 0.003 | U | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | 0.04 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | 0.061 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.057 | U | -- | | -- | |
| HEXACHLOROETHANE | 6. | 0.015 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | 0.042 | J | -- | | -- | | 0.04 | | -- | | -- | | 0.015 | J | -- | | -- | |
| NAPHTHALENE | 100. | 0.16 | J | -- | | -- | | 0.014 | J | -- | | -- | | 0.017 | J | -- | | -- | |
| NITROBENZENE | 10. | 0.024 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | 0.016 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | 0.019 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.018 | U | -- | | -- | |
| P-CHLOROANILINE | 230. | 0.05 | U | -- | | -- | | 0.046 | U | -- | | -- | | 0.046 | U | -- | | -- | |
| PENTACHLOROPHENOL | 6. | 0.078 | U | -- | | -- | | 0.073 | U | -- | | -- | | 0.073 | U | -- | | -- | |
| PHENANTHRENE | N/A | 0.21 | J | -- | | -- | | 0.086 | J | -- | | -- | | 0.029 | J | -- | | -- | |
| PHENOL | 50. | 0.056 | U | -- | | -- | | 0.052 | U | -- | | -- | | 0.052 | U | -- | | -- | |
| P-NITROANILINE | N/A | 0.02 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | |
| PYRENE | 100. | 0.13 | J | -- | | -- | | 0.12 | J | -- | | -- | | 0.036 | J | -- | | -- | |
| TOTAL TARGETED SVOCS | | 1.773 | | 0. | | 0. | | 1.654 | | 0. | | 0. | | 0.493 | | 0. | | 0. | |
| TOAL NON- TARGET SVOCS | | 1.6 | | | | | | 10.41 | | | | | | 4.16 | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 3.373 | | 0. | | 0. | | 12.064 | | 0. | | 0. | | 4.653 | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 7,420. | | -- | | -- | | 6,070. | | -- | | -- | | 8,190. | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 3.4 | | -- | | -- | | 3.1 | | -- | | -- | | 3.9 | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 174. | | -- | | -- | | 198. | | -- | | -- | | 83.1 | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.1 | U | -- | | -- | | 0.093 | U | -- | | -- | | 0.093 | U | -- | |
| CALCIUM | N/A | -- | | 6,480. | | -- | | -- | | 13,500. | | -- | | -- | | 1,490. | | -- | |
| CHROMIUM | 120,000. | -- | | 20.1 | | -- | | -- | | 17.2 | | -- | | -- | | 9.9 | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 19,300. | | -- | | -- | | 18,100. | | -- | | -- | | 10,800. | | -- | |
| LEAD AS TOTAL | 400. | -- | | 43.6 | | -- | | -- | | 67.2 | | -- | | -- | | 13.4 | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 622. | | -- | | -- | | 463. | | -- | | -- | | 519. | | -- | |
| MERCURY AS TOTAL | 14. | 0.021 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.02 | B | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 20.9 | | -- | | -- | | 19. | | -- | | -- | | 6.9 | B | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 469. | B | -- | | -- | | 253. | B | -- | | -- | | 318. | B | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 218. | | -- | | -- | | 522. | | -- | | -- | | 22.8 | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.018 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | |
| AROCLOR 1254 | 0.49 | 0.005 | U | -- | | -- | | 0.004 | U | -- | | -- | | 0.004 | U | -- | | -- | |
| AROCLOR 1260 | 0.49 | 0.016 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.016 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | |
| AROCLOR-1232 | 0.49 | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | |
| AROCLOR-1242 | 0.49 | 0.023 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.021 | U | -- | | -- | |
| AROCLOR-1248 | 0.49 | 0.013 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | 305-1 | | 305-1 | | 305-2 | | 305-2 | | 305-2 | | 305-2 | | 305-2 | | 305-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512941 | | 512941 | | 512942 | | 512942 | | 512942 | | 512943 | | 512943 | | 512945 | |
| Depth | | 3.5 - 4 | | 3.5 - 4 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 7 - 7.5 | | 7 - 7.5 | | 1 - 1.5 | |
| Sampling Date | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | 0.051 | U | -- | | -- | | 0.057 | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.033 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.026 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | 0.034 | U | -- | | -- | | 0.038 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.037 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | 0.041 | U | -- | | -- | | 0.045 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | 0.042 | U | -- | | -- | | 0.047 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.024 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | 0.019 | U | -- | | -- | | 0.021 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.015 | U | -- | | -- | | 0.018 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.026 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | 0.028 | U | -- | | -- | | 0.031 | U | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | 0.27 | U | -- | | -- | | 0.3 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | 0.16 | U | -- | | -- | | 0.17 | U | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | 0.26 | U | -- | | -- | | 0.29 | U | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.031 | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.044 | U | -- | | -- | | 0.05 | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.04 | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | 0.052 | U | -- | | -- | | 0.06 | U | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | 0.048 | U | -- | | -- | | 0.053 | U | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | 0.055 | U | -- | | -- | | 0.061 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | 0.045 | U | -- | | -- | | 0.05 | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | 0.011 | U | -- | | -- | | 0.013 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.027 | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | 0.064 | U | -- | | -- | | 0.072 | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.026 | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | 0.075 | U | -- | | -- | | 0.083 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.034 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.035 | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | 0.054 | U | -- | | -- | | 0.061 | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | 0.017 | U | -- | | -- | | 0.02 | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.027 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | 0.036 | U | -- | | -- | | 0.04 | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.026 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | 0.064 | U | -- | | -- | | 0.072 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | 0.15 | U | -- | | -- | | 0.17 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | 0.04 | U | -- | | -- | | 0.044 | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.026 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | 0.049 | U | -- | | -- | | 0.054 | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | 0.022 | U | -- | | -- | | 0.025 | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.051 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | 0.028 | U | -- | | -- | | 0.032 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | 0.012 | U | -- | | -- | | 0.014 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.037 | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.037 | U | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | 0.052 | U | -- | | -- | | 0.058 | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.035 | U | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON - TARGETED VOCS | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **SEMIVOLATILE ORGANIC COMPOUNDS ( SVOCS)** | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | 0.026 | U | -- | | 0.026 | U | -- | | -- | | 0.026 | U | -- | | -- | | 0.026 | U |
| 2,4,5-TRICHLOROPHENOL | 50. | 0.076 | U | -- | | 0.076 | U | -- | | -- | | 0.076 | U | -- | | -- | | 0.076 | U |
| 2,4,6-TRICHLOROPHENOL | 10. | 0.035 | U | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U |
| 2,4-DICHLOROPHENOL | 10. | 0.052 | U | -- | | 0.052 | U | -- | | -- | | 0.052 | U | -- | | -- | | 0.052 | U |
| 2,4-DIMETHYLPHENOL | 10. | 0.037 | U | -- | | 0.037 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.037 | U |
| 2,4-DINITROPHENOL | 10. | 0.054 | U | -- | | 0.054 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.054 | U |
| 2,4-DINITROTOLUENE | N/A | 0.016 | U | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| 2,6-DINITROTOLUENE | N/A | 0.016 | U | -- | | 0.015 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| 2-CHLORONAPHTHALENE | N/A | 0.025 | U | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U |
| 2-CHLOROPHENOL | 10. | 0.05 | U | -- | | 0.05 | U | -- | | -- | | 0.05 | U | -- | | -- | | 0.05 | U |
| 2-METHYLNAPHTHALENE | N/A | 0.019 | U | -- | | 0.018 | J | -- | | -- | | 0.019 | U | -- | | -- | | 0.012 | J |
| 2-METHYLPHENOL | 2,800. | 0.036 | U | -- | | 0.036 | U | -- | | -- | | 0.036 | U | -- | | -- | | 0.036 | U |
| 2-NITROANILINE | N/A | 0.029 | U | -- | | 0.028 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.029 | U |
| 2-NITROPHENOL | N/A | 0.04 | U | -- | | 0.04 | U | -- | | -- | | 0.04 | U | -- | | -- | | 0.04 | U |
| 3,3-DICHLOROBENZIDINE | 2. | 0.16 | U | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | 0.03 | U | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U |
| 3-NITROANILINE | N/A | 0.024 | U | -- | | 0.023 | U | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | 0.057 | U | -- | | 0.057 | U | -- | | -- | | 0.057 | U | -- | | -- | | 0.057 | U |
| 4-BROMOPHENYL PHENYL ETHER | N/A | 0.022 | U | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U |
| 4-CHLORO-3-METHYLPHENOL | 100. | 0.02 | U | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | 0.022 | U | -- | | 0.022 | U | -- | | -- | | 0.022 | U | -- | | -- | | 0.022 | U |
| 4-METHYLPHENOL | 2,800. | 0.04 | U | -- | | 0.18 | J | -- | | -- | | 0.04 | U | -- | | -- | | 0.15 | J |
| 4-NITROPHENOL | N/A | 0.012 | U | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U |
| ACENAPHTHENE | 100. | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.003 | U |
| ACENAPHTHYLENE | N/A | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.003 | U |
| ACETOPHENONE | N/A | 0.019 | U | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U |
| ANTHRACENE | 100. | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.017 | J |
| ATRAZINE | N/A | 0.032 | U | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U |
| BENZALDEHYDE | N/A | 0.014 | U | -- | | 0.067 | J | -- | | -- | | 0.014 | U | -- | | -- | | 0.042 | J |
| BENZO(A)ANTHRACENE | 0.9 | 0.011 | U | -- | | 0.025 | J | -- | | -- | | 0.012 | J | -- | | -- | | 0.051 | |
| BENZO(A)PYRENE | 0.66 | 0.003 | U | -- | | 0.02 | J | -- | | -- | | 0.013 | J | -- | | -- | | 0.06 | |
| BENZO(B)FLUORANTHENE | 0.9 | 0.003 | U | -- | | 0.024 | J | -- | | -- | | 0.011 | J | -- | | -- | | 0.047 | |
| BENZO(G,H,I)PERYLENE | N/A | 0.004 | U | -- | | 0.018 | J | -- | | -- | | 0.004 | U | -- | | -- | | 0.039 | J |
| BENZO(K)FLUORANTHENE | 0.9 | 0.004 | U | -- | | 0.028 | J | -- | | -- | | 0.017 | J | -- | | -- | | 0.08 | |
| BENZYL BUTYL PHTHALATE | 100. | 0.016 | U | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| BIPHENYL | N/A | 0.016 | U | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| BIS(2-CHLOROETHOXY)METHANE | N/A | 0.029 | U | -- | | 0.029 | U | -- | | -- | | 0.029 | U | -- | | -- | | 0.029 | U |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | 0.032 | U | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | 0.16 | J | -- | | 0.13 | J | -- | | -- | | 0.24 | J | -- | | -- | | 0.12 | J |
| CAPROLACTAM | N/A | 0.025 | U | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U |
| CARBAZOLE | N/A | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.013 | J |
| CHRYSENE | 9. | 0.005 | U | -- | | 0.045 | J | -- | | -- | | 0.021 | J | -- | | -- | | 0.07 | J |
| DIBENZ(A,H)ANTHRACENE | 0.66 | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.014 | J |
| DIBENZOFURAN | N/A | 0.021 | U | -- | | 0.01 | J | -- | | -- | | 0.021 | U | -- | | -- | | 0.021 | U |
| DIETHYL PHTHALATE | 50. | 0.011 | U | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U |
| DIMETHYL PHTHALATE | 50. | 0.017 | U | -- | | 0.017 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.017 | U |
| DI-N-BUTYLPHTHALATE | 100. | 0.012 | U | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U |
| DI-N-OCTYL PHTHALATE | 100. | 0.018 | U | -- | | 0.018 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.018 | U |
| FLUORANTHENE | 100. | 0.001 | U | -- | | 0.055 | J | -- | | -- | | 0.026 | J | -- | | -- | | 0.12 | J |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 305-1 | | 305-1 | | 305-2 | | 305-2 | | 305-2 | | 305-2 | | 305-2 | | 305-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512941 | | 512941 | | 512942 | | 512942 | | 512942 | | 512943 | | 512943 | | 512945 | |
| **Depth** | | 3.5 - 4 | | 3.5 - 4 | | 2 - 2.5 | | 2 - 2.5 | | 2 - 2.5 | | 7 - 7.5 | | 7 - 7.5 | | 1 - 1.5 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| FLUORENE | 100. | 0.003 | U | -- | | 0.003 | U | -- | | -- | | 0.003 | U | -- | | -- | | 0.003 | U |
| HEXACHLORO-1,3-BUTADIENE | 1. | 0.037 | U | -- | | 0.037 | U | -- | | -- | | 0.037 | U | -- | | -- | | 0.037 | U |
| HEXACHLOROBENZENE | 0.66 | 0.015 | U | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U |
| HEXACHLOROCYCLOPENTADIENE | 100. | 0.058 | U | -- | | 0.058 | U | -- | | -- | | 0.058 | U | -- | | -- | | 0.058 | U |
| HEXACHLOROETHANE | 6. | 0.014 | U | -- | | 0.014 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.014 | U |
| INDENO(1,2,3-CD)PYRENE | 0.9 | 0.003 | U | -- | | 0.014 | J | -- | | -- | | 0.008 | J | -- | | -- | | 0.036 | J |
| NAPHTHALENE | 100. | 0.004 | U | -- | | 0.033 | J | -- | | -- | | 0.004 | U | -- | | -- | | 0.022 | J |
| NITROBENZENE | 10. | 0.023 | U | -- | | 0.023 | U | -- | | -- | | 0.023 | U | -- | | -- | | 0.023 | U |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | 0.015 | U | -- | | 0.015 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.015 | U |
| N-NITROSODIPHENYLAMINE | 100. | 0.018 | U | -- | | 0.018 | U | -- | | -- | | 0.018 | U | -- | | -- | | 0.018 | U |
| P-CHLOROANILINE | 230. | 0.048 | U | -- | | 0.048 | U | -- | | -- | | 0.048 | U | -- | | -- | | 0.048 | U |
| PENTACHLOROPHENOL | 6. | 0.073 | U | -- | | 0.073 | U | -- | | -- | | 0.073 | U | -- | | -- | | 0.073 | U |
| PHENANTHRENE | N/A | 0.004 | U | -- | | 0.048 | J | -- | | -- | | 0.014 | J | -- | | -- | | 0.08 | J |
| PHENOL | 50. | 0.054 | U | -- | | 0.054 | U | -- | | -- | | 0.054 | U | -- | | -- | | 0.054 | U |
| P-NITROANILINE | N/A | 0.019 | U | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U |
| PYRENE | 100. | 0.003 | U | -- | | 0.043 | J | -- | | -- | | 0.021 | J | -- | | -- | | 0.1 | J |
| TOTAL TARGETED SVOCS | | 0.16 | | 0. | | 0.758 | | 0. | | 0. | | 0.383 | | 0. | | 0. | | 1.073 | |
| TOAL NON- TARGET SVOCS | | | | | | 8.16 | | | | | | 4.16 | | | | | | 6.38 | |
| TOTAL CONCENTRATION OF SVOCS | | 0.16 | | 0. | | 8.918 | | 0. | | 0. | | 4.543 | | 0. | | 0. | | 7.453 | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 11,600. | | -- | | 8,450. | | -- | | -- | | 6,710. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 3.3 | | -- | | 4.5 | | -- | | -- | | 1.8 | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 30.8 | B | -- | | 95.7 | | -- | | -- | | 28.4 | B | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.097 | U | -- | | 0.095 | U | -- | | -- | | 0.096 | U | -- | | -- | |
| CALCIUM | N/A | -- | | 729. | B | -- | | 1,010. | B | -- | | -- | | 882. | B | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 11.9 | | -- | | 9.4 | | -- | | -- | | 4.5 | | -- | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | -- | | 15,200. | | -- | | 9,430. | | -- | | -- | | 6,300. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 5.7 | | -- | | 16.3 | | -- | | -- | | 3.9 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | -- | | 229. | | -- | | 646. | | -- | | -- | | 353. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.02 | U | -- | | 0.02 | B | -- | | -- | | 0.02 | U | -- | | -- | | 0.05 | |
| NICKEL AS TOTAL | 250. | -- | | 7. | B | -- | | 7.6 | B | -- | | -- | | 2.7 | B | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | -- | | 383. | B | -- | | 381. | B | -- | | -- | | 667. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 17. | | -- | | 30.1 | | -- | | -- | | 8.8 | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.017 | U | -- | | 0.016 | U | -- | | -- | | 0.017 | U | -- | | -- | | 0.017 | U |
| AROCLOR 1254 | 0.49 | 0.005 | U | -- | | 0.005 | U | -- | | -- | | 0.005 | U | -- | | -- | | 0.005 | U |
| AROCLOR 1260 | 0.49 | 0.016 | U | -- | | 0.015 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.016 | U | -- | | 0.015 | U | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U |
| AROCLOR-1242 | 0.49 | 0.022 | U | -- | | 0.021 | U | -- | | -- | | 0.021 | U | -- | | -- | | 0.021 | U |
| AROCLOR-1248 | 0.49 | 0.012 | U | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | 305-3 | | 305-3 | | 305-4 | | 305-4 | | 305-4 | | 306-1 | | 306-1 | | 306-2 | | 306-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512945 | | 512945 | | 512944 | | 512944 | | 512944 | | 510569 | | 510569 | | 510568 | | 510567 | |
| Depth | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 2.25 - 2.75 | | 2.25 - 2.75 | | 2.25 - 2.75 | | 2.25 - 2.75 | |
| Sampling Date | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 5.0 | | 1.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | -- | | -- | | -- | | -- | | 2,560. | | 76.6 | | 123. | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | 0.056 | U | -- | | -- | | 0.053 | U | -- | | -- | | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | 0.033 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | 0.037 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | 0.036 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | 0.045 | U | -- | | -- | | 0.042 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | 0.046 | U | -- | | -- | | 0.044 | U | -- | | -- | | -- | | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | 0.024 | U | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | 0.017 | U | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | 0.031 | U | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | |
| 2-BUTANONE | 50. | -- | | 0.3 | U | -- | | -- | | 0.28 | U | -- | | -- | | -- | | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | 0.17 | U | -- | | -- | | 0.16 | U | -- | | -- | | -- | | -- | |
| ACETONE | 100. | -- | | 0.29 | U | -- | | -- | | 0.27 | U | -- | | -- | | -- | | -- | |
| BENZENE | 1. | -- | | 0.031 | U | -- | | -- | | 0.029 | U | -- | | -- | | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | | -- | | -- | | -- | |
| BROMOMETHANE | 1. | -- | | 0.049 | U | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | |
| CARBON DISULFIDE | N/A | -- | | 0.039 | U | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | 0.058 | U | -- | | -- | | 0.056 | U | -- | | -- | | -- | | -- | |
| CFC-11 | N/A | -- | | 0.053 | U | -- | | -- | | 0.05 | U | -- | | -- | | -- | | -- | |
| CFC-12 | N/A | -- | | 0.06 | U | -- | | -- | | 0.057 | U | -- | | -- | | -- | | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | 0.05 | U | -- | | -- | | 0.047 | U | -- | | -- | | -- | | -- | |
| CHLOROBENZENE | 1. | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| CHLOROETHANE | N/A | -- | | 0.071 | U | -- | | -- | | 0.067 | U | -- | | -- | | -- | | -- | |
| CHLOROFORM | 1. | -- | | 0.026 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| CHLOROMETHANE | 10. | -- | | 0.082 | U | -- | | -- | | 0.078 | U | -- | | -- | | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | 0.033 | U | -- | | -- | | 0.032 | U | -- | | -- | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | 0.035 | U | -- | | -- | | 0.033 | U | -- | | -- | | -- | | -- | |
| CYCLOHEXANE | N/A | -- | | 0.06 | U | -- | | -- | | 0.057 | U | -- | | -- | | -- | | -- | |
| DICHLOROMETHANE | 1. | -- | | 0.019 | U | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | |
| ETHYLBENZENE | 100. | -- | | 0.026 | U | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| ISOPROPYLBENZENE | N/A | -- | | 0.04 | U | -- | | -- | | 0.13 | J | -- | | -- | | -- | | -- | |
| M-DICHLOROBENZENE | 100. | -- | | 0.025 | U | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | |
| METHYL ACETATE | N/A | -- | | 0.071 | U | -- | | -- | | 0.067 | U | -- | | -- | | -- | | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | | -- | | -- | | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | 0.044 | U | -- | | -- | | 0.041 | U | -- | | -- | | -- | | -- | |
| METHYLBENZENE | 500. | -- | | 0.15 | J | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | |
| METHYLCYLOHEXANE | N/A | -- | | 0.054 | U | -- | | -- | | 0.051 | U | -- | | -- | | -- | | -- | |
| STYRENE (MONOMER) | 23. | -- | | 0.024 | U | -- | | -- | | 0.023 | U | -- | | -- | | -- | | -- | |
| TETRACHLOROETHENE | 1. | -- | | 0.051 | U | -- | | -- | | 0.047 | U | -- | | -- | | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | 0.031 | U | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | 0.014 | U | -- | | -- | | 0.013 | U | -- | | -- | | -- | | -- | |
| TRIBOMOMETHANE | 1. | -- | | 0.036 | U | -- | | -- | | 0.034 | U | -- | | -- | | -- | | -- | |
| TRICHLOROETHYLENE | 1. | -- | | 0.037 | U | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | |
| VINYL CHLORIDE | 2. | -- | | 0.058 | U | -- | | -- | | 0.055 | U | -- | | -- | | -- | | -- | |
| Xylene (Total) | 67. | -- | | 0.035 | U | -- | | -- | | 0.34 | J | -- | | -- | | -- | | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0.15 | | 0. | | 0. | | 0.47 | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON - TARGETED VOCS | | | | | | | | | | 1.6 | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0.15 | | 0. | | 0. | | 2.07 | | 0. | | 0. | | 0. | | 0. | |
| **SEMIVOLATILE ORGANIC COMPOUNDS ( SVOCS)** | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | 0.074 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | 0.034 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | 0.051 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | 0.036 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | 0.054 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | 0.025 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | 0.048 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | 0.03 | J | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | 0.035 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | 0.039 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | 0.16 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | 0.03 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | 0.023 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | 0.057 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | 0.019 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | 0.039 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | 0.003 | U | -- | | -- | | 0.066 | J | -- | | 0.004 | U | 0.19 | J |
| ACENAPHTHYLENE | N/A | -- | | -- | | 0.003 | U | -- | | -- | | 0.023 | J | -- | | 0.004 | U | 0.016 | J |
| ACETOPHENONE | N/A | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | 0.003 | U | -- | | -- | | 0.15 | J | -- | | 0.003 | U | 0.27 | J |
| ATRAZINE | N/A | -- | | -- | | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | 0.014 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | 0.16 | | -- | | -- | | 0.45 | | -- | | 0.011 | U | **1.4** | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | 0.19 | | -- | | -- | | 0.41 | | -- | | 0.003 | U | **1.2** | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | 0.21 | | -- | | -- | | 0.31 | | -- | | 0.003 | U | **1.2** | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | 0.15 | J | -- | | -- | | 0.1 | J | -- | | 0.024 | J | 0.78 | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | 0.22 | | -- | | -- | | 0.004 | U | -- | | 0.004 | U | **1.2** | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | 0.028 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | 0.031 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | 0.024 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | 0.003 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | 0.23 | J | -- | | -- | | 0.96 | | -- | | 0.005 | U | 1.6 | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | 0.003 | U | -- | | -- | | 0.046 | | -- | | 0.003 | U | 0.26 | |
| DIBENZOFURAN | N/A | -- | | -- | | 0.02 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | 0.01 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | 0.017 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | 0.37 | J | -- | | -- | | 0.29 | J | -- | | 0.001 | U | 2. | |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | 305-3 | | 305-3 | | 305-4 | | 305-4 | | 305-4 | | 306-1 | | 306-1 | | 306-2 | | 306-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512945 | | 512945 | | 512944 | | 512944 | | 512944 | | 510569 | | 510569 | | 510568 | | 510567 | |
| **Depth** | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 2.25 - 2.75 | | 2.25 - 2.75 | | 2.25 - 2.75 | | 2.25 - 2.75 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 5.0 | | 1.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| FLUORENE | 100. | -- | | -- | | 0.003 | U | -- | | -- | | 0.1 | J | -- | | 0.003 | U | 0.16 | J |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | 0.037 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | 0.014 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | 0.057 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | 0.014 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | 0.11 | | -- | | -- | | 0.08 | | -- | | 0.003 | U | 0.71 | |
| NAPHTHALENE | 100. | -- | | -- | | 0.003 | U | -- | | -- | | 0.013 | J | -- | | 0.004 | U | 0.19 | J |
| NITROBENZENE | 10. | -- | | -- | | 0.022 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | 0.018 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | 0.046 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | 0.073 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | 0.25 | J | -- | | -- | | 0.33 | J | -- | | 0.022 | J | 1.2 | |
| PHENOL | 50. | -- | | -- | | 0.052 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | 0.019 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| PYRENE | 100. | -- | | -- | | 0.34 | J | -- | | -- | | 1. | | -- | | 0.003 | U | 1.8 | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 2.26 | | 0. | | 0. | | 4.328 | | 0. | | 0.046 | | 14.176 | |
| TOAL NON- TARGET SVOCS | | | | | | 14.45 | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 16.71 | | 0. | | 0. | | 4.328 | | 0. | | 0.046 | | 14.176 | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | 9,980. | | -- | | -- | | 8,380. | | -- | | -- | | -- | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ARSENIC AS TOTAL | 20. | 6. | | -- | | -- | | 5. | | -- | | -- | | -- | | -- | | -- | |
| BARIUM AS TOTAL | 700. | 151. | | -- | | -- | | 86.3 | | -- | | -- | | -- | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | 0.096 | U | -- | | -- | | 0.094 | U | -- | | -- | | -- | | -- | | -- | |
| CALCIUM | N/A | 1,440. | | -- | | -- | | 7,550. | | -- | | -- | | -- | | -- | | -- | |
| CHROMIUM | 120,000. | 11.6 | | -- | | -- | | 15.2 | | -- | | -- | | -- | | -- | | -- | |
| COBALT | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| IRON | N/A | 11,400. | | -- | | -- | | 14,500. | | -- | | -- | | -- | | -- | | -- | |
| LEAD AS TOTAL | 400. | 17.8 | | -- | | -- | | 28.4 | | -- | | -- | | -- | | -- | | -- | |
| MAGNESIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| MANGANESE | N/A | 1,070. | | -- | | -- | | 423. | | -- | | -- | | -- | | -- | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | B | -- | | -- | | -- | | -- | | -- | | -- | |
| NICKEL AS TOTAL | 250. | 9.2 | B | -- | | -- | | 11. | | -- | | -- | | -- | | -- | | -- | |
| POTASSIUM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| SODIUM | N/A | 368. | B | -- | | -- | | 354. | B | -- | | -- | | -- | | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| VANADIUM | 370. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | 31.6 | | -- | | -- | | 47.4 | | -- | | -- | | -- | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | 0.016 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | 0.005 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | 0.015 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | 0.011 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | 0.021 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | 0.012 | U | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | CE-1 | | CE-1 | | CE-1 | | CE-1 | | CE-1 | | CE-2 | | CE-2 | | CE-2 | | CE-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample Number | | 512946 | | 512946 | | 512948 | | 512948 | | 512948 | | 512949 | | 512949 | | 512949 | | 512950 | |
| Depth | | 2.5 - 3 | | 2.5 - 3 | | 7.5 - 8 | | 7.5 - 8 | | 7.5 - 8 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 5.5 - 6 | |
| Sampling Date | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| Matrix | SCC | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | | 1.0 | | 2.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| Units | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 87.5 | | -- | | 48.6 | | -- | | -- | | 53.9 | | -- | | -- | | 44.5 | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | -- | | 0.054 | U | -- | | -- | | 0.053 | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | -- | | 0.036 | U | -- | | -- | | 0.035 | U | -- | |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | -- | | 0.043 | U | -- | | -- | | 0.042 | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | -- | | 0.045 | U | -- | | -- | | 0.044 | U | -- | |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | -- | | 0.023 | U | -- | | -- | | 0.022 | U | -- | |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | -- | | 0.02 | U | -- | | -- | | 0.02 | U | -- | |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | -- | | 0.016 | U | -- | | -- | | 0.016 | U | -- | |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.029 | U | -- | |
| 2-BUTANONE | 50. | -- | | -- | | -- | | -- | | 0.29 | U | -- | | -- | | 0.28 | U | -- | |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | |
| ACETONE | 100. | -- | | -- | | -- | | -- | | 0.28 | U | -- | | -- | | 0.27 | U | -- | |
| BENZENE | 1. | -- | | -- | | -- | | -- | | 0.029 | U | -- | | -- | | 0.029 | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | 0.011 | U | -- | | -- | | 0.011 | U | -- | |
| BROMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.046 | U | -- | |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | -- | | 0.038 | U | -- | | -- | | 0.037 | U | -- | |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | -- | | 0.056 | U | -- | | -- | | 0.056 | U | -- | |
| CFC-11 | N/A | -- | | -- | | -- | | -- | | 0.051 | U | -- | | -- | | 0.05 | U | -- | |
| CFC-12 | N/A | -- | | -- | | -- | | -- | | 0.058 | U | -- | | -- | | 0.057 | U | -- | |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | -- | | 0.048 | U | -- | | -- | | 0.047 | U | -- | |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | -- | | 0.012 | U | -- | | -- | | 0.012 | U | -- | |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | |
| CHLOROETHANE | N/A | -- | | -- | | -- | | -- | | 0.068 | U | -- | | -- | | 0.067 | U | -- | |
| CHLOROFORM | 1. | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.024 | U | -- | |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | -- | | 0.079 | U | -- | | -- | | 0.078 | U | -- | |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | -- | | 0.032 | U | -- | | -- | | 0.032 | U | -- | |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | 0.033 | U | -- | | -- | | 0.033 | U | -- | |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | -- | | 0.058 | U | -- | | -- | | 0.057 | U | -- | |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | -- | | 0.019 | U | -- | | -- | | 0.019 | U | -- | |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | -- | | 0.038 | U | -- | | -- | | 0.038 | U | -- | |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.024 | U | -- | |
| METHYL ACETATE | N/A | -- | | -- | | -- | | -- | | 0.068 | U | -- | | -- | | 0.067 | U | -- | |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | -- | | 0.16 | U | -- | | -- | | 0.16 | U | -- | |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | -- | | 0.042 | U | -- | | -- | | 0.041 | U | -- | |
| METHYLBENZENE | 500. | -- | | -- | | -- | | -- | | 0.025 | U | -- | | -- | | 0.025 | U | -- | |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | -- | | 0.052 | U | -- | | -- | | 0.051 | U | -- | |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | -- | | 0.024 | U | -- | | -- | | 0.023 | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | -- | | 0.047 | U | -- | | -- | | 0.047 | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | -- | | 0.03 | U | -- | | -- | | 0.03 | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | -- | | 0.013 | U | -- | | -- | | 0.013 | U | -- | |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | -- | | 0.035 | U | -- | | -- | | 0.035 | U | -- | |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | -- | | 0.9 | | -- | | -- | | 0.078 | J | -- | |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | -- | | 0.055 | U | -- | | -- | | 0.055 | U | -- | |
| Xylene (Total) | 67. | -- | | -- | | -- | | -- | | 0.034 | U | -- | | -- | | 0.033 | U | -- | |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0.9 | | 0. | | 0. | | 0.078 | | 0. | |
| TOTAL NON - TARGETED VOCS | | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0.9 | | 0. | | 0. | | 0.078 | | 0. | |
| **SEMIVOLATILE ORGANIC COMPOUNDS ( SVOCS)** | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ACETOPHENONE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| ATRAZINE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | CE-1 | | CE-1 | | CE-1 | CE-1 | | CE-1 | | CE-2 | | CE-2 | | CE-2 | | CE-2 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512946 | | 512946 | | 512948 | 512948 | | 512948 | | 512949 | | 512949 | | 512949 | | 512950 | |
| **Depth** | | 2.5 - 3 | | 2.5 - 3 | | 7.5 - 8 | 7.5 - 8 | | 7.5 - 8 | | 2.5 - 3 | | 2.5 - 3 | | 2.5 - 3 | | 5.5 - 6 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 1.0 | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | | 1.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| FLUORENE | 100. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| NITROBENZENE | 10. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| PHENOL | 50. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| PYRENE | 100. | -- | | -- | | -- | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 0. | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOAL NON- TARGET SVOCS | | | | | | | | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 0. | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | -- | | 9,930. | | -- | 10,700. | | -- | | -- | | 8,610. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 1.4 | U | -- | 1.4 | U | -- | | -- | | 1.3 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | **36.8** | | -- | 5.8 | | -- | | -- | | 5.3 | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 155. | | -- | 588. | | -- | | -- | | 227. | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 1.1 | | -- | 1.1 | | -- | | -- | | 0.69 | | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 0.66 | B | -- | 1.3 | | -- | | -- | | 0.54 | B | -- | | -- | |
| CALCIUM | N/A | -- | | 1,930. | | -- | 2,000. | | -- | | -- | | 4,320. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 83.5 | | -- | 58.2 | | -- | | -- | | 42.6 | | -- | | -- | |
| COBALT | N/A | -- | | 10.5 | B | -- | 35.7 | | -- | | -- | | 7. | B | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 387. | | -- | 193. | | -- | | -- | | 120. | | -- | | -- | |
| IRON | N/A | -- | | 25,600. | | -- | 20,000. | | -- | | -- | | 17,600. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 253. | | -- | 26.2 | | -- | | -- | | 61.8 | | -- | | -- | |
| MAGNESIUM | N/A | -- | | 2,690. | | -- | 1,500. | | -- | | -- | | 2,130. | | -- | | -- | |
| MANGANESE | N/A | -- | | 599. | | -- | 6,130. | | -- | | -- | | 460. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.03 | B | -- | | 0.02 | -- | | -- | | 0.06 | | -- | | -- | | 0.04 | B |
| NICKEL AS TOTAL | 250. | -- | | **817.** | | -- | 116. | | -- | | -- | | 55.7 | | -- | | -- | |
| POTASSIUM | N/A | -- | | 1,080. | B | -- | 283. | B | -- | | -- | | 491. | B | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 0.98 | U | -- | 1. | U | -- | | -- | | 0.92 | U | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.33 | U | -- | 0.4 | B | -- | | -- | | 0.31 | U | -- | | -- | |
| SODIUM | N/A | -- | | 183. | B | -- | 144. | B | -- | | -- | | 365. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | 1.1 | U | -- | 1.1 | U | -- | | -- | | 1. | U | -- | | -- | |
| VANADIUM | 370. | -- | | 24. | | -- | 23. | | -- | | -- | | 19.3 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 348. | | -- | 289. | | -- | | -- | | 409. | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 2.7 | | -- | | 1.7 | -- | | -- | | 0.89 | | -- | | -- | | 0.69 | |
| **PCBs** | | | | | | | | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.016 | U | -- | | 0.017 | U | -- | | -- | | 0.015 | U | -- | | -- | | 0.017 | U |
| AROCLOR 1254 | 0.49 | 0.004 | U | -- | | 0.005 | U | -- | | -- | | 0.004 | U | -- | | -- | | 0.005 | U |
| AROCLOR 1260 | 0.49 | 0.015 | U | -- | | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U |
| AROCLOR 1268 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.015 | U | -- | | 0.016 | U | -- | | -- | | 0.014 | U | -- | | -- | | 0.016 | U |
| AROCLOR-1232 | 0.49 | 0.011 | U | -- | | 0.011 | U | -- | | -- | | 0.01 | U | -- | | -- | | 0.012 | U |
| AROCLOR-1242 | 0.49 | 0.021 | U | -- | | 0.021 | U | -- | | -- | | 0.02 | U | -- | | -- | | 0.022 | U |
| AROCLOR-1248 | 0.49 | 0.012 | U | -- | | 0.012 | U | -- | | -- | | 0.011 | U | -- | | -- | | 0.012 | U |
| AROCLOR-1262 | 0.49 | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | 0. | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | CE-2 | | CE-2 | | MH5-1 | | MH5-1 | | MH5-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512950 | | 512950 | | 510570 | | 510570 | | 510570 | |
| **Depth** | | 5.5 - 6 | | 5.5 - 6 | | 9.5 - 10 | | 9.5 - 10 | | 9.5 - 10 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | -- | | -- | | 25. | U | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | 0.052 | U | -- | | -- | | 0.048 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | 0.03 | U | -- | | -- | | 0.028 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | 0.035 | U | -- | | -- | | 0.032 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | 0.034 | U | -- | | -- | | 0.031 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | 0.042 | U | -- | | -- | | 0.038 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | 0.043 | U | -- | | -- | | 0.04 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | 0.022 | U | -- | | -- | | 0.02 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | 0.02 | U | -- | | -- | | 0.018 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | 0.016 | U | -- | | -- | | 0.015 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | 0.024 | U | -- | | -- | | 0.023 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | 0.029 | U | -- | | -- | | 0.026 | U |
| 2-BUTANONE | 50. | -- | | 0.28 | U | -- | | -- | | 0.26 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | 0.16 | U | -- | | -- | | 0.15 | U |
| ACETONE | 100. | -- | | 0.27 | U | -- | | -- | | 0.24 | U |
| BENZENE | 1. | -- | | 0.029 | U | -- | | -- | | 0.027 | U |
| BROMODICHLOROMETHANE | 1. | -- | | 0.011 | U | -- | | -- | | 0.01 | U |
| BROMOMETHANE | 1. | -- | | 0.046 | U | -- | | -- | | 0.042 | U |
| CARBON DISULFIDE | N/A | -- | | 0.036 | U | -- | | -- | | 0.033 | U |
| CARBON TETRACHLORIDE | 1. | -- | | 0.054 | U | -- | | -- | | 0.05 | U |
| CFC-11 | N/A | -- | | 0.049 | U | -- | | -- | | 0.045 | U |
| CFC-12 | N/A | -- | | 0.056 | U | -- | | -- | | 0.051 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | 0.046 | U | -- | | -- | | 0.043 | U |
| CHLOROBENZENE | 1. | -- | | 0.012 | U | -- | | -- | | 0.011 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| CHLOROETHANE | N/A | -- | | 0.066 | U | -- | | -- | | 0.06 | U |
| CHLOROFORM | 1. | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| CHLOROMETHANE | 10. | -- | | 0.077 | U | -- | | -- | | 0.07 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | 0.031 | U | -- | | -- | | 0.029 | U |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | 0.032 | U | -- | | -- | | 0.03 | U |
| CYCLOHEXANE | N/A | -- | | 0.056 | U | -- | | -- | | 0.051 | U |
| DICHLOROMETHANE | 1. | -- | | 0.018 | U | -- | | -- | | 0.017 | U |
| ETHYLBENZENE | 100. | -- | | 0.024 | U | -- | | -- | | 0.023 | U |
| ISOPROPYLBENZENE | N/A | -- | | 0.037 | U | -- | | -- | | 0.034 | U |
| M-DICHLOROBENZENE | 100. | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| METHYL ACETATE | N/A | -- | | 0.066 | U | -- | | -- | | 0.061 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | 0.15 | U | -- | | -- | | 0.14 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | 0.041 | U | -- | | -- | | 0.037 | U |
| METHYLBENZENE | 500. | -- | | 0.024 | U | -- | | -- | | 0.022 | U |
| METHYLCYLOHEXANE | N/A | -- | | 0.05 | U | -- | | -- | | 0.046 | U |
| STYRENE (MONOMER) | 23. | -- | | 0.023 | U | -- | | -- | | 0.021 | U |
| TETRACHLOROETHENE | 1. | -- | | 0.047 | U | -- | | -- | | 0.044 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | 0.029 | U | -- | | -- | | 0.027 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | 0.013 | U | -- | | -- | | 0.012 | U |
| TRIBOMOMETHANE | 1. | -- | | 0.033 | U | -- | | -- | | 0.031 | U |
| TRICHLOROETHYLENE | 1. | -- | | 0.035 | U | -- | | -- | | 0.032 | U |
| VINYL CHLORIDE | 2. | -- | | 0.054 | U | -- | | -- | | 0.049 | U |
| Xylene (Total) | 67. | -- | | 0.033 | U | -- | | -- | | 0.03 | U |
| TOTAL TARGETED OF VOCS | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOTAL NON - TARGETED VOCS | | | | 1. | | | | | | | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 1. | | 0. | | 0. | | 0. | |
| **SEMIVOLATILE ORGANIC COMPOUNDS ( SVOCS)** | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | -- | | -- | | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | -- | | -- | | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | -- | | -- | | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | -- | | -- | | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | -- | | -- | | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | -- | | -- | | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | -- | | -- | | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | -- | | -- | | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | -- | | -- | | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | -- | | -- | | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | -- | | -- | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | -- | | -- | | -- | |
| ACETOPHENONE | N/A | -- | | -- | | -- | | -- | | -- | |
| ANTHRACENE | 100. | -- | | -- | | -- | | -- | | -- | |
| ATRAZINE | N/A | -- | | -- | | -- | | -- | | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | -- | | -- | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | -- | | -- | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | -- | | -- | | -- | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | -- | | -- | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | |
| BIPHENYL | N/A | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | -- | | -- | | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | -- | | -- | | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | -- | | -- | | -- | |
| CAPROLACTAM | N/A | -- | | -- | | -- | | -- | | -- | |
| CARBAZOLE | N/A | -- | | -- | | -- | | -- | | -- | |
| CHRYSENE | 9. | -- | | -- | | -- | | -- | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | -- | | -- | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | -- | | -- | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | -- | | -- | | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | -- | | -- | | -- | |
| FLUORANTHENE | 100. | -- | | -- | | -- | | -- | | -- | |

**TABLE 11**
**Soil Analytical Results Summary**
**Off Slab Samples (300 Series and CE-1 & CE-2 Samples)**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | CE-2 | | CE-2 | | MH5-1 | | MH5-1 | | MH5-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512950 | | 512950 | | 510570 | | 510570 | | 510570 | |
| **Depth** | | 5.5 - 6 | | 5.5 - 6 | | 9.5 - 10 | | 9.5 - 10 | | 9.5 - 10 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/12/04 | | 03/12/04 | | 03/12/04 | |
| **Matrix** | SCC | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | | 2.0 | | 50.0 | | 1.0 | | 2.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| FLUORENE | 100. | -- | | -- | | -- | | -- | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | -- | | -- | | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | -- | | -- | | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | -- | | -- | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | -- | | -- | | -- | |
| NITROBENZENE | 10. | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | -- | | -- | | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | -- | | -- | | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | -- | | -- | | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | -- | | -- | | -- | |
| PHENANTHRENE | N/A | -- | | -- | | -- | | -- | | -- | |
| PHENOL | 50. | -- | | -- | | -- | | -- | | -- | |
| P-NITROANILINE | N/A | -- | | -- | | -- | | -- | | -- | |
| PYRENE | 100. | -- | | -- | | -- | | -- | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | |
| TOAL NON- TARGET SVOCS | | | | | | | | | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 0. | | 0. | | 0. | |
| **TAL Metals** | | | | | | | | | | | |
| ALUMINUM | N/A | 9,550. | | -- | | -- | | 8,340. | | -- | |
| ANTIMONY AS TOTAL | 14. | 1.4 | U | -- | | -- | | 0.92 | U | -- | |
| ARSENIC AS TOTAL | 20. | 6.3 | | -- | | -- | | 3.3 | B | -- | |
| BARIUM AS TOTAL | 700. | 212. | | -- | | -- | | 75.9 | | -- | |
| BERYLLIUM AS TOTAL | 2. | 0.68 | | -- | | -- | | 0.85 | | -- | |
| CADMIUM AS TOTAL | 39. | 0.47 | B | -- | | -- | | 0.094 | U | -- | |
| CALCIUM | N/A | 4,270. | | -- | | -- | | 1,400. | | -- | |
| CHROMIUM | 120,000. | 35.6 | | -- | | -- | | 17.2 | | -- | |
| COBALT | N/A | 7. | B | -- | | -- | | 8.7 | B | -- | |
| COPPER AS TOTAL | 600. | 95.3 | | -- | | -- | | 5.8 | B | -- | |
| IRON | N/A | 17,200. | | -- | | -- | | 19,900. | | -- | |
| LEAD AS TOTAL | 400. | 56.8 | | -- | | -- | | 6.6 | | -- | |
| MAGNESIUM | N/A | 1,720. | | -- | | -- | | 1,140. | B | -- | |
| MANGANESE | N/A | 401. | | -- | | -- | | 669. | | -- | |
| MERCURY AS TOTAL | 14. | -- | | -- | | 0.02 | U | -- | | -- | |
| NICKEL AS TOTAL | 250. | 42. | | -- | | -- | | 8.4 | B | -- | |
| POTASSIUM | N/A | 463. | B | -- | | -- | | 694. | B | -- | |
| SELENIUM AS TOTAL | 63. | 1. | U | -- | | -- | | 0.92 | U | -- | |
| SILVER AS TOTAL | 110. | 0.35 | U | -- | | -- | | 0.17 | U | -- | |
| SODIUM | N/A | 143. | B | -- | | -- | | 85.1 | U | -- | |
| THALLIUM AS TOTAL | 2. | 1.2 | U | -- | | -- | | 1. | U | -- | |
| VANADIUM | 370. | 20.4 | | -- | | -- | | 24.5 | | -- | |
| ZINC AS TOTAL | 1,500. | 283. | | -- | | -- | | 16.5 | | -- | |
| **TOTAL CYANIDE** | 1,100. | -- | | -- | | 0.5 | U | -- | | -- | |
| **PCBs** | | | | | | | | | | | |
| AROCLOR 1221 | 0.49 | -- | | -- | | 0.016 | U | -- | | -- | |
| AROCLOR 1254 | 0.49 | -- | | -- | | 0.005 | U | -- | | -- | |
| AROCLOR 1260 | 0.49 | -- | | -- | | 0.015 | U | -- | | -- | |
| AROCLOR 1268 | 0.49 | -- | | -- | | 0.026 | U | -- | | -- | |
| AROCLOR-1016 | 0.49 | -- | | -- | | 0.015 | U | -- | | -- | |
| AROCLOR-1232 | 0.49 | -- | | -- | | 0.011 | U | -- | | -- | |
| AROCLOR-1242 | 0.49 | -- | | -- | | 0.021 | U | -- | | -- | |
| AROCLOR-1248 | 0.49 | -- | | -- | | 0.012 | U | -- | | -- | |
| AROCLOR-1262 | 0.49 | -- | | -- | | 0.026 | U | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | | 0. | |

Notes:

-- Not Tested

SCC Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria.

U Concentration is below the Reporting Limit as noted.

**0.86** Below Reporting Limit, but the Reporting Limit exceeds the SCC

Detected above the SCC.

B Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

J The concentration is an approximate value; less than the specified quantitation limit but greater than zero.

**TABLE 12**
**Sediment Analytical Results Summary**
**Sediment Sample CE-3**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | CE-3 | | CE-3 | | CE-3 | | CE-3 | |
|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512951 | | 512951 | | 512951 | | 512951 | |
| **Depth** | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| **Matrix** | scc | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 10.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **TOTAL PETROLEUM HYDROCARBONS** | 10,000. | 1,400. | | -- | | -- | | -- | |
| **VOLATILE ORGANIC COMPOUNDS (VOCs)** | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | -- | | -- | | -- | | 0.15 | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | -- | | -- | | 0.092 | U |
| 1,1,2-TRICHLOROETHANE | 1. | -- | | -- | | -- | | 0.074 | U |
| 1,1-DICHLOROETHANE | 10. | -- | | -- | | -- | | 0.1 | U |
| 1,1-DICHLOROETHYLENE | 8. | -- | | -- | | -- | | 0.1 | U |
| 1,2,4-TRICHLOROBENZENE | 68. | -- | | -- | | -- | | 0.12 | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | N/A | -- | | -- | | -- | | 0.13 | U |
| 1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE) | N/A | -- | | -- | | -- | | 0.066 | U |
| 1,2-DICHLOROBENZENE | 50. | -- | | -- | | -- | | 0.058 | U |
| 1,2-DICHLOROETHANE | 1. | -- | | -- | | -- | | 0.048 | U |
| 1,2-DICHLOROPROPANE | 10. | -- | | -- | | -- | | 0.073 | U |
| 1,4-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.086 | U |
| 2-BUTANONE | 50. | -- | | -- | | -- | | 0.83 | U |
| 4-METHYL-2-PENTANONE | 50. | -- | | -- | | -- | | 0.47 | U |
| ACETONE | 100. | -- | | -- | | -- | | 0.79 | U |
| BENZENE | 1. | -- | | -- | | -- | | 0.086 | U |
| BROMODICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.032 | U |
| BROMOMETHANE | 1. | -- | | -- | | -- | | 0.14 | U |
| CARBON DISULFIDE | N/A | -- | | -- | | -- | | 0.11 | U |
| CARBON TETRACHLORIDE | 1. | -- | | -- | | -- | | 0.16 | U |
| CFC-11 | N/A | -- | | -- | | -- | | 0.14 | U |
| CFC-12 | N/A | -- | | -- | | -- | | 0.17 | U |
| CHLORINATED FLUOROCARBON (FREON 113) | N/A | -- | | -- | | -- | | 0.14 | U |
| CHLOROBENZENE | 1. | -- | | -- | | -- | | 0.034 | U |
| CHLORODIBROMOMETHANE | 1. | -- | | -- | | -- | | 0.073 | U |
| CHLOROETHANE | N/A | -- | | -- | | -- | | 0.2 | U |
| CHLOROFORM | 1. | -- | | -- | | -- | | 0.071 | U |
| CHLOROMETHANE | 10. | -- | | -- | | -- | | 0.23 | U |
| CIS-1,2-DICHLOROETHENE | 1. | -- | | -- | | -- | | 0.32 | J |
| CIS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.096 | U |
| CYCLOHEXANE | N/A | -- | | -- | | -- | | 0.16 | U |
| DICHLOROMETHANE | 1. | -- | | -- | | -- | | 0.055 | U |
| ETHYLBENZENE | 100. | -- | | -- | | -- | | 0.074 | U |
| ISOPROPYLBENZENE | N/A | -- | | -- | | -- | | 0.11 | U |
| M-DICHLOROBENZENE | 100. | -- | | -- | | -- | | 0.07 | U |
| METHYL ACETATE | N/A | -- | | -- | | -- | | 0.2 | U |
| METHYL N-BUTYL KETONE | N/A | -- | | -- | | -- | | 0.46 | U |
| METHYL TERT BUTYL ETHER (MTBE) | N/A | -- | | -- | | -- | | 0.12 | U |
| METHYLBENZENE | 500. | -- | | -- | | -- | | 0.072 | U |
| METHYLCYLOHEXANE | N/A | -- | | -- | | -- | | 0.15 | U |
| STYRENE (MONOMER) | 23. | -- | | -- | | -- | | 0.068 | U |
| TETRACHLOROETHENE | 1. | -- | | -- | | -- | | 0.14 | U |
| TRANS-1,2-DICHLOROETHENE | 50. | -- | | -- | | -- | | 0.087 | U |
| TRANS-1,3-DICHLOROPROPENE | N/A | -- | | -- | | -- | | 0.037 | U |
| TRIBOMOMETHANE | 1. | -- | | -- | | -- | | 0.1 | U |
| TRICHLOROETHYLENE | 1. | -- | | -- | | -- | | 0.26 | J |
| VINYL CHLORIDE | 2. | -- | | -- | | -- | | 0.16 | U |
| Xylene (Total) | 67. | -- | | -- | | -- | | 0.096 | U |
| TOTAL TARGETED VOCS | | 0. | | 0. | | 0. | | 0.58 | |
| TOTAL TARGETED VOCS | | | | | | | | 14.9 | |
| TOTAL CONCENTRATION OF VOCS | | 0. | | 0. | | 0. | | 15.48 | |
| **SVOCs** | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | -- | | -- | | 0.46 | U | -- | |
| 2,4,5-TRICHLOROPHENOL | 50. | -- | | -- | | 1.4 | U | -- | |
| 2,4,6-TRICHLOROPHENOL | 10. | -- | | -- | | 0.62 | U | -- | |
| 2,4-DICHLOROPHENOL | 10. | -- | | -- | | 0.93 | U | -- | |
| 2,4-DIMETHYLPHENOL | 10. | -- | | -- | | 0.66 | U | -- | |
| 2,4-DINITROPHENOL | 10. | -- | | -- | | 0.95 | U | -- | |
| 2,4-DINITROTOLUENE | N/A | -- | | -- | | 0.29 | U | -- | |
| 2,6-DINITROTOLUENE | N/A | -- | | -- | | 0.27 | U | -- | |
| 2-CHLORONAPHTHALENE | N/A | -- | | -- | | 0.45 | U | -- | |
| 2-CHLOROPHENOL | 10. | -- | | -- | | 0.88 | U | -- | |
| 2-METHYLNAPHTHALENE | N/A | -- | | -- | | 1.7 | J | -- | |
| 2-METHYLPHENOL | 2,800. | -- | | -- | | 0.64 | U | -- | |
| 2-NITROANILINE | N/A | -- | | -- | | 0.5 | U | -- | |
| 2-NITROPHENOL | N/A | -- | | -- | | 0.72 | U | -- | |
| 3,3-DICHLOROBENZIDINE | 2. | -- | | -- | | **2.8** | U | -- | |
| 3,5,5-TRIMETHYL-2-CYCLOHEXENE-1-ONE | 50. | -- | | -- | | 0.54 | U | -- | |
| 3-NITROANILINE | N/A | -- | | -- | | 0.41 | U | -- | |
| 4,6-DINITRO-2-METHYLPHENOL | N/A | -- | | -- | | 0.1 | U | -- | |
| 4-BROMOPHENYL PHENYL ETHER | N/A | -- | | -- | | 0.39 | U | -- | |
| 4-CHLORO-3-METHYLPHENOL | 100. | -- | | -- | | 0.35 | U | -- | |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | -- | | -- | | 0.4 | U | -- | |
| 4-METHYLPHENOL | 2,800. | -- | | -- | | 0.7 | U | -- | |
| 4-NITROPHENOL | N/A | -- | | -- | | 0.21 | U | -- | |
| ACENAPHTHENE | 100. | -- | | -- | | 18. | | -- | |
| ACENAPHTHYLENE | N/A | -- | | -- | | 0.29 | J | -- | |
| ACETOPHENONE | N/A | -- | | -- | | 0.33 | U | -- | |
| ANTHRACENE | 100. | -- | | -- | | 34. | | -- | |
| ATRAZINE | N/A | -- | | -- | | 0.56 | U | -- | |
| BENZALDEHYDE | N/A | -- | | -- | | 0.25 | U | -- | |
| BENZO(A)ANTHRACENE | 0.9 | -- | | -- | | **49.** | | -- | |
| BENZO(A)PYRENE | 0.66 | -- | | -- | | **44.** | | -- | |
| BENZO(B)FLUORANTHENE | 0.9 | -- | | -- | | **32.** | | -- | |
| BENZO(G,H,I)PERYLENE | N/A | -- | | -- | | 20. | | -- | |

**TABLE 12**
**Sediment Analytical Results Summary**
**Sediment Sample CE-3**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | CE-3 | | CE-3 | | CE-3 | | CE-3 | |
|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample Number** | | 512951 | | 512951 | | 512951 | | 512951 | |
| **Depth** | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | | 1 - 1.5 | |
| **Sampling Date** | | 03/19/04 | | 03/19/04 | | 03/19/04 | | 03/19/04 | |
| **Matrix** | scc | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | | Sediment (Associated with Surface Water) | |
| **Dilution Factor** | | 1.0 | | 2.0 | | 10.0 | | 50.0 | |
| **Units** | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| BENZO(K)FLUORANTHENE | 0.9 | -- | | -- | | **59.** | | -- | |
| BENZYL BUTYL PHTHALATE | 100. | -- | | -- | | 0.29 | U | -- | |
| BIPHENYL | N/A | -- | | -- | | 0.84 | J | -- | |
| BIS(2-CHLOROETHOXY)METHANE | N/A | -- | | -- | | 0.51 | U | -- | |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | -- | | -- | | 0.57 | U | -- | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | -- | | -- | | 2. | J | -- | |
| CAPROLACTAM | N/A | -- | | -- | | 0.44 | U | -- | |
| CARBAZOLE | N/A | -- | | -- | | 19. | | -- | |
| CHRYSENE | 9. | -- | | -- | | **53.** | | -- | |
| DIBENZ(A,H)ANTHRACENE | 0.66 | -- | | -- | | **6.3** | | -- | |
| DIBENZOFURAN | N/A | -- | | -- | | 11. | | -- | |
| DIETHYL PHTHALATE | 50. | -- | | -- | | 0.19 | U | -- | |
| DIMETHYL PHTHALATE | 50. | -- | | -- | | 0.3 | U | -- | |
| DI-N-BUTYLPHTHALATE | 100. | -- | | -- | | 0.2 | U | -- | |
| DI-N-OCTYL PHTHALATE | 100. | -- | | -- | | 0.32 | U | -- | |
| FLUORANTHENE | 100. | -- | | -- | | **120.** | | -- | |
| FLUORENE | 100. | -- | | -- | | 19. | | -- | |
| HEXACHLORO-1,3-BUTADIENE | 1. | -- | | -- | | 0.65 | U | -- | |
| HEXACHLOROBENZENE | 0.66 | -- | | -- | | 0.26 | U | -- | |
| HEXACHLOROCYCLOPENTADIENE | 100. | -- | | -- | | 1. | U | -- | |
| HEXACHLOROETHANE | 6. | -- | | -- | | 0.26 | U | -- | |
| INDENO(1,2,3-CD)PYRENE | 0.9 | -- | | -- | | **21.** | | -- | |
| NAPHTHALENE | 100. | -- | | -- | | 5.4 | J | -- | |
| NITROBENZENE | 10. | -- | | -- | | 0.4 | U | -- | |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | -- | | -- | | 0.27 | U | -- | |
| N-NITROSODIPHENYLAMINE | 100. | -- | | -- | | 0.26 | J | -- | |
| P-CHLOROANILINE | 230. | -- | | -- | | 0.85 | U | -- | |
| PENTACHLOROPHENOL | 6. | -- | | -- | | 1.3 | U | -- | |
| PHENANTHRENE | N/A | -- | | -- | | 130. | | -- | |
| PHENOL | 50. | -- | | -- | | 0.95 | U | -- | |
| P-NITROANILINE | N/A | -- | | -- | | 0.34 | U | -- | |
| PYRENE | 100. | -- | | -- | | **120.** | | -- | |
| TOTAL TARGETED SVOCS | | 0. | | 0. | | 765.79 | | 0. | |
| TOTAL NON-TARGETED SVOCS | | | | | | 204.7 | | | |
| TOTAL CONCENTRATION OF SVOCS | | 0. | | 0. | | 970.49 | | 0. | |
| **TAL Metals** | | | | | | | | | |
| ALUMINUM | N/A | -- | | 5,710. | | -- | | -- | |
| ANTIMONY AS TOTAL | 14. | -- | | 2.5 | U | -- | | -- | |
| ARSENIC AS TOTAL | 20. | -- | | 8.5 | | -- | | -- | |
| BARIUM AS TOTAL | 700. | -- | | 197. | | -- | | -- | |
| BERYLLIUM AS TOTAL | 2. | -- | | 0.79 | B | -- | | -- | |
| CADMIUM AS TOTAL | 39. | -- | | 1.9 | B | -- | | -- | |
| CALCIUM | N/A | -- | | 3,620. | | -- | | -- | |
| CHROMIUM | 120,000. | -- | | 104. | | -- | | -- | |
| COBALT | N/A | -- | | 8.7 | B | -- | | -- | |
| COPPER AS TOTAL | 600. | -- | | 162. | | -- | | -- | |
| IRON | N/A | -- | | 13,000. | | -- | | -- | |
| LEAD AS TOTAL | 400. | -- | | 114. | | -- | | -- | |
| MAGNESIUM | N/A | -- | | 1,720. | B | -- | | -- | |
| MANGANESE | N/A | -- | | 321. | | -- | | -- | |
| MERCURY AS TOTAL | 14. | 0.77 | | -- | | -- | | -- | |
| NICKEL AS TOTAL | 250. | -- | | 139. | | -- | | -- | |
| POTASSIUM | N/A | -- | | 413. | B | -- | | -- | |
| SELENIUM AS TOTAL | 63. | -- | | 1.8 | U | -- | | -- | |
| SILVER AS TOTAL | 110. | -- | | 0.7 | B | -- | | -- | |
| SODIUM | N/A | -- | | 437. | B | -- | | -- | |
| THALLIUM AS TOTAL | 2. | -- | | **2.** | U | -- | | -- | |
| VANADIUM | 370. | -- | | 26.9 | | -- | | -- | |
| ZINC AS TOTAL | 1,500. | -- | | 575. | | -- | | -- | |
| **TOTAL CYANIDE** | 1,100. | 0.5 | U | -- | | -- | | -- | |
| **PCBs** | | | | | | | | | |
| AROCLOR 1221 | 0.49 | 0.029 | U | -- | | -- | | -- | |
| AROCLOR 1254 | 0.49 | 0.008 | U | -- | | -- | | -- | |
| AROCLOR 1260 | 0.49 | 0.027 | U | -- | | -- | | -- | |
| AROCLOR-1016 | 0.49 | 0.027 | U | -- | | -- | | -- | |
| AROCLOR-1232 | 0.49 | 0.02 | U | -- | | -- | | -- | |
| AROCLOR-1242 | 0.49 | 0.038 | U | -- | | -- | | -- | |
| AROCLOR-1248 | 0.49 | 0.021 | U | -- | | -- | | -- | |
| TOTAL CONCENTRATION OF PCBS | | 0. | | 0. | | 0. | | 0. | |

Notes:

| | |
|---|---|
| -- | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water . Soil Cleanup Criteria |
| U | Concentration is below the Reporting Limit as noted. |
| **0.86** | Below Reporting Limit, but the Reporting Limit exceeds the SCC |
| | Detected above the SCC. |
| B | Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-1 | | MW-1 | | MW-1A | | MW-1A | | MW-2 | | MW-2 | | MW-2A | | MW-2A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 560318 | | 562050 | | 560319 | | 562048 | | 560322 | | 562495 | | 560323 | | 562496 | |
| Date | | 9/2/2004 | | 9/9/2004 | | 9/2/2004 | | 9/9/2004 | | 9/2/2004 | | 9/10/2004 | | 9/2/2004 | | 9/10/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | 600. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | 75. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| ACETONE | 700. | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | UJ | -- | | ND(1) | UJ |
| BENZENE | 1. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMOMETHANE | 10. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CARBON DISULFIDE | 800. | -- | | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CFC-113 | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROBENZENE | 50. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CHLOROETHANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHLOROFORM | 6. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | ND(0.4) | U | -- | | **30.** | | -- | | **1.6** | | -- | | ND(0.4) | U |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CUMENE | 800. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| ETHYLBENZENE | 700. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| METHYLCYCLOHEXANE | 100. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| MTBE | 70. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| STYRENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TOLUENE | 1,000. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRICHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | **10.** | | -- | | **1.9** | | -- | | ND(0.4) | U |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| XYLENE (TOTAL) | 1,000. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **40.** | | **---** | | **3.5** | | **---** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **---** | | **---** | | **40.** | | **---** | | **3.5** | | **---** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | |
| ARSENIC | 8. | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | |
| BARIUM | 2,000. | **108.** | | -- | | **144.** | | -- | | **35.9** | | -- | | **86.3** | | -- | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CADMIUM | 4. | **0.55** | | -- | | ND(0.4) | U | -- | | **1.2** | | -- | | ND(0.4) | U | -- | |
| CHROMIUM | 100. | ND(1.6) | U | -- | | **2.3** | | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | |
| COBALT | 100. | ND(1.7) | U | -- | | **8.6** | | -- | | ND(1.7) | U | -- | | **1.9** | | -- | |
| COPPER | 1,000. | **8.** | | -- | | ND(3.7) | U | -- | | ND(3.7) | U | -- | | **4.7** | | -- | |
| LEAD | 10. | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | |
| MANGANESE | 50. | **13.8** | | -- | | **5,160.** | | -- | | **205.** | | -- | | **2,100.** | | -- | |
| MERCURY | 2. | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | |
| NICKEL | 100. | ND(2.4) | U | -- | | **15.3** | | -- | | **11.** | | -- | | **7.9** | | -- | |
| SELENIUM | N/A | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | |
| SILVER | 30. | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | |
| THALLIUM | 10. | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | |
| VANADIUM | N/A | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | |
| ZINC | 5,000. | **131.** | | -- | | **13.** | | -- | | **407.** | | -- | | **14.2** | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-3 | | MW-3 | | MW-3A | | MW-3A | | MW-4 | | MW-4 | | MW-4A | | MW-4A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 560321 | | 562494 | | 560320 | | 562497 | | 560327 | | 562996 | | 560326 | | 562997 | |
| Date | | 9/2/2004 | | 9/10/2004 | | 9/2/2004 | | 9/10/2004 | | 9/2/2004 | | 9/13/2004 | | 9/2/2004 | | 9/13/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | -- | | ND(0.4) | U | -- | | **1.3** | | -- | | ND(0.4) | U | -- | | **0.4** | |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | **0.6** | | -- | | **1.3** | | -- | | ND(0.3) | U | -- | | **0.9** | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | 600. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **0.6** | | -- | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | -- | | ND(0.4) | U | -- | | **1.7** | | -- | | **0.6** | | -- | | **1.6** | |
| 1,4-DICHLOROBENZENE | 75. | -- | | ND(0.4) | U | -- | | **5.** | | -- | | **4.** | | -- | | **5.2** | |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| ACETONE | 700. | -- | | ND(1) | UJ | -- | | **12.** | J | -- | | **10.** | | -- | | **4.2** | |
| BENZENE | 1. | -- | | ND(0.3) | U | -- | | **0.3** | | -- | | **5.** | | -- | | **0.4** | |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMOMETHANE | 10. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ |
| CARBON DISULFIDE | 800. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CFC-113 | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROBENZENE | 50. | -- | | **1.1** | | -- | | **0.8** | | -- | | **35.** | | -- | | **2.2** | |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CHLOROETHANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ |
| CHLOROFORM | 6. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | **2.5** | | -- | | **14.** | | -- | | ND(0.4) | U | -- | | **4.4** | |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CUMENE | 800. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **1.9** | | -- | | ND(0.3) | U |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| ETHYLBENZENE | 700. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | **1.9** | |
| METHYLCYCLOHEXANE | 100. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | **0.5** | | -- | | ND(0.2) | U |
| MTBE | 70. | -- | | ND(0.3) | U | -- | | **0.6** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| STYRENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TOLUENE | 1,000. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **0.3** | | -- | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRICHLOROETHENE | 1. | -- | | **3.6** | | -- | | **0.6** | | -- | | ND(0.4) | U | -- | | **0.7** | |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **0.5** | | -- | | **0.8** | |
| XYLENE (TOTAL) | 1,000. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | **7.4** | | -- | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | **---** | | **7.8** | | **---** | | **37.6** | | **---** | | **65.8** | | **---** | | **22.7** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **472.** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **7.8** | | **---** | | **37.6** | | **---** | | **537.8** | | **---** | | **22.7** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | |
| ARSENIC | 8. | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | |
| BARIUM | 2,000. | **41.4** | | -- | | **969.** | | -- | | **1,100.** | | -- | | **135.** | | -- | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CADMIUM | 4. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHROMIUM | 100. | ND(1.6) | U | -- | | ND(1.6) | U | -- | | **4.5** | | -- | | ND(1.6) | U | -- | |
| COBALT | 100. | ND(1.7) | U | -- | | **4.6** | | -- | | **2.4** | | -- | | **2.1** | | -- | |
| COPPER | 1,000. | **4.2** | | -- | | ND(3.7) | U | -- | | **10.9** | | -- | | ND(3.7) | U | -- | |
| LEAD | 10. | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | |
| MANGANESE | 50. | **1,400.** | | -- | | **1,870.** | | -- | | **2,020.** | | -- | | **2,980.** | | -- | |
| MERCURY | 2. | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | |
| NICKEL | 100. | **19.3** | | -- | | **6.8** | | -- | | **66.7** | | -- | | **6.5** | | -- | |
| SELENIUM | N/A | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | |
| SILVER | 30. | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | |
| THALLIUM | 10. | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | |
| VANADIUM | N/A | ND(2) | U | -- | | ND(2) | U | -- | | **2.1** | | -- | | ND(2) | U | -- | |
| ZINC | 5,000. | **38.5** | | -- | | **16.7** | | -- | | **294.** | | -- | | **36.5** | | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-5 | | MW-5 | | MW-5A | | MW-5A | | MW-5A | | MW-6 | | MW-6 | | MW-6A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 560830 | | 562998 | | 560829 | | 560829 | | 562999 | | 560831 | | 563000 | | 560832 | |
| **Date** | | 9/3/2004 | | 9/13/2004 | | 9/3/2004 | | 9/3/2004 | | 9/13/2004 | | 9/3/2004 | | 9/13/2004 | | 9/3/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 2 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | -- | | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | -- | | **0.6** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | -- | | **2.6** | | -- | | -- | | ND(0.4) | U | -- | | **1.2** | | -- | |
| 1,4-DICHLOROBENZENE | 75. | -- | | **15.** | | -- | | -- | | **0.6** | | -- | | **9.7** | | -- | |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | -- | | **20.** | | -- | | -- | | **3.4** | | -- | | **8.7** | | -- | |
| BENZENE | 1. | -- | | **28.** | | -- | | -- | | ND(0.3) | U | -- | | **30.** | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | -- | | ND(0.3) | UJ | -- | | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CARBON DISULFIDE | 800. | -- | | **0.4** | | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | -- | | **38.** | | -- | | -- | | **2.4** | | -- | | **79.** | | -- | |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | -- | | ND(0.4) | UJ | -- | | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | |
| CHLOROFORM | 6. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | ND(0.4) | U | -- | | -- | | **0.4** | | -- | | ND(0.4) | U | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | -- | | **34.** | | -- | | -- | | ND(0.3) | U | -- | | **1.1** | | -- | |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | -- | | **3.7** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | -- | | **2.5** | | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | -- | | **1.3** | | -- | | -- | | ND(0.2) | U | -- | | **0.7** | | -- | |
| MTBE | 70. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | -- | | **1.2** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRICHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | -- | | -- | | **0.7** | | -- | | ND(0.4) | U | -- | |
| XYLENE (TOTAL) | 1,000. | -- | | **0.6** | | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **---** | | **147.9** | | **---** | | **---** | | **7.5** | | **---** | | **130.4** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **1,776.** | | **---** | | **---** | | **---** | | **---** | | **65.6** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **1,923.9** | | **---** | | **---** | | **7.5** | | **---** | | **196.** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | -- | | ND(11.6) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U |
| ARSENIC | 8. | ND(3.2) | U | -- | | -- | | ND(6.4) | U | -- | | **3.2** | | -- | | ND(3.2) | U |
| BARIUM | 2,000. | **1,400.** | | -- | | -- | | **945.** | | -- | | **463.** | | -- | | **1,360.** | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | -- | | ND(0.6) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CADMIUM | 4. | ND(0.4) | U | -- | | -- | | ND(0.8) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | **4.7** | | -- | | -- | | ND(3.2) | U | -- | | **2.2** | | -- | | **2.** | |
| COBALT | 100. | ND(1.7) | U | -- | | -- | | ND(3.4) | U | -- | | ND(1.7) | U | -- | | **11.6** | |
| COPPER | 1,000. | **10.7** | | -- | | -- | | **10.5** | | -- | | **6.1** | | -- | | **4.6** | |
| LEAD | 10. | **5.8** | | -- | | -- | | ND(5.2) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U |
| MANGANESE | 50. | **636.** | | -- | | -- | | **13,400.** | | -- | | **1,130.** | | -- | | **7,760.** | |
| MERCURY | 2. | ND(0.1) | U | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | **16.3** | | -- | | -- | | **12.3** | | -- | | **23.2** | | -- | | **34.2** | |
| SELENIUM | N/A | ND(4.2) | U | -- | | -- | | ND(8.4) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U |
| SILVER | 30. | ND(1.4) | U | -- | | -- | | ND(2.8) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U |
| THALLIUM | 10. | ND(4.7) | U | -- | | -- | | ND(9.4) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U |
| VANADIUM | N/A | ND(2) | U | -- | | -- | | ND(4) | U | -- | | **3.9** | | -- | | ND(2) | U |
| ZINC | 5,000. | ND(36.5) | U | -- | | -- | | ND(57.7) | U | -- | | ND(27.7) | U | -- | | ND(30.4) | U |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-6A | | MW-7 | | MW-7 | | MW-7A | | MW-7A | | MW-7A | | MW-8 | | MW-8 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 563001 | | 560833 | | 563004 | | 560834 | | 563005 | | 563006 | | 560842 | | 563503 | |
| **Date** | | 9/13/2004 | | 9/3/2004 | | 9/13/2004 | | 9/3/2004 | | 9/13/2004 | | 9/13/2004 | | 9/3/2004 | | 9/14/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | **0.4** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | *ND(0.3)* | U | -- | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | **1.** | | -- | | **0.7** | | **0.7** | | -- | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | **0.4** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **0.6** | | **0.6** | | -- | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | 75. | **0.6** | | -- | | **4.2** | | -- | | **2.2** | | **2.1** | | -- | | ND(0.4) | U |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| ACETONE | 700. | **3.3** | | -- | | **8.2** | | -- | | **6.** | | **5.2** | | -- | | ND(1) | U |
| BENZENE | 1. | ND(0.3) | U | -- | | **24.** | | -- | | **1.1** | | **1.** | | -- | | ND(0.3) | U |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMOMETHANE | 10. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | U |
| CARBON DISULFIDE | 800. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | UJ |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| CFC-113 | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROBENZENE | 50. | **3.6** | | -- | | **120.** | | -- | | **7.** | | **6.9** | | -- | | ND(0.3) | U |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U |
| CHLOROETHANE | 100. | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | ND(0.4) | UJ | -- | | ND(0.4) | U |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | **4.9** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CUMENE | 800. | **1.2** | | -- | | **7.4** | | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | **12.** | | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | UJ |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | **1.** | | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U |
| MTBE | 70. | **0.4** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | **0.4** | | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U |
| TRICHLOROETHENE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **0.6** | | **0.6** | | -- | | ND(0.4) | U |
| XYLENE (TOTAL) | 1,000. | **2.8** | | -- | | **9.2** | | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | **17.6** | | **---** | | **187.4** | | **---** | | **18.2** | | **17.1** | | **---** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **1,174.** | | **---** | | **41.3** | | **39.6** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **17.6** | | **---** | | **1,361.4** | | **---** | | **59.5** | | **56.7** | | **---** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | -- | | **6.7** | | -- | |
| ARSENIC | 8. | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | -- | | ND(3.2) | U | -- | |
| BARIUM | 2,000. | -- | | **3,000.** | | -- | | **290.** | | -- | | -- | | ND(1.7) | U | -- | |
| BERYLLIUM | 20. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | |
| CHROMIUM | 100. | -- | | **7.9** | | -- | | ND(1.6) | U | -- | | -- | | ND(1.6) | U | -- | |
| COBALT | 100. | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | -- | | ND(1.7) | U | -- | |
| COPPER | 1,000. | -- | | **51.1** | | -- | | ND(3.7) | U | -- | | -- | | **24.7** | | -- | |
| LEAD | 10. | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | -- | | ND(2.6) | U | -- | |
| MANGANESE | 50. | -- | | **543.** | | -- | | **2,900.** | | -- | | -- | | **294.** | | -- | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | |
| NICKEL | 100. | -- | | **23.5** | | -- | | **4.7** | | -- | | -- | | **690.** | | -- | |
| SELENIUM | N/A | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | -- | | ND(4.2) | U | -- | |
| SILVER | 30. | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | -- | | ND(1.4) | U | -- | |
| THALLIUM | 10. | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | -- | | ND(4.7) | U | -- | |
| VANADIUM | N/A | -- | | ND(2) | U | -- | | ND(2) | U | -- | | -- | | ND(2) | U | -- | |
| ZINC | 5,000. | -- | | **147.** | | -- | | ND(22.9) | U | -- | | -- | | ND(28.5) | U | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-9 | | MW-9 | | MW-9A | | MW-9A | | MW-10 | | MW-10 | | MW-11 | | MW-11 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 560838 | | 563497 | | 560839 | | 563498 | | 560837 | | 563496 | | 560836 | | 563494 | |
| Date | | 9/3/2004 | | 9/14/2004 | | 9/3/2004 | | 9/14/2004 | | 9/3/2004 | | 9/14/2004 | | 9/3/2004 | | 9/14/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | -- | | **0.7** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | ND(0.3) | U | -- | | **1.1** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | 600. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | -- | | ND(0.4) | U | -- | | **21.** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | 75. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| ACETONE | 700. | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U |
| BENZENE | 1. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMOMETHANE | 10. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CARBON DISULFIDE | 800. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **0.5** | |
| CFC-113 | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROBENZENE | 50. | -- | | ND(0.3) | U | -- | | **0.6** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CHLOROETHANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHLOROFORM | 6. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | **0.7** | | -- | | **0.4** | | -- | | **1.3** | | -- | | **5.4** | |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CUMENE | 800. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| ETHYLBENZENE | 700. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| METHYLCYCLOHEXANE | 100. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| MTBE | 70. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| STYRENE | 100. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TOLUENE | 1,000. | -- | | **0.5** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | **0.4** | | -- | | **2.9** | | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ |
| TRICHLOROETHENE | 1. | -- | | **3.4** | | -- | | ND(0.4) | U | -- | | **6.** | | -- | | **23.** | |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| XYLENE (TOTAL) | 1,000. | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | **---** | | **5.7** | | **---** | | **26.** | | **---** | | **7.3** | | **---** | | **28.9** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **5.7** | | **---** | | **26.** | | **---** | | **7.3** | | **---** | | **28.9** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | |
| ARSENIC | 8. | **3.8** | | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | |
| BARIUM | 2,000. | **191.** | | -- | | **27.6** | | -- | | **63.1** | | -- | | **161.** | | -- | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CADMIUM | 4. | **2.1** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHROMIUM | 100. | **2.5** | | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | |
| COBALT | 100. | **2.6** | | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | |
| COPPER | 1,000. | **17.** | | -- | | **13.6** | | -- | | **8.7** | | -- | | **131.** | | -- | |
| LEAD | 10. | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | |
| MANGANESE | 50. | **3,610.** | | -- | | **601.** | | -- | | **16.6** | | -- | | **5.3** | | -- | |
| MERCURY | 2. | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | |
| NICKEL | 100. | **216.** | | -- | | **7.1** | | -- | | **16.4** | | -- | | **12.** | | -- | |
| SELENIUM | N/A | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | |
| SILVER | 30. | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | |
| THALLIUM | 10. | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | |
| VANADIUM | N/A | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | |
| ZINC | 5,000. | **214.** | | -- | | ND(35.9) | U | -- | | **63.8** | | -- | | ND(44.7) | U | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-11A | | MW-11A | | MW-11A | | MW-12R | | MW-12R | | MW-13 | | MW-13 | | MW-14A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 560835 | | 563492 | | 563493 | | 560331 | | 563495 | | 560317 | | 562047 | | 562054 | |
| Date | | 9/3/2004 | | 9/14/2004 | | 9/14/2004 | | 9/2/2004 | | 9/14/2004 | | 9/2/2004 | | 9/9/2004 | | 9/9/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | -- | | ND(1) | U | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | |
| BENZENE | 1. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | UJ | -- | |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | **0.4** | | **0.5** | | -- | | **0.8** | | -- | | **0.4** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| TRICHLOROETHENE | 1. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | **2.5** | | -- | | ND(0.4) | U | -- | |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| XYLENE (TOTAL) | 1,000. | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **---** | | **0.4** | | **0.5** | | **---** | | **3.3** | | **---** | | **0.4** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **0.4** | | **0.5** | | **---** | | **3.3** | | **---** | | **0.4** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(3.9) | U |
| ARSENIC | 8. | ND(3.2) | U | -- | | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.5) | U |
| BARIUM | 2,000. | **296.** | | -- | | -- | | **70.4** | | -- | | **458.** | | -- | | **270.** | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.1) | U |
| CADMIUM | 4. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | ND(1.6) | U | -- | | -- | | **4.6** | | -- | | ND(1.6) | U | -- | | ND(2.8) | U |
| COBALT | 100. | ND(1.7) | U | -- | | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(3.5) | U |
| COPPER | 1,000. | **4.1** | | -- | | -- | | **9.8** | | -- | | ND(3.7) | U | -- | | ND(3.1) | U |
| LEAD | 10. | ND(2.6) | U | -- | | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.2) | U |
| MANGANESE | 50. | **1,050.** | | -- | | -- | | **141.** | | -- | | **921.** | | -- | | **225.** | |
| MERCURY | 2. | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | **4.3** | | -- | | -- | | **33.2** | | -- | | ND(2.4) | U | -- | | ND(3.9) | U |
| SELENIUM | N/A | ND(4.2) | U | -- | | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.7) | U |
| SILVER | 30. | ND(1.4) | U | -- | | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.8) | U |
| THALLIUM | 10. | ND(4.7) | U | -- | | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.4) | U |
| VANADIUM | N/A | ND(2) | U | -- | | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(1.5) | U |
| ZINC | 5,000. | ND(30.1) | U | -- | | -- | | **123.** | | -- | | **10.4** | | -- | | **10.7** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-14A | | MW-15 | | MW-15 | | MW-15 | | MW-15A | | MW-15A | | MW-16A | | MW-16A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 562058 | | 559887 | | 559888 | | 561679 | | 560316 | | 562045 | | 562055 | | 562056 | |
| **Date** | | 9/9/2004 | | 9/1/2004 | | 9/1/2004 | | 9/8/2004 | | 9/2/2004 | | 9/9/2004 | | 9/9/2004 | | 9/9/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| ACETONE | 700. | ND(1) | U | -- | | -- | | ND(1) | U | -- | | ND(1) | U | -- | | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | UJ | -- | | -- | | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CFC-113 | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | UJ | -- | | ND(0.3) | U | -- | | -- | |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | -- | | ND(0.3) | UJ | -- | | ND(0.3) | U | -- | | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | -- | | **0.5** | | -- | | ND(0.3) | U | -- | | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | ND(0.4) | U | -- | | -- | | **2.5** | | -- | | **2.1** | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | **0.5** | | -- | | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | -- | | **1.4** | | -- | | ND(0.4) | U | -- | | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | -- | |
| TRICHLOROETHENE | 1. | ND(0.4) | U | -- | | -- | | **2.3** | | -- | | **2.2** | | -- | | -- | |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | -- | | ND(0.4) | UJ | -- | | ND(0.4) | U | -- | | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| **TOTAL TARGETED OF VOCs** | | --- | | --- | | --- | | **6.7** | | --- | | **4.8** | | --- | | --- | |
| **TOTAL NON-TARGETED OF VOCs** | | --- | | --- | | --- | | --- | | --- | | **10.** | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | --- | | --- | | --- | | **6.7** | | --- | | **14.8** | | --- | | --- | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(5.8) | U | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(3.9) | U | ND(3.9) | U |
| ARSENIC | 8. | -- | | ND(3.2) | U | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.5) | U | ND(3.5) | U |
| BARIUM | 2,000. | -- | | **168.** | | **170.** | | -- | | **574.** | | -- | | **219.** | | **218.** | |
| BERYLLIUM | 20. | -- | | **0.54** | | **0.58** | | -- | | ND(0.3) | U | -- | | ND(0.1) | U | ND(0.1) | U |
| CADMIUM | 4. | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U |
| CHROMIUM | 100. | -- | | **12.3** | | **10.9** | | -- | | ND(1.6) | U | -- | | ND(2.8) | U | ND(2.8) | U |
| COBALT | 100. | -- | | ND(1.7) | U | ND(1.7) | U | -- | | ND(1.7) | U | -- | | **29.2** | | **30.5** | |
| COPPER | 1,000. | -- | | **4.8** | | **6.** | | -- | | ND(3.7) | U | -- | | **4.3** | | **4.** | |
| LEAD | 10. | -- | | ND(2.6) | U | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.2) | U | ND(2.2) | U |
| MANGANESE | 50. | -- | | **6.6** | | **6.9** | | -- | | **1,010.** | | -- | | **10,800.** | | **11,200.** | |
| MERCURY | 2. | -- | | ND(0.1) | U | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | ND(0.1) | U |
| NICKEL | 100. | -- | | **10.2** | | **10.4** | | -- | | **4.8** | | -- | | **21.7** | | **22.7** | |
| SELENIUM | N/A | -- | | ND(4.2) | U | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.7) | U | ND(4.7) | U |
| SILVER | 30. | -- | | ND(1.4) | U | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.8) | U | ND(0.8) | U |
| THALLIUM | 10. | -- | | ND(4.7) | U | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.4) | U | ND(4.4) | U |
| VANADIUM | N/A | -- | | ND(2) | U | ND(2) | U | -- | | ND(2) | U | -- | | ND(1.5) | U | ND(1.5) | U |
| ZINC | 5,000. | -- | | **18.5** | | **20.1** | | -- | | **11.2** | | -- | | **34.2** | | **18.2** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-16A | | MW-17A | | MW-17A | | MW-18 | | MW-18 | | MW-19 | | MW-19 | | MW-20 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 563491 | | 561693 | | 562500 | | 561686 | | 562501 | | 561690 | | 562060 | | 561691 | |
| **Date** | | 9/14/2004 | | 9/8/2004 | | 9/10/2004 | | 9/8/2004 | | 9/10/2004 | | 9/8/2004 | | 9/9/2004 | | 9/8/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **1.8** | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | ND(1) | U | -- | | ND(1) | UJ | -- | | ND(1) | UJ | -- | | ND(1) | U | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | UJ | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **0.4** | | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | **2.6** | | -- | | ND(0.4) | U | -- | | **2.** | | -- | | **4.5** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **13.** | | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **0.9** | | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | **0.4** | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | UJ | -- | |
| TRICHLOROETHENE | 1. | **31.** | | -- | | ND(0.4) | U | -- | | **4.9** | | -- | | **13.** | | -- | |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **1.1** | | -- | | ND(0.4) | U | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | **0.6** | | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **33.6** | | **---** | | **0.4** | | **---** | | **22.5** | | **---** | | **19.7** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **668.2** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **33.6** | | **---** | | **0.4** | | **---** | | **690.7** | | **---** | | **19.7** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | | ND(3.9) | U |
| ARSENIC | 8. | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | | ND(3.5) | U |
| BARIUM | 2,000. | -- | | **473.** | | -- | | **137.** | | -- | | **59.7** | | -- | | **85.7** | |
| BERYLLIUM | 20. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | -- | | ND(2.8) | U | -- | | ND(2.8) | U | -- | | **151.** | | -- | | **5.** | |
| COBALT | 100. | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | | **5.1** | | -- | | ND(3.5) | U |
| COPPER | 1,000. | -- | | ND(3.1) | U | -- | | ND(3.1) | U | -- | | ND(3.1) | U | -- | | **4.6** | |
| LEAD | 10. | -- | | ND(2.2) | U | -- | | ND(2.2) | U | -- | | ND(2.2) | U | -- | | **7.** | |
| MANGANESE | 50. | -- | | **58.2** | | -- | | **1,090.** | | -- | | **379.** | | -- | | **10.7** | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | -- | | ND(3.9) | U | -- | | **4.9** | | -- | | **6.8** | | -- | | **8.** | |
| SELENIUM | N/A | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | **4.9** | |
| SILVER | 30. | -- | | ND(0.8) | U | -- | | ND(0.8) | U | -- | | ND(0.8) | U | -- | | ND(0.8) | U |
| THALLIUM | 10. | -- | | ND(4.4) | U | -- | | ND(4.4) | U | -- | | ND(4.4) | U | -- | | ND(4.4) | U |
| VANADIUM | N/A | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | | ND(1.5) | U |
| ZINC | 5,000. | -- | | **17.1** | | -- | | **16.5** | | -- | | **15.6** | | -- | | **25.1** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-20 | | MW-21 | | MW-21 | | MW-21 | | MW-21A | | MW-21A | | MW-22 | | MW-22A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 562061 | | 559883 | | 561676 | | 561677 | | 559884 | | 561684 | | 560840 | | 560841 | |
| Date | | 9/9/2004 | | 9/1/2004 | | 9/8/2004 | | 9/8/2004 | | 9/1/2004 | | 9/8/2004 | | 9/3/2004 | | 9/3/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(0.3)* | U | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| ACETONE | 700. | ND(1) | U | -- | | ND(1) | U | ND(1) | U | -- | | ND(1) | U | -- | | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | UJ | -- | | ND(0.2) | UJ | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CFC-113 | 100. | ND(0.3) | U | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | -- | |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CHLOROFORM | 6. | **1.7** | | -- | | **1.2** | | **1.2** | | -- | | **0.6** | | -- | | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | ND(0.4) | U | -- | | **3.5** | | **3.3** | | -- | | **8.6** | | -- | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | **0.6** | | **0.5** | | -- | | **0.6** | | -- | | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | **1.2** | | **1.2** | | -- | | ND(0.4) | U | -- | | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | -- | |
| TRICHLOROETHENE | 1. | **12.** | | -- | | **22.** | | **22.** | | -- | | **1.** | | -- | | -- | |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | ND(0.4) | UJ | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | | -- | |
| **TOTAL TARGETED OF VOCs** | | **13.7** | | **---** | | **28.5** | | **28.2** | | **---** | | **10.8** | | **---** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **13.7** | | **---** | | **28.5** | | **28.2** | | **---** | | **10.8** | | **---** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(5.8) | U | -- | | -- | | ND(5.8) | U | -- | | ND(5.8) | U | ND(5.8) | U |
| ARSENIC | 8. | -- | | ND(3.2) | U | -- | | -- | | ND(3.2) | U | -- | | ND(3.2) | U | ND(3.2) | U |
| BARIUM | 2,000. | -- | | **186.** | | -- | | -- | | **569.** | | -- | | **63.9** | | **527.** | |
| BERYLLIUM | 20. | -- | | **0.59** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U |
| CADMIUM | 4. | -- | | **0.45** | | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U |
| CHROMIUM | 100. | -- | | **8.9** | | -- | | -- | | **4.2** | | -- | | **4.8** | | ND(1.6) | U |
| COBALT | 100. | -- | | **4.3** | | -- | | -- | | ND(1.7) | U | -- | | ND(1.7) | U | **2.4** | |
| COPPER | 1,000. | -- | | **5.** | | -- | | -- | | **5.6** | | -- | | **12.9** | | **5.1** | |
| LEAD | 10. | -- | | ND(2.6) | U | -- | | -- | | ND(2.6) | U | -- | | ND(2.6) | U | ND(2.6) | U |
| MANGANESE | 50. | -- | | **251.** | | -- | | -- | | **157.** | | -- | | **82.5** | | **1,330.** | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U | ND(0.1) | U |
| NICKEL | 100. | -- | | **11.6** | | -- | | -- | | **3.5** | | -- | | **27.7** | | **6.5** | |
| SELENIUM | N/A | -- | | ND(4.2) | U | -- | | -- | | ND(4.2) | U | -- | | ND(4.2) | U | ND(4.2) | U |
| SILVER | 30. | -- | | ND(1.4) | U | -- | | -- | | ND(1.4) | U | -- | | ND(1.4) | U | ND(1.4) | U |
| THALLIUM | 10. | -- | | ND(4.7) | U | -- | | -- | | ND(4.7) | U | -- | | ND(4.7) | U | ND(4.7) | U |
| VANADIUM | N/A | -- | | ND(2) | U | -- | | -- | | ND(2) | U | -- | | ND(2) | U | ND(2) | U |
| ZINC | 5,000. | -- | | **101.** | | -- | | -- | | **17.4** | | -- | | **349.** | | ND(26.8) | U |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-22A | | MW-23 | | MW-23 | | MW-24 | | MW-24 | | MW-25 | | MW-25 | | MW-26 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 563500 | | 559885 | | 562044 | | 559889 | | 561672 | | 559890 | | 561678 | | 560328 | |
| **Date** | | 9/14/2004 | | 9/1/2004 | | 9/9/2004 | | 9/1/2004 | | 9/8/2004 | | 9/1/2004 | | 9/8/2004 | | 9/2/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | U | -- | | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **1.2** | | -- | | **1.4** | | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | ND(0.4) | U | -- | | **65.** | | -- | | **1.9** | | -- | | **4.6** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | **0.9** | | -- | | **0.9** | | -- | | **0.8** | | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | **0.7** | | -- | | **1.5** | | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| TRICHLOROETHENE | 1. | **0.5** | | -- | | **20.** | | -- | | **17.** | | -- | | **11.** | | -- | |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | **2.5** | | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **0.5** | | **---** | | **88.4** | | **---** | | **21.7** | | **---** | | **19.3** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **4.5** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **0.5** | | **---** | | **92.9** | | **---** | | **21.7** | | **---** | | **19.3** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U |
| ARSENIC | 8. | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U |
| BARIUM | 2,000. | -- | | **286.** | | -- | | **141.** | | -- | | **91.5** | | -- | | **132.** | |
| BERYLLIUM | 20. | -- | | **0.44** | | -- | | **1.3** | | -- | | **0.7** | | -- | | ND(0.3) | U |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | -- | | ND(1.6) | U | -- | | **2.** | | -- | | **1.6** | | -- | | ND(1.6) | U |
| COBALT | 100. | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(1.7) | U |
| COPPER | 1,000. | -- | | **5.6** | | -- | | **5.5** | | -- | | **4.6** | | -- | | **4.4** | |
| LEAD | 10. | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U |
| MANGANESE | 50. | -- | | **268.** | | -- | | **30.7** | | -- | | **124.** | | -- | | **569.** | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | -- | | **6.4** | | -- | | **13.1** | | -- | | **14.** | | -- | | **7.9** | |
| SELENIUM | N/A | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U |
| SILVER | 30. | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U |
| THALLIUM | 10. | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U |
| VANADIUM | N/A | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U |
| ZINC | 5,000. | -- | | **21.8** | | -- | | **23.2** | | -- | | **20.2** | | -- | | **13.1** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-26 | | MW-26 | | MW-27 | | MW-27 | | MW-27 | | MW-27A | | MW-27A | | MW-28 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 560329 | | 562049 | | 560324 | | 560324 | | 563002 | | 560325 | | 563003 | | 561685 | |
| **Date** | | 9/2/2004 | | 9/9/2004 | | 9/2/2004 | | 9/2/2004 | | 9/13/2004 | | 9/2/2004 | | 9/13/2004 | | 9/8/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 1 | | 2 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | -- | | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | -- | | ND(0.4) | U | -- | | -- | | **0.6** | | -- | | **0.5** | | -- | |
| 1,1-DICHLOROETHENE | 2. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | -- | | *ND(0.3)* | U | -- | | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | -- | | ND(0.3) | U | -- | | -- | | **0.4** | | -- | | **0.3** | | -- | |
| 1,2-DICHLOROETHANE | 2. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | -- | | ND(0.4) | U | -- | | -- | | **3.1** | | -- | | **2.7** | | -- | |
| 1,4-DICHLOROBENZENE | 75. | -- | | ND(0.4) | U | -- | | -- | | **11.** | | -- | | **9.8** | | -- | |
| 2-HEXANONE | 100. | -- | | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | -- | | ND(1) | U | -- | | -- | | ND(1) | U | -- | | **4.** | | -- | |
| BENZENE | 1. | -- | | ND(0.3) | U | -- | | -- | | **0.4** | | -- | | **0.4** | | -- | |
| BROMODICHLOROMETHANE | 1. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CARBON DISULFIDE | 800. | -- | | ND(0.2) | UJ | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CARBON TETRACHLORIDE | 2. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | -- | | ND(0.3) | U | -- | | -- | | **1.5** | | -- | | **1.5** | | -- | |
| CHLORODIBROMOMETHANE | 10. | -- | | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | |
| CHLOROFORM | 6. | -- | | **0.8** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROMETHANE | 30. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | -- | | **20.** | | -- | | -- | | **26.** | | -- | | **17.** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | -- | | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | -- | | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | -- | | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | **1.3** | | -- | |
| METHYLCYCLOHEXANE | 100. | -- | | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | -- | | **0.8** | | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | -- | | **0.6** | | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | -- | | ND(0.3) | UJ | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRICHLOROETHENE | 1. | -- | | **20.** | | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| VINYL CHLORIDE | 5. | -- | | ND(0.4) | U | -- | | -- | | **1.6** | | -- | | **1.3** | | -- | |
| XYLENE (TOTAL) | 1,000. | -- | | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **---** | | **42.2** | | **---** | | **---** | | **44.6** | | **---** | | **38.8** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **---** | | **42.2** | | **---** | | **---** | | **44.6** | | **---** | | **38.8** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | ND(5.8) | U | -- | | ND(5.8) | U | -- | | -- | | ND(5.8) | U | -- | | ND(3.9) | U |
| ARSENIC | 8. | ND(3.2) | U | -- | | ND(3.2) | U | -- | | -- | | ND(3.2) | U | -- | | ND(3.5) | U |
| BARIUM | 2,000. | **130.** | | -- | | **82.** | | -- | | -- | | **63.7** | | -- | | **337.** | |
| BERYLLIUM | 20. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.1) | U |
| CADMIUM | 4. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | ND(1.6) | U | -- | | **2.2** | | -- | | -- | | **1.7** | | -- | | ND(2.8) | U |
| COBALT | 100. | ND(1.7) | U | -- | | **14.2** | | -- | | -- | | **7.8** | | -- | | **8.2** | |
| COPPER | 1,000. | **4.7** | | -- | | ND(3.7) | U | -- | | -- | | ND(3.7) | U | -- | | ND(3.1) | U |
| LEAD | 10. | ND(2.6) | U | -- | | ND(2.6) | U | -- | | -- | | ND(2.6) | U | -- | | **2.2** | |
| MANGANESE | 50. | **566.** | | -- | | -- | | **11,700.** | | -- | | **8,050.** | | -- | | **6,330.** | |
| MERCURY | 2. | ND(0.1) | U | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | **8.** | | -- | | **8.4** | | -- | | -- | | **12.6** | | -- | | **54.3** | |
| SELENIUM | N/A | ND(4.2) | U | -- | | ND(4.2) | U | -- | | -- | | ND(4.2) | U | -- | | ND(4.7) | U |
| SILVER | 30. | ND(1.4) | U | -- | | ND(1.4) | U | -- | | -- | | ND(1.4) | U | -- | | ND(0.8) | U |
| THALLIUM | 10. | ND(4.7) | U | -- | | ND(4.7) | U | -- | | -- | | ND(4.7) | U | -- | | ND(4.4) | U |
| VANADIUM | N/A | ND(2) | U | -- | | ND(2) | U | -- | | -- | | ND(2) | U | -- | | ND(1.5) | U |
| ZINC | 5,000. | **12.3** | | -- | | **8.3** | | -- | | -- | | **18.5** | | -- | | **21.2** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-28 | | MW-30 | | MW-30 | | MW-31 | | MW-31 | | MW-32 | | MW-32 | | MW-33 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 563499 | | 561687 | | 562502 | | 561688 | | 562503 | | 561174 | | 563903 | | 559880 | |
| **Date** | | 9/14/2004 | | 9/8/2004 | | 9/10/2004 | | 9/8/2004 | | 9/10/2004 | | 9/7/2004 | | 9/15/2004 | | 9/1/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 5 | | 1 | | 5 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | **5.8** | | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | *ND(2.3)* | U | -- | | *ND(2.3)* | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | **14.** | | -- | | **11.** | | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | *ND(1.9)* | U | -- | | *ND(1.9)* | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(1.7)* | U | -- | | *ND(1.7)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | **7.1** | | -- | | **2.1** | | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | ND(1.8) | U | -- | | ND(1.8) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | *ND(1.8)* | U | -- | | *ND(1.8)* | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | ND(1.9) | U | -- | | ND(1.9) | U | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(4.6) | U | -- | | ND(4.6) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(2.1) | U | -- | | ND(2.1) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | ND(1) | U | -- | | ND(4.8) | UJ | -- | | ND(4.8) | UJ | -- | | ND(1) | U | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | **22.** | | -- | | **5.8** | | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | *ND(1.4)* | U | -- | | *ND(1.4)* | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | U | -- | | ND(1.2) | U | -- | | ND(1.2) | U | -- | | ND(0.2) | U | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(1.8) | U | -- | | ND(1.8) | U | -- | | **2.7** | | -- | |
| CFC-113 | 100. | ND(0.3) | U | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | **170.** | | -- | | **15.** | | -- | | ND(0.3) | U | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | ND(1.8) | U | -- | | ND(1.8) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | ND(1.7) | U | -- | | ND(1.7) | U | -- | | ND(0.3) | U | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(1.9) | U | -- | | ND(1.9) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | **20.** | | -- | | ND(1.8) | U | -- | | **7.3** | | -- | | **1.** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | **390.** | | -- | | **440.** | | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | *ND(4.6)* | U | -- | | *ND(4.6)* | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | **910.** | | -- | | **280.** | | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(2.4) | U | -- | | ND(2.4) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(4.6) | U | -- | | ND(4.6) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | **3.9** | | -- | | ND(1) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | **2.4** | | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | *ND(1.8)* | U | -- | | *ND(1.8)* | U | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | **90.** | | -- | | **17.** | | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(1.6) | U | -- | | ND(1.6) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(1.8) | U | -- | | ND(1.8) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(0.3) | U | -- | |
| TRICHLOROETHENE | 1. | **4.2** | | -- | | *ND(2)* | U | -- | | **2.6** | | -- | | **7.5** | | -- | |
| VINYL CHLORIDE | 5. | **3.2** | | -- | | ND(1.8) | U | -- | | **2.7** | | -- | | ND(0.4) | U | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | **5,600.** | | -- | | **390.** | | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **27.4** | | **---** | | **7,207.** | | **---** | | **1,181.7** | | **---** | | **11.2** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **6,147.** | | **---** | | **8,324.** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **27.4** | | **---** | | **13,354.** | | **---** | | **9,505.7** | | **---** | | **11.2** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | | ND(5.8) | U |
| ARSENIC | 8. | -- | | **4.4** | | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | | ND(3.2) | U |
| BARIUM | 2,000. | -- | | **672.** | | -- | | **90.5** | | -- | | **22.5** | | -- | | **127.** | |
| BERYLLIUM | 20. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.3) | U |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | -- | | ND(2.8) | U | -- | | ND(2.8) | U | -- | | ND(2.8) | U | -- | | ND(1.6) | U |
| COBALT | 100. | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | | **7.3** | | -- | | **4.3** | |
| COPPER | 1,000. | -- | | ND(3.1) | U | -- | | ND(3.1) | U | -- | | ND(3.1) | U | -- | | ND(3.7) | U |
| LEAD | 10. | -- | | ND(2.2) | U | -- | | **10.5** | | -- | | ND(2.2) | U | -- | | ND(2.6) | U |
| MANGANESE | 50. | -- | | **8,530.** | | -- | | **1,610.** | | -- | | **2,490.** | | -- | | **737.** | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | | **15.** | | -- | | **10.4** | |
| SELENIUM | N/A | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.2) | U |
| SILVER | 30. | -- | | ND(0.8) | U | -- | | ND(0.8) | U | -- | | ND(0.8) | U | -- | | ND(1.4) | U |
| THALLIUM | 10. | -- | | ND(4.4) | U | -- | | ND(4.4) | U | -- | | ND(4.4) | U | -- | | ND(4.7) | U |
| VANADIUM | N/A | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | | ND(2) | U |
| ZINC | 5,000. | -- | | **10.5** | | -- | | **14.1** | | -- | | **23.8** | J | -- | | **20.9** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | MW-33 | | MW-33A | | MW-33A | | MW-34 | | MW-34 | | MW-34A | | MW-34A | | MW-35 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 561673 | | 559879 | | 561674 | | 559881 | | 561675 | | 559882 | | 561680 | | 560314 | |
| Date | | 9/8/2004 | | 9/1/2004 | | 9/8/2004 | | 9/1/2004 | | 9/8/2004 | | 9/1/2004 | | 9/8/2004 | | 9/2/2004 | |
| Depth | | to | | to | | to | | to | | to | | to | | to | | to | |
| Matrix | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| Dilution Factor | GWQS | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U | -- | |
| BENZENE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | **0.8** | J | -- | | ND(0.2) | UJ | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CFC-12 | 1,000. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | **1.6** | | -- | | ND(0.3) | U | -- | | **0.9** | | -- | |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | ND(0.4) | U | -- | | **37.** | | -- | | **1.9** | | -- | | **47.** | | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | ND(0.3) | U | -- | | **0.7** | | -- | | ND(0.3) | U | -- | | **1.** | | -- | |
| STYRENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | **1.9** | | -- | | ND(0.4) | U | -- | | **1.5** | | -- | |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| TRICHLOROETHENE | 1. | **4.1** | | -- | | **100.** | | -- | | **7.5** | | -- | | **140.** | | -- | |
| VINYL CHLORIDE | 5. | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | | ND(0.4) | UJ | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **4.1** | | **---** | | **141.2** | | **---** | | **10.2** | | **---** | | **190.4** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **4.1** | | **---** | | **141.2** | | **---** | | **10.2** | | **---** | | **190.4** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U | -- | | ND(5.8) | U |
| ARSENIC | 8. | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U | -- | | ND(3.2) | U |
| BARIUM | 2,000. | -- | | **394.** | | -- | | **83.2** | | -- | | **113.** | | -- | | **168.** | |
| BERYLLIUM | 20. | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | **0.52** | |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | -- | | **9.7** | | -- | | ND(1.6) | U | -- | | **2.6** | | -- | | **2.4** | |
| COBALT | 100. | -- | | ND(1.7) | U | -- | | **8.3** | | -- | | ND(1.7) | U | -- | | **12.8** | |
| COPPER | 1,000. | -- | | **20.3** | | -- | | ND(3.7) | U | -- | | **4.** | | -- | | ND(3.7) | U |
| LEAD | 10. | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U | -- | | ND(2.6) | U |
| MANGANESE | 50. | -- | | **2.4** | | -- | | **847.** | | -- | | **96.5** | | -- | | **1,560.** | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | -- | | ND(2.4) | U | -- | | **14.** | | -- | | **12.4** | | -- | | **24.7** | |
| SELENIUM | N/A | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U | -- | | ND(4.2) | U |
| SILVER | 30. | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U | -- | | ND(1.4) | U |
| THALLIUM | 10. | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | | ND(4.7) | U |
| VANADIUM | N/A | -- | | **3.1** | | -- | | ND(2) | U | -- | | ND(2) | U | -- | | ND(2) | U |
| ZINC | 5,000. | -- | | **14.7** | | -- | | **22.** | | -- | | **27.4** | | -- | | **30.** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| **Location** | | MW-35 | | MW-35 | | MW-35A | | MW-35A | | MW-35A | | MW-36 | | MW-36 | | UST-1 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 561681 | | 568799 | | 560315 | | 562046 | | 568801 | | 562053 | | 562059 | | 561689 | |
| **Date** | | 9/8/2004 | | 9/30/2004 | | 9/2/2004 | | 9/9/2004 | | 9/30/2004 | | 9/9/2004 | | 9/9/2004 | | 9/8/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.9) | U | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,1-DICHLOROETHANE | 50. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | **0.6** | | -- | | ND(0.4) | U | -- | |
| 1,1-DICHLOROETHENE | 2. | ND(0.7) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.7)* | U | *ND(0.3)* | U | -- | | *ND(0.3)* | U | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | |
| 1,2-DICHLOROBENZENE | 600. | ND(0.7) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | **1.** | | -- | |
| 1,2-DICHLOROETHANE | 2. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,2-DICHLOROPROPANE | 1. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| 1,3-DICHLOROBENZENE | 600. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | **0.8** | | -- | | ND(0.4) | U | -- | |
| 1,4-DICHLOROBENZENE | 75. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | **0.7** | | -- | | ND(0.4) | U | -- | |
| 2-HEXANONE | 100. | ND(1.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | UJ | -- | | ND(0.9) | U | -- | |
| 4-METHYL-2-PENTANONE | 400. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| ACETONE | 700. | ND(1.9) | U | ND(1) | U | -- | | ND(1) | U | ND(1) | U | -- | | ND(1) | U | -- | |
| BENZENE | 1. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMODICHLOROMETHANE | 1. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| BROMOMETHANE | 10. | ND(0.7) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CARBON DISULFIDE | 800. | ND(0.5) | UJ | ND(0.2) | UJ | -- | | ND(0.2) | UJ | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | |
| CARBON TETRACHLORIDE | 2. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-11 | 2,000. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CFC-113 | 100. | ND(0.6) | UJ | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CFC-12 | 1,000. | ND(0.6) | UJ | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CHLOROBENZENE | 50. | ND(0.5) | U | ND(0.3) | U | -- | | **0.8** | | ND(0.3) | U | -- | | **0.4** | | -- | |
| CHLORODIBROMOMETHANE | 10. | ND(0.4) | U | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| CHLOROETHANE | 100. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHLOROFORM | 6. | **1.6** | | **1.** | | -- | | ND(0.3) | U | **1.1** | | -- | | ND(0.3) | U | -- | |
| CHLOROMETHANE | 30. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CIS-1,2-DICHLOROETHENE | 70. | **82.** | | **48.** | | -- | | **2.6** | | **18.** | | -- | | ND(0.4) | U | -- | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.5) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CUMENE | 800. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| CYCLOHEXANE | 100. | ND(0.8) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| DICHLOROMETHANE | 3. | ND(1.8) | U | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | U | -- | | ND(0.9) | U | -- | |
| ETHYLBENZENE | 700. | ND(0.7) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| METHYL ACETATE | 7,000. | ND(0.9) | U | ND(0.5) | U | -- | | ND(0.5) | U | ND(0.5) | U | -- | | ND(0.5) | U | -- | |
| METHYL ETHYL KETONE | 300. | ND(1.8) | U | ND(0.9) | U | -- | | ND(0.9) | U | ND(0.9) | UJ | -- | | ND(0.9) | U | -- | |
| METHYLCYCLOHEXANE | 100. | ND(0.4) | U | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| MTBE | 70. | **1.1** | | **0.6** | | -- | | ND(0.3) | U | **0.8** | | -- | | ND(0.3) | U | -- | |
| STYRENE | 100. | ND(0.6) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TETRACHLOROETHENE | 1. | **0.8** | | **0.8** | | -- | | ND(0.4) | U | **1.3** | | -- | | ND(0.4) | U | -- | |
| TOLUENE | 1,000. | ND(0.5) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.7) | U | ND(0.3) | U | -- | | ND(0.3) | U | ND(0.3) | U | -- | | ND(0.3) | U | -- | |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.7) | U | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| TRIBROMOMETHANE | 4. | ND(0.5) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | ND(0.3) | UJ | -- | | ND(0.3) | UJ | -- | |
| TRICHLOROETHENE | 1. | **270.** | | **190.** | | -- | | **3.** | | **34.** | | -- | | ND(0.4) | U | -- | |
| VINYL CHLORIDE | 5. | ND(0.7) | UJ | ND(0.4) | U | -- | | ND(0.4) | U | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| XYLENE (TOTAL) | 1,000. | ND(0.4) | U | ND(0.2) | U | -- | | ND(0.2) | U | ND(0.2) | U | -- | | ND(0.2) | U | -- | |
| **TOTAL TARGETED OF VOCs** | | **355.5** | | **240.4** | | **---** | | **6.4** | | **57.3** | | **---** | | **1.4** | | **---** | |
| **TOTAL NON-TARGETED OF VOCs** | | **---** | | **---** | | **---** | | **---** | | **---** | | **---** | | **42.** | | **---** | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **355.5** | | **240.4** | | **---** | | **6.4** | | **57.3** | | **---** | | **43.4** | | **---** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | -- | | ND(5.8) | U | -- | | -- | | ND(3.9) | U | -- | | ND(3.9) | U |
| ARSENIC | 8. | -- | | -- | | ND(3.2) | U | -- | | -- | | ND(3.5) | U | -- | | ND(3.5) | U |
| BARIUM | 2,000. | -- | | -- | | **213.** | | -- | | -- | | **4.1** | | -- | | **126.** | |
| BERYLLIUM | 20. | -- | | -- | | ND(0.3) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| CADMIUM | 4. | -- | | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHROMIUM | 100. | -- | | -- | | **5.4** | | -- | | -- | | **3.4** | | -- | | ND(2.8) | U |
| COBALT | 100. | -- | | -- | | **5.6** | | -- | | -- | | **4.5** | | -- | | ND(3.5) | U |
| COPPER | 1,000. | -- | | -- | | ND(3.7) | U | -- | | -- | | **5.9** | | -- | | ND(3.1) | U |
| LEAD | 10. | -- | | -- | | ND(2.6) | U | -- | | -- | | ND(2.2) | U | -- | | ND(2.2) | U |
| MANGANESE | 50. | -- | | -- | | **2,720.** | | -- | | -- | | **591.** | | -- | | **523.** | |
| MERCURY | 2. | -- | | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U |
| NICKEL | 100. | -- | | -- | | **19.** | | -- | | -- | | **11.6** | | -- | | **5.6** | |
| SELENIUM | N/A | -- | | -- | | ND(4.2) | U | -- | | -- | | ND(4.7) | U | -- | | ND(4.7) | U |
| SILVER | 30. | -- | | -- | | ND(1.4) | U | -- | | -- | | ND(0.8) | U | -- | | ND(0.8) | U |
| THALLIUM | 10. | -- | | -- | | ND(4.7) | U | -- | | -- | | **9.** | | -- | | ND(4.4) | U |
| VANADIUM | N/A | -- | | -- | | ND(2) | U | -- | | -- | | ND(1.5) | U | -- | | ND(1.5) | U |
| ZINC | 5,000. | -- | | -- | | **36.1** | | -- | | -- | | **26.6** | | -- | | **8.9** | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 13**
**Groundwater Analytical Results Summary**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | UST-1 | | UST-2 | | UST-2 | | UST-2 | | UST-3 | | UST-3 | | UST-4 | | UST-4 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 562505 | | 561184 | | 561184 | | 563910 | | 561179 | | 563911 | | 561178 | | 563906 | |
| **Date** | | 9/10/2004 | | 9/7/2004 | | 9/7/2004 | | 9/15/2004 | | 9/7/2004 | | 9/15/2004 | | 9/7/2004 | | 9/15/2004 | |
| **Depth** | | to | | to | | to | | to | | to | | to | | to | | to | |
| **Matrix** | NJDEP | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | | Ground Water | |
| **Dilution Factor** | GWQS | 1 | | 1 | | 2 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| **Unit** | ug/l | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,1-DICHLOROETHENE | 2. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | *ND(0.3)* | U | -- | | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U | -- | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | 600. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | **0.4** | | -- | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | 75. | ND(0.4) | U | -- | | -- | | **0.4** | | -- | | **1.1** | | -- | | **0.5** | |
| 2-HEXANONE | 100. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| ACETONE | 700. | ND(1) | UJ | -- | | -- | | ND(1) | U | -- | | ND(1) | U | -- | | ND(1) | U |
| BENZENE | 1. | ND(0.3) | U | -- | | -- | | **36.** | | -- | | **20.** | | -- | | **0.8** | |
| BROMODICHLOROMETHANE | 1. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| BROMOMETHANE | 10. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CARBON DISULFIDE | 800. | ND(0.2) | U | -- | | -- | | ND(0.2) | UJ | -- | | ND(0.2) | UJ | -- | | ND(0.2) | U |
| CARBON TETRACHLORIDE | 2. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-11 | 2,000. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | **5.7** | | -- | | ND(0.4) | U |
| CFC-113 | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CFC-12 | 1,000. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROBENZENE | 50. | ND(0.3) | U | -- | | -- | | **10.** | | -- | | **26.** | | -- | | **8.7** | |
| CHLORODIBROMOMETHANE | 10. | ND(0.2) | U | -- | | -- | | ND(0.2) | U | -- | | ND(0.2) | U | -- | | ND(0.2) | U |
| CHLOROETHANE | 100. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CHLOROFORM | 6. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CHLOROMETHANE | 30. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | **10.** | | -- | | -- | | ND(0.4) | U | -- | | **32.** | | -- | | **2.8** | |
| CIS-1,3-DICHLOROPROPENE | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| CUMENE | 800. | ND(0.3) | U | -- | | -- | | **12.** | | -- | | **10.** | | -- | | ND(0.3) | U |
| CYCLOHEXANE | 100. | ND(0.4) | U | -- | | -- | | **85.** | | -- | | **87.** | | -- | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| ETHYLBENZENE | 700. | ND(0.3) | U | -- | | -- | | **30.** | | -- | | **56.** | | -- | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | ND(0.5) | U | -- | | -- | | ND(0.5) | U | -- | | ND(0.5) | U | -- | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | ND(0.9) | U | -- | | -- | | ND(0.9) | U | -- | | ND(0.9) | U | -- | | ND(0.9) | U |
| METHYLCYCLOHEXANE | 100. | ND(0.2) | U | -- | | -- | | **30.** | | -- | | **12.** | | -- | | ND(0.2) | U |
| MTBE | 70. | ND(0.3) | U | -- | | -- | | **2.1** | | -- | | **22.** | | -- | | ND(0.3) | U |
| STYRENE | 100. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TOLUENE | 1,000. | ND(0.3) | U | -- | | -- | | **5.6** | | -- | | **1.4** | | -- | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | ND(0.3) | U | -- | | -- | | **2.** | | -- | | **4.2** | | -- | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | ND(0.3) | U | -- | | -- | | ND(0.3) | U | -- | | ND(0.3) | U | -- | | ND(0.3) | U |
| TRICHLOROETHENE | 1. | **22.** | | -- | | -- | | ND(0.4) | U | -- | | **16.** | | -- | | **3.7** | |
| VINYL CHLORIDE | 5. | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | **13.** | | -- | | ND(0.4) | U |
| XYLENE (TOTAL) | 1,000. | ND(0.2) | U | -- | | -- | | **32.** | | -- | | **5.6** | | -- | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | **32.** | | --- | | --- | | **245.1** | | --- | | **312.4** | | --- | | **16.5** | |
| **TOTAL NON-TARGETED OF VOCs** | | --- | | --- | | --- | | **719.** | | --- | | **757.** | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **32.** | | --- | | --- | | **964.1** | | --- | | **1,069.4** | | --- | | **16.5** | |
| **METALS** | | | | | | | | | | | | | | | | | |
| ANTIMONY | 20. | -- | | ND(3.9) | U | -- | | -- | | ND(3.9) | U | -- | | ND(3.9) | U | -- | |
| ARSENIC | 8. | -- | | ND(3.5) | U | -- | | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | |
| BARIUM | 2,000. | -- | | **1,570.** | | -- | | -- | | **1,460.** | | -- | | **182.** | | -- | |
| BERYLLIUM | 20. | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | |
| CADMIUM | 4. | -- | | ND(0.4) | U | -- | | -- | | ND(0.4) | U | -- | | ND(0.4) | U | -- | |
| CHROMIUM | 100. | -- | | ND(2.8) | U | -- | | -- | | ND(2.8) | U | -- | | ND(2.8) | U | -- | |
| COBALT | 100. | -- | | ND(3.5) | U | -- | | -- | | ND(3.5) | U | -- | | ND(3.5) | U | -- | |
| COPPER | 1,000. | -- | | **4.5** | | -- | | -- | | ND(3.1) | U | -- | | **3.1** | | -- | |
| LEAD | 10. | -- | | **4.7** | | -- | | -- | | ND(2.2) | U | -- | | **3.6** | | -- | |
| MANGANESE | 50. | -- | | -- | | **11,100.** | | -- | | **3,630.** | | -- | | **2,580.** | | -- | |
| MERCURY | 2. | -- | | ND(0.1) | U | -- | | -- | | ND(0.1) | U | -- | | ND(0.1) | U | -- | |
| NICKEL | 100. | -- | | ND(3.9) | U | -- | | -- | | **4.** | | -- | | **12.2** | | -- | |
| SELENIUM | N/A | -- | | ND(4.7) | U | -- | | -- | | ND(4.7) | U | -- | | ND(4.7) | U | -- | |
| SILVER | 30. | -- | | ND(0.8) | U | -- | | -- | | ND(0.8) | U | -- | | ND(0.8) | U | -- | |
| THALLIUM | 10. | -- | | ND(4.4) | U | -- | | -- | | ND(4.4) | U | -- | | ND(4.4) | U | -- | |
| VANADIUM | N/A | -- | | ND(1.5) | U | -- | | -- | | ND(1.5) | U | -- | | ND(1.5) | U | -- | |
| ZINC | 5,000. | -- | | **26.5** | J | -- | | -- | | ND(5.8) | UJ | -- | | **25.1** | J | -- | |

Notes:

| | |
|---|---|
| -- | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **108.** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 14**
**PROPOSED SITE DELINEATION SAMPLES (On Slab Areas)**
**GENERAL MOTORS CORPORATION**
**TRENTON, NEW JERSEY**
**ISRA Case No. 97070**

| Invest. Area | Area of Concern | Location | Number and type of Explorations | Method | Est. No. of Samples | Sample Medium | Exploration Depth (ft.) | Analyses |
|---|---|---|---|---|---|---|---|---|
| 1 On Slab | Former Zinc Barrel Plater Pit | 1 Sample each 30' sidewall (4 on E& W, 1 each on N & S) | 10 | Geoprobe | 10 | Soil | Invert of Pit/TOR | Be, Zn, TPH |
| | Former Plater Pit #5 | Vertical Delineation of PL5-1 | 1 | Geoprobe | 1 | Soil | 6.0-6.5 | Ni |
| | | Vertical Delineation of PL5-2 | 1 | Geoprobe | 1 | Soil | 6.0-6.5 | Cu |
| | | Vertical Delineation of PL5-4 | 1 | Geoprobe | 1 | Soil | 6.0-6.5 | Ni |
| | | Vertical Delineation of PL5-5 | 1 | Geoprobe | 1 | Soil | 6.0-6.5 | Ni |
| | | Horizontal Delineation Surrounding Pit | 3 along Northern and Southern sidewall. 1 Eastern and Western Sidewall. (Total of 8) | Geoprobe | 16 | Soil | 3.5-4.0 and Contingent at 6.0-6.5 | As, Sb, Cu, Ba, Pb, PAHs, Ni, cyanide |
| | Former Plater Pit #6 | Horizontal Delineation N, S, E &W Sidewalls | 4 | Geoprobe | 8 | Soil | 3.5-4.0 and TOR (Contingent for metals) | Sb, Ba, Cu, Ni, Pb, TPH, CR+6 (As in western) |
| 1 On Slab | Former Plater Pit #7 | Horizontal Delineation Surronding Pit 2 N, 2 S, 1 E & W | 6 | Geoprobe | 18 | Soil | 3.0-3.5, 5.0-5.5 and contingent at TOR | Cu, Ni, CR+6 |
| | Plater Pit #9 | Horizontal Delineation Surronding Pit 2 N, 2 S, 1 E & W | 6 | Geoprobe | 18 | Soil | 4.0-4.5, 6.0-6.5 and TOR (Contingent) | Sb, Ni and Cu |
| | Plater Pit #10 | Horizontal Delineation of PL10-5 West | 1 | Geoprobe | 1 | Soil | Invert depth(2.5-3.0)/TOR | TPH |
| | | Horizontal Delineation West of PL10-13 | 1 | Geoprobe | 1 | Soil | 3.0-3.5/TOR | TPH |
| | | Horizontal Delineation appx 10' East and SE of PL10-11 | 2 | Geoprobe | 2 | Soil | 3.0-3.5/TOR | TPH |
| | | Horizontal Delineation appx 100' SE of PL10-11 and set well | 1 | Auger Rig | 2 | Soil | TOR | TPH |
| 1 On Slab | Plater Pit #12 | Horizontal Delineation around PL12-3 | 4 | Geoprobe | 4 | Soil | TOR | Ba |
| | | Horizontal Delineation North and South of PL12-6 | 2 | Geoprobe | 6 | Soil | 4.5-5.0, 6.5-7.0 and TOR (Contingent for Ni) | Ni, CR+6 |
| | | Horizontal Delineation North, South and East of PL12-8 | 3 | Geoprobe | 9 | Soil | 4.5-5.0, 6.5-7.0 and TOR (Contingent for metals) | Ni, Pb, CR+6 |
| | Former Storage Solution Room Trench #268 | Horizontal Delineation appx 10' 2 North, 2 South | 4 | Geoprobe | 12 | Soil | 1.0-1.5, 3.5-4.0 and TOR(contingent) | Ni, Pb and Zn |
| | Former DI-Ionization Room | Vertical Delineation at DI-1 | 1 | Geoprobe | 2 | Soil | 4.0-4.5 and contingent at 6.0-6.5 | Ni |
| | | Vertical Delineation at DI-4 | 1 | Geoprobe | 2 | Soil | 2.0-2.5 and contingent at 4.0-4.5 | Ni, Zn |
| | | Horizontal Delineation South of DI-3 | 1 | Geoprobe | 2 | Soil | 0-0.5 and 2.5-3.0 | As, Ni, Zn |
| | | Horizontal Delineation NE of DI-4 | 1 | Geoprobe | 2 | Soil | 0.5-1.0 and 2.5-3.0 | Ni, Zn |
| | Former Hydraulic UST Vault | Horizontal Delineation North, South, East and West | 4 | Geoprobe | 4 | Soil | 4.0-4.5(TOR) | Cu |
| | Main Crock | Horizontal Delineation of MC3-1 North, South, East and West | 4 | Geoprobe | 8 | Soil | 8.0-8.5 and contingent at 9.0-9.5 | Cu, PCBs, TPH and Zn |
| | Lateral Production Sewer Lines | Vertical Delineation of L4-1 | 1 | Geoprobe | 1 | Soil | TOR | PCBs |
| | | Vertical Delineation of L5-1 | 1 | Geoprobe | 1 | Soil | TOR | TPH |
| | | Horizontal Delineation of L4-1 NW, NE, SW, SE | 4 | Geoprobe | 8 | Soil | TOR | PCBs |
| | Lateral Production Sewer Lines | Horizontal Delineation of L5-1 NW, NE, SW, SE | 4 | Geoprobe | 8 | Soil | 4.0-4.5 and contingent at 7.0-7.5 (TOR) | TPH |
| | | Horizontal Delineation of L8-1 NW, NE, SW, SE | 4 | Geoprobe | 4 | Soil | 4 - 4.5 | Ba |
| | | Vertical Delineation of L8-1 | 1 | Geoprobe | 1 | Soil | TOR | Ba |

Notes:
As - Arsenic
Ba - Barium
Cu - Copper
CR+6 - Hexavalent Chromium
Ni - Nickel
PAHs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
Sb - Antimony
TOR- Top of Competent Bedrock
VO+10 - Volaltile Organic Compounds Plus 10 Tentatively Identified Compounds
Zn - Zinc

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Results
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | | 106-2 | | 110-1 | 110-1 | 110-1 | | 221-1 | 221-1 | 249-1 | | 275-1 | 275-1 | 302-3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | 512936 | | 510559 | 510559 | 510559 | | 509955 | 509955 | 507304 | | 507934 | 507934 | 512355 |
| Depth | | 2 to 2.5 | | 6 to 6.5 | 6 to 6.5 | 6 to 6.5 | | 4 to 4.5 | 4 to 4.5 | 6.5 to 7 | | 6.5 to 7 | 6.5 to 7 | 4.5 to 5 |
| Date | | 3/19/2004 | | 3/12/2004 | 3/12/2004 | 3/12/2004 | | 3/10/2004 | 3/10/2004 | 3/2/2004 | | 3/4/2004 | 3/4/2004 | 3/18/2004 |
| Matrix | | Soil | | Soil | Soil | Soil | | Soil | Soil | Soil | | Soil | Soil | Soil |
| Dilution Factor | SCC | 50 | | 1 | 2 | 50 | | 1 | 2 | 50 | | 1 | 2 | 1 |
| Unit | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg | | mg/kg | mg/kg | mg/kg |
| **VOCs** | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 50. | **0.71** | J | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,1,2,2-TETRACHLOROETHANE | 1. | ND(0.15) | U | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| 1,1,2-TRICHLOROETHANE | 1. | ND(0.45) | U | NT | NT | ND(0.36) | U | NT | NT | ND(0.71) | U | NT | NT | NT |
| 1,1-DICHLOROETHANE | 10. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,1-DICHLOROETHENE | 8. | ND(0.3) | U | NT | NT | ND(0.24) | U | NT | NT | ND(0.47) | U | NT | NT | NT |
| 1,2,4-TRICHLOROBENZENE | 68. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,2-DIBROMO-3-CHLOROPROPANE (DB | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,2-DIBROMOETHANE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,2-DICHLOROBENZENE | 50. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,2-DICHLOROETHANE | 1. | ND(0.3) | U | NT | NT | ND(0.24) | U | NT | NT | ND(0.47) | U | NT | NT | NT |
| 1,2-DICHLOROPROPANE | 10. | ND(0.15) | U | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| 1,3-DICHLOROBENZENE | 100. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 1,4-DICHLOROBENZENE | 100. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| 2-HEXANONE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | UJ | NT | NT | NT |
| 4-METHYL-2-PENTANONE | 50. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| ACETONE | 100. | ND(0.75) | U | NT | NT | ND(0.6) | UJ | NT | NT | ND(1.2) | UJ | NT | NT | NT |
| BENZENE | 1. | ND(0.15) | U | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| BROMODICHLOROMETHANE | 1. | ND(0.15) | U | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| BROMOMETHANE | 79. | ND(0.75) | U | NT | NT | ND(0.6) | UJ | NT | NT | ND(1.2) | U | NT | NT | NT |
| CARBON DISULFIDE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CARBON TETRACHLORIDE | 1. | ND(0.3) | U | NT | NT | ND(0.24) | U | NT | NT | ND(0.47) | U | NT | NT | NT |
| CFC-11 | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CFC-113 | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CFC-12 | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CHLOROBENZENE | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| CHLORODIBROMOMETHANE | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| CHLOROETHANE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CHLOROFORM | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| CHLOROMETHANE | 10. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CIS-1,2-DICHLOROETHENE | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| CIS-1,3-DICHLOROPROPENE | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| CUMENE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| CYCLOHEXANE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| DICHLOROMETHANE | 49. | ND(0.45) | U | NT | NT | ND(0.36) | U | NT | NT | ND(0.71) | U | NT | NT | NT |
| ETHYLBENZENE | 100. | ND(0.6) | U | NT | NT | ND(0.48) | U | NT | NT | ND(0.95) | U | NT | NT | NT |
| METHYL ACETATE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| METHYL ETHYL KETONE | 50. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | UJ | NT | NT | NT |
| METHYLCYCLOHEXANE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| MTBE | N/A | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| STYRENE | 23. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| TETRACHLOROETHENE | 1. | ND(0.15) | UJ | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| TOLUENE | 500. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| TRANS-1,2-DICHLOROETHENE | 50. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| TRANS-1,3-DICHLOROPROPENE | 1. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | *ND(1.2)* | U | NT | NT | NT |
| TRIBROMOMETHANE | 86. | ND(0.6) | U | NT | NT | ND(0.48) | U | NT | NT | ND(0.95) | U | NT | NT | NT |
| TRICHLOROETHENE | 1. | **0.14** | J | NT | NT | ND(0.12) | U | NT | NT | ND(0.24) | U | NT | NT | NT |
| VINYL CHLORIDE | 2. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| XYLENE (TOTAL) | 67. | ND(0.75) | U | NT | NT | ND(0.6) | U | NT | NT | ND(1.2) | U | NT | NT | NT |
| **TOTAL TARGETED OF VOCs** | | **0.85** | | --- | --- | --- | | --- | --- | --- | | --- | --- | --- |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | **0.85** | | --- | --- | --- | | --- | --- | --- | | --- | --- | --- |
| **SVOCs** | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4,5-TRICHLOROPHENOL | 50. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4,6-TRICHLOROPHENOL | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4-DICHLOROPHENOL | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4-DIMETHYLPHENOL | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4-DINITROPHENOL | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,4-DINITROTOLUENE | 1. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2,6-DINITROTOLUENE | 1. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-CHLORONAPHTHALENE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-CHLOROPHENOL | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-METHYLNAPHTHALENE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-METHYLPHENOL | 2,800. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-NITROANILINE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 2-NITROPHENOL | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 3,3-DICHLOROBENZIDINE | 2. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 3-NITROANILINE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4,6-DINITRO-O-CRESOL | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-BROMOPHENYL PHENYL ETHER | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-CHLORO-3-METHYLPHENOL | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-CHLOROANILINE | 230. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-CHLOROPHENYL PHENYL ETHER | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-METHYLPHENOL | 2,800. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| 4-NITROPHENOL | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ACENAPHTHENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ACENAPHTHYLENE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ACETOPHENONE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ANTHRACENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ATRAZINE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZALDEHYDE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZO(A)ANTHRACENE | 0.9 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZO(A)PYRENE | 0.66 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZO(B)FLUORANTHENE | 0.9 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZO(G,H,I)PERYLENE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZO(K)FLUORANTHENE | 0.9 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BENZYL BUTYL PHTHALATE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BIPHENYL | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BIS(2-CHLOROETHOXY)METHANE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BIS(2-CHLOROETHYL)ETHER | 0.66 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| BIS(2-ETHYLHEXYL)PHTHALATE | 49. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| CAPROLACTAM | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| CARBAZOLE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| CHRYSENE | 9. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DIBENZO(A,H)ANTHRACENE | 0.66 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DIBENZOFURAN | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DIETHYL PHTHALATE | 50. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DIMETHYL PHTHALATE | 50. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DI-N-BUTYLPHTHALATE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| DI-N-OCTYL PHTHALATE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| FLUORANTHENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| FLUORENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| HEXACHLORO-1,3-BUTADIENE | 1. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| HEXACHLOROBENZENE | 0.66 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| HEXACHLOROCYCLOPENTADIENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| HEXACHLOROETHANE | 6. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| INDENO(1,2,3-CD)PYRENE | 0.9 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| ISOPHORONE | 50. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| NAPHTHALENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| NITROBENZENE | 10. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| N-NITROSODI-N-PROPYLAMINE | 0.66 | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| N-NITROSODIPHENYLAMINE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| PENTACHLOROPHENOL | 6. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| PHENANTHRENE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| PHENOL | 50. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| P-NITROANILINE | N/A | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| PYRENE | 100. | NT | | NT | NT | NT | | NT | NT | NT | | NT | NT | NT |
| **TOTAL TARGETED OF SVOCs** | | --- | | --- | --- | --- | | --- | --- | --- | | --- | --- | --- |
| **TOTAL CONCENTRATION OF SVOCs** | | --- | | --- | --- | --- | | --- | --- | --- | | --- | --- | --- |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Results
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | | 106-2 | | 110-1 | | 110-1 | | 110-1 | | 221-1 | | 221-1 | | 249-1 | | 275-1 | | 275-1 | | 302-3 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | | 512936 | | 510559 | | 510559 | | 510559 | | 509955 | | 509955 | | 507304 | | 507934 | | 507934 | | 512355 | |
| **Depth** | | 2 to 2.5 | | 6 to 6.5 | | 6 to 6.5 | | 6 to 6.5 | | 4 to 4.5 | | 4 to 4.5 | | 6.5 to 7 | | 6.5 to 7 | | 6.5 to 7 | | 4.5 to 5 | |
| **Date** | | 3/19/2004 | | 3/12/2004 | | 3/12/2004 | | 3/12/2004 | | 3/10/2004 | | 3/10/2004 | | 3/2/2004 | | 3/4/2004 | | 3/4/2004 | | 3/18/2004 | |
| **Matrix** | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | SCC | 50 | | 1 | | 2 | | 50 | | 1 | | 2 | | 50 | | 1 | | 2 | | 1 | |
| **Unit** | mg/kg | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **METALS** | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | N/A | NT | | NT | | **6,420.** | J | NT | | NT | | **5,660.** | | NT | | NT | | **9,040.** | J | NT | |
| ANTIMONY | 14. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ARSENIC | 20. | NT | | NT | | **2.** | J | NT | | NT | | **1.8** | | NT | | NT | | **5.5** | J | NT | |
| BARIUM | 700. | NT | | NT | | **102.** | | NT | | NT | | **183.** | J | NT | | NT | | **70.3** | J | NT | |
| BERYLLIUM | 2. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CADMIUM | 39. | NT | | NT | | ND(1.1) | U | NT | | NT | | ND(1.2) | U | NT | | NT | | **0.14** | J | NT | |
| CALCIUM | N/A | NT | | NT | | **1,550.** | | NT | | NT | | **8,040.** | | NT | | NT | | **5,150.** | | NT | |
| CHROMIUM | N/A | NT | | NT | | **27.2** | | NT | | NT | | **69.1** | | NT | | NT | | **15.7** | | NT | |
| COBALT | N/A | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| COPPER | 600. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| IRON | N/A | NT | | NT | | **14,000.** | | NT | | NT | | **16,900.** | | NT | | NT | | **15,400.** | | NT | |
| LEAD | 400. | NT | | NT | | **6.** | J | NT | | NT | | **18.5** | | NT | | NT | | **14.3** | | NT | |
| MAGNESIUM | N/A | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| MANGANESE | N/A | NT | | NT | | **627.** | | NT | | NT | | **687.** | J | NT | | NT | | **1,440.** | J | NT | |
| MERCURY | 14. | NT | | ND(0.018) | U | NT | | NT | | **0.15** | | NT | | NT | | **0.03** | J | NT | | NT | |
| NICKEL | 250. | NT | | NT | | **40.8** | | NT | | NT | | **11.2** | J | NT | | NT | | **9.6** | J | NT | |
| POTASSIUM | N/A | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| SELENIUM | 63. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| SILVER | 110. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| SODIUM | N/A | NT | | NT | | ND(1100) | U | NT | | NT | | **511.** | J | NT | | NT | | **246.** | J | NT | |
| THALLIUM | 2. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| VANADIUM | 370. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ZINC | 1,500. | NT | | NT | | **24.** | | NT | | NT | | **391.** | | NT | | NT | | **33.** | | NT | |
| **TPH** | | | | | | | | | | | | | | | | | | | | | |
| PETROLEUM HYDROCARBONS | N/A | NT | | ND(25) | U | NT | | NT | | **45.7** | | NT | | NT | | **27.6** | | NT | | **91.4** | |
| **Cr Hex** | | | | | | | | | | | | | | | | | | | | | |
| CHROMIUM, HEXAVALENT | 20. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| **INORGANICS** | | | | | | | | | | | | | | | | | | | | | |
| CYANIDE (TOTAL) | 1,100. | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1016 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1221 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1232 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1242 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1248 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1254 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1260 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1262 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1268 | 0.49 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| **0.71** | Detected concentration. |
| ND(0.1), U | Concentration is below the Reporting Limit as noted. |
| | Detected above the SCC. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | 304-1 | | 304-1 | | 304-1 | | CE-1 | | CE-1 | | DC-08 | | DC-08 | | MC2-1 | | MC2-1 | | PL07-01 | | PL07-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | 512938 | | 512938 | | 512938 | | 512947 | | 512947 | | 507294 | | 507294 | | 508990 | | 508990 | | 512338 | | 512338 | |
| **Depth** | 1 to 1.5 | | 1 to 1.5 | | 1 to 1.5 | | 2.5 to 3 | | 2.5 to 3 | | 8 to 8.5 | | 8 to 8.5 | | 7.5 to 8 | | 7.5 to 8 | | 3 to 3.5 | | 3 to 3.5 | |
| **Date** | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/2/2004 | | 3/2/2004 | | 3/9/2004 | | 3/9/2004 | | 3/18/2004 | | 3/18/2004 | |
| **Matrix** | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| **Dilution Factor** | 1 | | 2 | | 50 | | 1 | | 2 | | 1 | | 2 | | 1 | | 2 | | 1 | | 2 | |
| **Unit** | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **VOCs** | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,1,2,2-TETRACHLOROETHANE | NT | | NT | | ND(0.17) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,1,2-TRICHLOROETHANE | NT | | NT | | ND(0.5) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,1-DICHLOROETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,1-DICHLOROETHENE | NT | | NT | | ND(0.34) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2,4-TRICHLOROBENZENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DB | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2-DIBROMOETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2-DICHLOROBENZENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2-DICHLOROETHANE | NT | | NT | | ND(0.34) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,2-DICHLOROPROPANE | NT | | NT | | ND(0.17) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,3-DICHLOROBENZENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 1,4-DICHLOROBENZENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-HEXANONE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-METHYL-2-PENTANONE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACETONE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZENE | NT | | NT | | ND(0.17) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BROMODICHLOROMETHANE | NT | | NT | | ND(0.17) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BROMOMETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CARBON DISULFIDE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CARBON TETRACHLORIDE | NT | | NT | | ND(0.34) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CFC-11 | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CFC-113 | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CFC-12 | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHLOROBENZENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHLORODIBROMOMETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHLOROETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHLOROFORM | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHLOROMETHANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CIS-1,2-DICHLOROETHENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CIS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CUMENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CYCLOHEXANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DICHLOROMETHANE | NT | | NT | | ND(0.5) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ETHYLBENZENE | NT | | NT | | ND(0.67) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| METHYL ACETATE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| METHYL ETHYL KETONE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| METHYLCYCLOHEXANE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| MTBE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| STYRENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TETRACHLOROETHENE | NT | | NT | | ND(0.17) | UJ | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TOLUENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TRANS-1,2-DICHLOROETHENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TRANS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TRIBROMOMETHANE | NT | | NT | | ND(0.67) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| TRICHLOROETHENE | NT | | NT | | ND(0.17) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| VINYL CHLORIDE | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| XYLENE (TOTAL) | NT | | NT | | ND(0.84) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **SVOCs** | | | | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4,5-TRICHLOROPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4,6-TRICHLOROPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DICHLOROPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DIMETHYLPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DINITROPHENOL | ND(1.7) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DINITROTOLUENE | ND(0.087) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,6-DINITROTOLUENE | ND(0.087) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-CHLORONAPHTHALENE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-CHLOROPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-METHYLNAPHTHALENE | **0.016** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-METHYLPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-NITROANILINE | ND(0.87) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-NITROPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 3,3-DICHLOROBENZIDINE | ND(0.87) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 3-NITROANILINE | ND(0.87) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4,6-DINITRO-O-CRESOL | ND(1.7) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-BROMOPHENYL PHENYL ETHER | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLORO-3-METHYLPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLOROANILINE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLOROPHENYL PHENYL ETHER | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-METHYLPHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-NITROPHENOL | ND(1.7) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACENAPHTHENE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACENAPHTHYLENE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACETOPHENONE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ANTHRACENE | **0.015** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ATRAZINE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZALDEHYDE | **0.022** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(A)ANTHRACENE | **0.053** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(A)PYRENE | **0.057** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(B)FLUORANTHENE | **0.063** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(G,H,I)PERYLENE | **0.056** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(K)FLUORANTHENE | **0.088** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZYL BUTYL PHTHALATE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIPHENYL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-CHLOROETHOXY)METHANE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-CHLOROETHYL)ETHER | ND(0.044) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-ETHYLHEXYL)PHTHALATE | **0.44** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CAPROLACTAM | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CARBAZOLE | **0.01** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHRYSENE | **0.089** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIBENZO(A,H)ANTHRACENE | **0.023** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIBENZOFURAN | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIETHYL PHTHALATE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIMETHYL PHTHALATE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DI-N-BUTYLPHTHALATE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DI-N-OCTYL PHTHALATE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| FLUORANTHENE | **0.09** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| FLUORENE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLORO-1,3-BUTADIENE | ND(0.087) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROBENZENE | ND(0.044) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROCYCLOPENTADIENE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROETHANE | ND(0.044) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| INDENO(1,2,3-CD)PYRENE | **0.051** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ISOPHORONE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| NAPHTHALENE | **0.018** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| NITROBENZENE | ND(0.044) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| N-NITROSODI-N-PROPYLAMINE | ND(0.044) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| N-NITROSODIPHENYLAMINE | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PENTACHLOROPHENOL | ND(1.7) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PHENANTHRENE | **0.063** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PHENOL | ND(0.44) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| P-NITROANILINE | ND(0.87) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PYRENE | **0.096** | J | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| **TOTAL TARGETED OF SVOCs** | **1.25** | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF SVOCs** | **1.25** | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | 304-1 | | 304-1 | | 304-1 | | CE-1 | | CE-1 | | DC-08 | | DC-08 | | MC2-1 | | MC2-1 | | PL07-01 | | PL07-01 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 512938 | | 512938 | | 512938 | | 512947 | | 512947 | | 507294 | | 507294 | | 508990 | | 508990 | | 512338 | | 512338 | |
| Depth | 1 to 1.5 | | 1 to 1.5 | | 1 to 1.5 | | 2.5 to 3 | | 2.5 to 3 | | 8 to 8.5 | | 8 to 8.5 | | 7.5 to 8 | | 7.5 to 8 | | 3 to 3.5 | | 3 to 3.5 | |
| Date | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/19/2004 | | 3/2/2004 | | 3/2/2004 | | 3/9/2004 | | 3/9/2004 | | 3/18/2004 | | 3/18/2004 | |
| Matrix | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | | Soil | |
| Dilution Factor | 1 | | 2 | | 50 | | 1 | | 2 | | 1 | | 2 | | 1 | | 2 | | 1 | | 2 | |
| Unit | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **METALS** | | | | | | | | | | | | | | | | | | | | | | |
| ALUMINUM | NT | | **7,480.** | J | NT | | NT | | **8,950.** | J | NT | | **9,620.** | | NT | | **10,300.** | J | NT | | **8,890.** | J |
| ANTIMONY | NT | | NT | | NT | | NT | | ND(2.4) | UJ | NT | | ND(2.4) | UJ | NT | | ND(2.4) | UJ | NT | | ND(2.5) | UJ |
| ARSENIC | NT | | **2.7** | J | NT | | NT | | **39.5** | J | NT | | ND(1.2) | U | NT | | **3.8** | J | NT | | **6.6** | |
| BARIUM | NT | | **233.** | J | NT | | NT | | **203.** | J | NT | | **179.** | J | NT | | **51.5** | | NT | | **41.6** | J |
| BERYLLIUM | NT | | NT | | NT | | NT | | **1.1** | | NT | | **0.75** | | NT | | **0.87** | | NT | | **0.56** | |
| CADMIUM | NT | | ND(1.2) | UJ | NT | | NT | | **0.96** | J | NT | | ND(1.2) | U | NT | | ND(1.2) | U | NT | | ND(1.2) | U |
| CALCIUM | NT | | **10,100.** | J | NT | | NT | | **2,110.** | J | NT | | **1,510.** | | NT | | **8,830.** | | NT | | **564.** | J |
| CHROMIUM | NT | | **23.3** | J | NT | | NT | | **107.** | J | NT | | **17.8** | | NT | | **21.3** | | NT | | **114.** | J |
| COBALT | NT | | NT | | NT | | NT | | **13.4** | | NT | | **13.6** | | NT | | **9.2** | J | NT | | **10.** | J |
| COPPER | NT | | NT | | NT | | NT | | **420.** | | NT | | **3.4** | J | NT | | **18.6** | J | NT | | **639.** | |
| IRON | NT | | **19,300.** | J | NT | | NT | | **24,300.** | J | NT | | **20,500.** | | NT | | **22,500.** | J | NT | | **28,100.** | J |
| LEAD | NT | | **36.1** | J | NT | | NT | | **67.5** | J | NT | | **9.2** | | NT | | **11.4** | | NT | | **5.4** | |
| MAGNESIUM | NT | | NT | | NT | | NT | | **2,280.** | J | NT | | **2,950.** | | NT | | **2,650.** | | NT | | **1,080.** | J |
| MANGANESE | NT | | **1,050.** | J | NT | | NT | | **858.** | J | NT | | **747.** | J | NT | | **485.** | | NT | | **245.** | |
| MERCURY | ND(0.023) | U | NT | | NT | | **0.04** | | NT | | **0.02** | J | NT | | ND(0.02) | U | NT | | ND(0.018) | U | NT | |
| NICKEL | NT | | **22.7** | J | NT | | NT | | **692.** | J | NT | | **18.2** | | NT | | **15.3** | | NT | | NT | |
| POTASSIUM | NT | | NT | | NT | | NT | | **797.** | J | NT | | **1,390.** | J | NT | | **982.** | J | NT | | **1,390.** | J |
| SELENIUM | NT | | NT | | NT | | NT | | ND(1.2) | U | NT | | ND(1.2) | U | NT | | ND(1.2) | UJ | NT | | ND(1.3) | U |
| SILVER | NT | | NT | | NT | | NT | | ND(2.4) | U | NT | | ND(2.4) | U | NT | | ND(2.4) | U | NT | | ND(2.6) | U |
| SODIUM | NT | | **458.** | J | NT | | NT | | **188.** | J | NT | | **118.** | J | NT | | ND(1200) | U | NT | | **340.** | J |
| THALLIUM | NT | | NT | | NT | | NT | | *ND(2.3)* | U | NT | | *ND(2.3)* | U | NT | | *ND(2.3)* | U | NT | | *ND(2.5)* | U |
| VANADIUM | NT | | NT | | NT | | NT | | **29.6** | | NT | | **16.8** | | NT | | **30.9** | J | NT | | **27.1** | |
| ZINC | NT | | **163.** | J | NT | | NT | | **414.** | J | NT | | **48.9** | | NT | | **48.6** | J | NT | | **273.** | |
| **TPH** | | | | | | | | | | | | | | | | | | | | | | |
| PETROLEUM HYDROCARBONS | NT | | NT | | NT | | **102.** | | NT | | **43.3** | | NT | | ND(25) | U | NT | | NT | | NT | |
| **Cr Hex** | | | | | | | | | | | | | | | | | | | | | | |
| CHROMIUM, HEXAVALENT | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | **3.7** | | NT | |
| **INORGANICS** | | | | | | | | | | | | | | | | | | | | | | |
| CYANIDE (TOTAL) | NT | | NT | | NT | | **2.5** | | NT | | NT | | NT | | ND(0.5) | U | NT | | ND(0.5) | U | NT | |
| **PCBs** | | | | | | | | | | | | | | | | | | | | | | |
| AROCLOR 1016 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1221 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1232 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1242 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1248 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1254 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1260 | NT | | NT | | NT | | NT | | NT | | ND(0.081) | U | NT | | ND(0.08) | UJ | NT | | NT | | NT | |
| AROCLOR 1262 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| AROCLOR 1268 | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| **0.71** | Detected concentration. |
| ND(0.1), U | Concentration is below the Reporting Limit as not |
| | Detected above the SCC. |
| J | The concentration is an approximate value; less t specified quantitation limit but greater than zero. |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| **Location** | PL07-01 | FB | FB | FB | FB | FB | FB | FB | FB | FB | FB | FB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | 512338 | 507292 | 507308 | 507924 | 507937 | 508149 | 508997 | 509963 | 509978 | 510571 | 511723 | |
| **Depth** | 3 to 3.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| **Date** | 3/18/2004 | 3/1/2004 | 3/2/2004 | 3/3/2004 | 3/4/2004 | 3/5/2004 | 3/9/2004 | 3/11/2004 | 3/11/2004 | 3/12/2004 | 3/17/2004 | |
| **Matrix** | Soil | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | |
| **Dilution Factor** | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| **Unit** | mg/kg | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | |
| **VOCs** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,1,2,2-TETRACHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,1,2-TRICHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,1-DICHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,1-DICHLOROETHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2,4-TRICHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DB | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2-DIBROMOETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2-DICHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2-DICHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,2-DICHLOROPROPANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,3-DICHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 1,4-DICHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-HEXANONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-METHYL-2-PENTANONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| ACETONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| BENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| BROMODICHLOROMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| BROMOMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CARBON DISULFIDE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CARBON TETRACHLORIDE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CFC-11 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CFC-113 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CFC-12 | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CHLORODIBROMOMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CHLOROFORM | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CHLOROMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CIS-1,2-DICHLOROETHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CIS-1,3-DICHLOROPROPENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CUMENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| CYCLOHEXANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| DICHLOROMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| ETHYLBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| METHYL ACETATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| METHYL ETHYL KETONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| METHYLCYCLOHEXANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| MTBE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| STYRENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TETRACHLOROETHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TOLUENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TRANS-1,2-DICHLOROETHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TRANS-1,3-DICHLOROPROPENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TRIBROMOMETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| TRICHLOROETHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| VINYL CHLORIDE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| XYLENE (TOTAL) | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| **TOTAL TARGETED OF VOCs** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| **SVOCs** | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4,5-TRICHLOROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4,6-TRICHLOROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4-DICHLOROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4-DIMETHYLPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4-DINITROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,4-DINITROTOLUENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2,6-DINITROTOLUENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-CHLORONAPHTHALENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-CHLOROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-METHYLNAPHTHALENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-METHYLPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-NITROANILINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 2-NITROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 3,3-DICHLOROBENZIDINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 3-NITROANILINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4,6-DINITRO-O-CRESOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-BROMOPHENYL PHENYL ETHER | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-CHLORO-3-METHYLPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-CHLOROANILINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-CHLOROPHENYL PHENYL ETHER | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-METHYLPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| 4-NITROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | |
| ACENAPHTHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0001) | U | NT |
| ACENAPHTHYLENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00007) | U | NT |
| ACETOPHENONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| ANTHRACENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00008) | U | NT |
| ATRAZINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BENZALDEHYDE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BENZO(A)ANTHRACENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0002) | U | NT |
| BENZO(A)PYRENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00008) | U | NT |
| BENZO(B)FLUORANTHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0002) | U | NT |
| BENZO(G,H,I)PERYLENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00006) | U | NT |
| BENZO(K)FLUORANTHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0002) | U | NT |
| BENZYL BUTYL PHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BIPHENYL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BIS(2-CHLOROETHOXY)METHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BIS(2-CHLOROETHYL)ETHER | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| BIS(2-ETHYLHEXYL)PHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| CAPROLACTAM | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| CARBAZOLE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| CHRYSENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00007) | U | NT |
| DIBENZO(A,H)ANTHRACENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00004) | U | NT |
| DIBENZOFURAN | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| DIETHYL PHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| DIMETHYL PHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| DI-N-BUTYLPHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| DI-N-OCTYL PHTHALATE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| FLUORANTHENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00005) | U | NT |
| FLUORENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0001) | U | NT |
| HEXACHLORO-1,3-BUTADIENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| HEXACHLOROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| HEXACHLOROCYCLOPENTADIENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| HEXACHLOROETHANE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| INDENO(1,2,3-CD)PYRENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00008) | U | NT |
| ISOPHORONE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| NAPHTHALENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00004) | U | NT |
| NITROBENZENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| N-NITROSODI-N-PROPYLAMINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| N-NITROSODIPHENYLAMINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| PENTACHLOROPHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| PHENANTHRENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.0001) | U | NT |
| PHENOL | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| P-NITROANILINE | NT | NT | NT | NT | NT | NT | NT | NT | NT | NT | | NT |
| PYRENE | NT | NT | NT | NT | NT | NT | NT | NT | NT | ND(0.00007) | U | NT |
| **TOTAL TARGETED OF SVOCs** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |
| **TOTAL CONCENTRATION OF SVOCs** | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | PL07-01 | FB | FB | FB | FB | FB | FB | FB | FB | FB | FB | FB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 512338 | 507292 | 507308 | 507924 | 507937 | 508149 | 508997 | 509963 | 509978 | 510571 | 511723 | |
| Depth | 3 to 3.5 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| Date | 3/18/2004 | 3/1/2004 | 3/2/2004 | 3/3/2004 | 3/4/2004 | 3/5/2004 | 3/9/2004 | 3/11/2004 | 3/11/2004 | 3/12/2004 | 3/17/2004 | |
| Matrix | Soil | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | |
| Dilution Factor | 20 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| Unit | mg/kg | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | mg/l | |
| **METALS** | | | | | | | | | | | | |
| ALUMINUM | NT | ND(0.2) U | **0.083** J | ND(0.2) U | ND(0.2) U | ND(0.2) U | ND(0.25) UJ | ND(0.25) U | **0.09** J | ND(0.25) UJ | ND(0.25) U | |
| ANTIMONY | NT | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.0067) U | ND(0.0067) U | ND(0.0067) U | ND(0.0067) UJ | ND(0.0067) UJ | |
| ARSENIC | NT | ND(0.4) U | ND(0.004) U | ND(0.4) U | ND(0.004) U | ND(0.004) U | ND(0.0042) U | ND(0.0042) U | ND(0.0042) U | ND(0.0042) U | ND(0.0042) U | |
| BARIUM | NT | ND(0.2) U | ND(0.2) U | ND(0.2) U | ND(0.2) U | ND(0.2) U | **0.003** J | ND(0.15) U | ND(0.15) U | ND(0.15) U | ND(0.15) U | |
| BERYLLIUM | NT | ND(0.2) U | ND(0.002) U | ND(0.2) U | ND(0.002) U | ND(0.002) U | ND(0.00067) U | ND(0.00067) U | ND(0.00067) U | ND(0.00067) U | ND(0.00067) U | |
| CADMIUM | NT | ND(0.4) U | ND(0.004) U | ND(0.4) U | ND(0.004) U | ND(0.004) U | ND(0.004) U | ND(0.004) U | ND(0.004) U | ND(0.004) U | ND(0.4) U | |
| CALCIUM | NT | ND(5) U | **0.13** J | ND(5) U | ND(5) U | ND(5) U | ND(8.8) U | ND(8.8) U | ND(8.8) U | ND(8.8) U | ND(8.8) U | |
| CHROMIUM | NT | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.018) U | ND(0.018) U | ND(0.018) U | ND(0.018) U | ND(0.018) U | |
| COBALT | NT | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.1) U | ND(0.1) U | ND(0.1) U | ND(0.1) U | ND(0.1) U | |
| COPPER | NT | ND(0.025) U | ND(0.025) U | ND(0.025) U | ND(0.025) U | ND(0.025) U | **0.005** J | ND(0.014) U | ND(0.014) U | ND(0.014) UJ | ND(0.014) U | |
| IRON | NT | ND(0.15) U | ND(0.15) U | ND(0.15) U | ND(0.15) U | ND(0.15) U | ND(0.15) UJ | ND(0.15) U | ND(0.15) U | ND(0.15) U | **0.111** J | |
| LEAD | NT | ND(0.3) U | ND(0.003) U | ND(0.3) U | ND(0.003) U | ND(0.003) U | ND(0.0029) U | ND(0.0029) U | ND(0.0029) U | ND(0.0029) UJ | ND(0.0029) U | |
| MAGNESIUM | NT | ND(5) U | ND(5) U | ND(5) U | ND(5) U | ND(5) U | ND(8.4) U | ND(8.4) U | ND(8.4) U | ND(8.4) U | ND(8.4) U | |
| MANGANESE | NT | ND(0.015) U | ND(0.015) U | ND(0.015) U | ND(0.015) U | ND(0.015) U | **0.006** J | ND(0.036) U | ND(0.036) U | ND(0.036) U | ND(0.036) UJ | |
| MERCURY | NT | ND(0.0002) U | **0.** J | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.033) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | |
| NICKEL | **8,340.** | ND(0.04) U | ND(0.04) U | ND(0.04) U | ND(0.04) U | ND(0.04) U | ND(0.098) U | ND(0.098) U | ND(0.098) U | ND(0.098) U | ND(0.098) U | |
| POTASSIUM | NT | ND(5) U | ND(5) U | ND(5) U | ND(5) U | ND(5) U | **0.107** J | ND(1.7) U | ND(1.7) U | ND(1.7) UJ | **0.117** J | |
| SELENIUM | NT | ND(0.5) U | ND(0.005) U | ND(0.5) U | ND(0.005) U | ND(0.005) U | ND(0.0046) U | ND(0.0046) U | ND(0.0046) U | ND(0.0046) U | ND(0.0046) U | |
| SILVER | NT | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.005) U | ND(0.005) U | ND(0.005) U | ND(0.005) U | ND(0.5) U | |
| SODIUM | NT | ND(5) U | ND(5) U | ND(5) U | ND(5) U | ND(5) U | ND(4.6) U | ND(4.6) U | ND(4.6) U | ND(4.6) U | ND(4.6) U | |
| THALLIUM | NT | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.01) U | ND(0.0094) U | ND(0.0094) U | ND(0.0094) U | ND(0.0094) U | ND(0.0094) U | |
| VANADIUM | NT | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.05) U | ND(0.042) U | ND(0.042) U | ND(0.042) U | ND(0.042) U | ND(0.042) U | |
| ZINC | NT | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | ND(0.03) U | |
| **TPH** | | | | | | | | | | | | |
| PETROLEUM HYDROCARBONS | NT | **2.9** | ND(1) U | ND(25) U | ND(25) U | ND(1) U | ND(1) U | ND(1) U | ND(1) U | ND(1) U | ND(1) U | |
| **Cr Hex** | | | | | | | | | | | | |
| CHROMIUM, HEXAVALENT | NT | NT | NT | NT | ND(0.01) U | ND(0.01) U | ND(0.01) U | NT | ND(0.01) U | NT | ND(0.01) U | |
| **INORGANICS** | | | | | | | | | | | | |
| CYANIDE (TOTAL) | NT | NT | NT | NT | ND(0.01) UJ | ND(0.01) U | ND(0.01) U | ND(0.01) U | **0.026** | ND(0.01) U | ND(0.01) U | |
| **PCBs** | | | | | | | | | | | | |
| AROCLOR 1016 | NT | ND(0.0002) U | ND(0.0002) U | NT | NT | ND(0.00051) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | |
| AROCLOR 1221 | NT | ND(0.0003) U | ND(0.0003) U | NT | NT | ND(0.00051) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | |
| AROCLOR 1232 | NT | ND(0.0003) U | ND(0.0003) U | NT | NT | ND(0.00051) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | |
| AROCLOR 1242 | NT | ND(0.0002) U | ND(0.0002) U | NT | NT | ND(0.00051) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | |
| AROCLOR 1248 | NT | ND(0.0003) U | ND(0.0003) U | NT | NT | ND(0.00051) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | |
| AROCLOR 1254 | NT | ND(0.0002) U | ND(0.0002) U | NT | NT | ND(0.00051) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | ND(0.0002) U | |
| AROCLOR 1260 | NT | ND(0.0003) U | ND(0.0003) U | NT | NT | ND(0.00051) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | ND(0.0003) U | |
| AROCLOR 1262 | NT | NT | NT | NT | NT | ND(0.00051) U | NT | NT | NT | ND(0.0003) U | NT | |
| AROCLOR 1268 | NT | NT | NT | NT | NT | ND(0.00051) U | NT | NT | NT | ND(0.0003) U | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| **0.71** | Detected concentration. |
| ND(0.1), U | Concentration is below the Reporting Limit as not |
| | Detected above the SCC. |
| J | The concentration is an approximate value; less t specified quantitation limit but greater than zero. |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | FB | | FB | | TB | | TB | | TB | | TB | | TB | | TB | | TB | | TB | | TB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID** | 512359 | | 512952 | | 507309 | | 507944 | | 508150 | | 508998 | | 509979 | | 510572 | | 511724 | | 512360 | | 512953 | |
| **Depth** | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | | N/A | |
| **Date** | 3/18/2004 | | 3/19/2004 | | 3/2/2004 | | 3/4/2004 | | 3/5/2004 | | 3/9/2004 | | 3/11/2004 | | 3/12/2004 | | 3/17/2004 | | 3/18/2004 | | 3/19/2004 | |
| **Matrix** | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | | SOQ | |
| **Dilution Factor** | 1 | | 1 | | 50 | | 50 | | 50 | | 50 | | 50 | | 50 | | 50 | | 50 | | 50 | |
| **Unit** | mg/l | | mg/l | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | | mg/kg | |
| **VOCs** | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,1,2,2-TETRACHLOROETHANE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U |
| 1,1,2-TRICHLOROETHANE | NT | | NT | | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U |
| 1,1-DICHLOROETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,1-DICHLOROETHENE | NT | | NT | | ND(0.25) | U | ND(0.25) | U | ND(0.26) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U |
| 1,2,4-TRICHLOROBENZENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DB | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U |
| 1,2-DIBROMOETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,2-DICHLOROBENZENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,2-DICHLOROETHANE | NT | | NT | | ND(0.25) | U | ND(0.25) | U | ND(0.26) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U |
| 1,2-DICHLOROPROPANE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U |
| 1,3-DICHLOROBENZENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 1,4-DICHLOROBENZENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 2-HEXANONE | NT | | NT | | ND(0.62) | UJ | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| 4-METHYL-2-PENTANONE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| ACETONE | NT | | NT | | ND(0.62) | UJ | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U |
| BENZENE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U |
| BROMODICHLOROMETHANE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U |
| BROMOMETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | R | ND(0.62) | UJ | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U |
| CARBON DISULFIDE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | UJ | ND(0.62) | U |
| CARBON TETRACHLORIDE | NT | | NT | | ND(0.25) | U | ND(0.25) | U | ND(0.26) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U | ND(0.25) | U |
| CFC-11 | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | UJ | ND(0.62) | U | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U | ND(0.62) | U |
| CFC-113 | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CFC-12 | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | UJ | ND(0.62) | U |
| CHLOROBENZENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CHLORODIBROMOMETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CHLOROETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CHLOROFORM | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CHLOROMETHANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CIS-1,2-DICHLOROETHENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CIS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| CYCLOHEXANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| DICHLOROMETHANE | NT | | NT | | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U | ND(0.38) | U |
| ETHYLBENZENE | NT | | NT | | ND(0.5) | U | ND(0.5) | U | ND(0.51) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| METHYL ACETATE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| METHYL ETHYL KETONE | NT | | NT | | ND(0.62) | UJ | ND(0.62) | U | ND(0.64) | R | ND(0.62) | R | ND(0.62) | R | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| METHYLCYCLOHEXANE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| MTBE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| STYRENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| TETRACHLOROETHENE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | UJ |
| TOLUENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| TRANS-1,2-DICHLOROETHENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| TRANS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| TRIBROMOMETHANE | NT | | NT | | ND(0.5) | U | ND(0.5) | U | ND(0.51) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| TRICHLOROETHENE | NT | | NT | | ND(0.12) | U | ND(0.12) | U | ND(0.13) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U | ND(0.12) | U |
| VINYL CHLORIDE | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| XYLENE (TOTAL) | NT | | NT | | ND(0.62) | U | ND(0.62) | U | ND(0.64) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U | ND(0.62) | U |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **SVOCs** | | | | | | | | | | | | | | | | | | | | | | |
| 2,2-OXYBIS(1-CHLOROPROPANE) | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4,5-TRICHLOROPHENOL | NT | | ND(0.0013) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4,6-TRICHLOROPHENOL | NT | | ND(0.0009) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DICHLOROPHENOL | NT | | ND(0.0014) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DIMETHYLPHENOL | NT | | ND(0.0008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DINITROPHENOL | NT | | ND(0.0009) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,4-DINITROTOLUENE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2,6-DINITROTOLUENE | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-CHLORONAPHTHALENE | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-CHLOROPHENOL | NT | | ND(0.0008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-METHYLNAPHTHALENE | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-METHYLPHENOL | NT | | ND(0.0008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-NITROANILINE | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 2-NITROPHENOL | NT | | ND(0.001) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 3,3-DICHLOROBENZIDINE | NT | | ND(0.0022) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 3-NITROANILINE | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4,6-DINITRO-O-CRESOL | NT | | ND(0.0014) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-BROMOPHENYL PHENYL ETHER | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLORO-3-METHYLPHENOL | NT | | ND(0.0007) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLOROANILINE | NT | | ND(0.0007) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-CHLOROPHENYL PHENYL ETHER | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-METHYLPHENOL | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| 4-NITROPHENOL | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACENAPHTHENE | NT | | ND(0.0001) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACENAPHTHYLENE | NT | | ND(0.00007) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ACETOPHENONE | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ANTHRACENE | NT | | ND(0.00008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ATRAZINE | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZALDEHYDE | NT | | ND(0.0009) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(A)ANTHRACENE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(A)PYRENE | NT | | ND(0.00008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(B)FLUORANTHENE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(G,H,I)PERYLENE | NT | | ND(0.00006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZO(K)FLUORANTHENE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BENZYL BUTYL PHTHALATE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIPHENYL | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-CHLOROETHOXY)METHANE | NT | | ND(0.0003) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-CHLOROETHYL)ETHER | NT | | ND(0.0008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| BIS(2-ETHYLHEXYL)PHTHALATE | NT | | **0.001** | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CAPROLACTAM | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CARBAZOLE | NT | | ND(0.00008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| CHRYSENE | NT | | ND(0.00007) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIBENZO(A,H)ANTHRACENE | NT | | ND(0.00004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIBENZOFURAN | NT | | ND(0.0003) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIETHYL PHTHALATE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DIMETHYL PHTHALATE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DI-N-BUTYLPHTHALATE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| DI-N-OCTYL PHTHALATE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| FLUORANTHENE | NT | | ND(0.00005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| FLUORENE | NT | | ND(0.0001) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLORO-1,3-BUTADIENE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROBENZENE | NT | | ND(0.0008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROCYCLOPENTADIENE | NT | | ND(0.0009) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| HEXACHLOROETHANE | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| INDENO(1,2,3-CD)PYRENE | NT | | ND(0.00008) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| ISOPHORONE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| NAPHTHALENE | NT | | ND(0.00004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| NITROBENZENE | NT | | ND(0.0006) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| N-NITROSODI-N-PROPYLAMINE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| N-NITROSODIPHENYLAMINE | NT | | ND(0.0002) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PENTACHLOROPHENOL | NT | | ND(0.0031) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PHENANTHRENE | NT | | ND(0.0001) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PHENOL | NT | | ND(0.0005) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| P-NITROANILINE | NT | | ND(0.0004) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| PYRENE | NT | | ND(0.00007) | U | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | | NT | |
| **TOTAL TARGETED OF SVOCs** | --- | | **0.001** | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF SVOCs** | --- | | **0.001** | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | | --- | |

**TABLE 15**
Soil Quality Assurance Results:
Methanol Blanks, Field Blanks, and Duplicate Result
On Slab Investigation
General Motors Corporation
Trenton, New Jersey
ISRA Case No. 97070

| Location | FB | | FB | | TB | TB | TB | TB | TB | TB | TB | TB | TB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 512359 | | 512952 | | 507309 | 507944 | 508150 | 508998 | 509979 | 510572 | 511724 | 512360 | 512953 |
| Depth | N/A | | N/A | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Date | 3/18/2004 | | 3/19/2004 | | 3/2/2004 | 3/4/2004 | 3/5/2004 | 3/9/2004 | 3/11/2004 | 3/12/2004 | 3/17/2004 | 3/18/2004 | 3/19/2004 |
| Matrix | SOQ | | SOQ | | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ | SOQ |
| Dilution Factor | 1 | | 1 | | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Unit | mg/l | | mg/l | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| **METALS** | | | | | | | | | | | | | |
| ALUMINUM | ND(0.25) | UJ | **0.143** | J | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| ANTIMONY | ND(0.0067) | U | ND(0.01) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| ARSENIC | ND(0.0042) | U | ND(0.004) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| BARIUM | ND(0.15) | U | ND(0.2) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| BERYLLIUM | ND(0.00067) | U | ND(0.002) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| CADMIUM | ND(0.004) | U | ND(0.004) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| CALCIUM | ND(8.8) | U | **0.237** | J | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| CHROMIUM | ND(0.018) | U | ND(0.01) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| COBALT | ND(0.1) | U | ND(0.05) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| COPPER | ND(0.014) | U | ND(0.025) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| IRON | ND(0.15) | UJ | ND(0.15) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| LEAD | ND(0.0029) | U | ND(0.003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| MAGNESIUM | ND(8.4) | U | ND(5) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| MANGANESE | ND(0.036) | U | ND(0.015) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| MERCURY | ND(0.0002) | U | ND(0.0002) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| NICKEL | ND(0.098) | U | ND(0.04) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| POTASSIUM | **0.316** | J | ND(5) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| SELENIUM | ND(0.0046) | U | ND(0.005) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| SILVER | ND(0.005) | U | ND(0.01) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| SODIUM | ND(4.6) | U | **0.808** | J | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| THALLIUM | ND(0.0094) | U | ND(0.01) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| VANADIUM | ND(0.042) | U | ND(0.05) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| ZINC | ND(0.03) | U | ND(0.03) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| **TPH** | | | | | | | | | | | | | |
| PETROLEUM HYDROCARBONS | ND(1) | U | ND(1) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| **Cr Hex** | | | | | | | | | | | | | |
| CHROMIUM, HEXAVALENT | ND(0.01) | U | NT | | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| **INORGANICS** | | | | | | | | | | | | | |
| CYANIDE (TOTAL) | ND(0.01) | U | ND(0.01) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| **PCBs** | | | | | | | | | | | | | |
| AROCLOR 1016 | ND(0.0002) | U | ND(0.0002) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1221 | ND(0.0003) | U | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1232 | ND(0.0003) | U | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1242 | ND(0.0002) | U | ND(0.0002) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1248 | ND(0.0003) | U | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1254 | ND(0.0002) | U | ND(0.0002) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1260 | ND(0.0003) | U | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1262 | NT | | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| AROCLOR 1268 | NT | | ND(0.0003) | U | NT | NT | NT | NT | NT | NT | NT | NT | NT |

Notes:

| | |
|---|---|
| NT | Not Tested |
| SCC | Most stringent of the Residential Direct Contact, Non-Residential Direct Contact and the Impact to Ground Water Soil Cleanup Criteria. |
| **0.71** | Detected concentration. |
| ND(0.1), U | Concentration is below the Reporting Limit as not |
| | Detected above the SCC. |
| J | The concentration is an approximate value; less t specified quantitation limit but greater than zero. |

**TABLE 16**
**Groundwater Quality Assurance Results:**
**Field Blanks, Trip Blanks and Duplicate Results**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | | | FB | | FB | | FB | | FB | | FB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | | | 559886 | | 560330 | | 560843 | | 561186 | | 561683 | |
| Date | NJDEP | | 9/1/2004 | | 9/2/2004 | | 9/3/2004 | | 9/7/2004 | | 9/8/2004 | |
| Dilution Factor | GWQS | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 30. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | 1. | | NT | | NT | | NT | | NT | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | 3. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | 50. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 1,1-DICHLOROETHENE | 2. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | 9. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | 1. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | 0.05 | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,2-DICHLOROBENZENE | 600. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | 2. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | 1. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | 600. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | 75. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| 2-HEXANONE | 100. | | NT | | NT | | NT | | NT | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | 400. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| ACETONE | 700. | | NT | | NT | | NT | | NT | | ND(1) | U |
| BENZENE | 1. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| BROMODICHLOROMETHANE | 1. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| BROMOMETHANE | 10. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CARBON DISULFIDE | 800. | | NT | | NT | | NT | | NT | | ND(0.2) | UJ |
| CARBON TETRACHLORIDE | 2. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CFC-11 | 2,000. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| CFC-113 | 100. | | NT | | NT | | NT | | NT | | ND(0.3) | UJ |
| CFC-12 | 1,000. | | NT | | NT | | NT | | NT | | ND(0.3) | UJ |
| CHLOROBENZENE | 50. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CHLORODIBROMOMETHANE | 10. | | NT | | NT | | NT | | NT | | ND(0.2) | U |
| CHLOROETHANE | 100. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| CHLOROFORM | 6. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CHLOROMETHANE | 30. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | 70. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| CIS-1,3-DICHLOROPROPENE | 100. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CUMENE | 800. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| CYCLOHEXANE | 100. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| DICHLOROMETHANE | 3. | | NT | | NT | | NT | | NT | | ND(0.9) | U |
| ETHYLBENZENE | 700. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| METHYL ACETATE | 7,000. | | NT | | NT | | NT | | NT | | ND(0.5) | U |
| METHYL ETHYL KETONE | 300. | | NT | | NT | | NT | | NT | | ND(0.9) | U |
| METHYLCYCLOHEXANE | 100. | | NT | | NT | | NT | | NT | | ND(0.2) | U |
| MTBE | 70. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| STYRENE | 100. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| TETRACHLOROETHENE | 1. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| TOLUENE | 1,000. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | 100. | | NT | | NT | | NT | | NT | | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | 100. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| TRIBROMOMETHANE | 4. | | NT | | NT | | NT | | NT | | ND(0.3) | UJ |
| TRICHLOROETHENE | 1. | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| VINYL CHLORIDE | 5. | | NT | | NT | | NT | | NT | | ND(0.4) | UJ |
| XYLENE (TOTAL) | 1,000. | | NT | | NT | | NT | | NT | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL NON-TARGETED OF VOCs** | | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | 1,000. | | --- | | --- | | --- | | --- | | --- | |
| **METALS** | | | | | | | | | | | | |
| ANTIMONY | 20. | | ND(5.8) | U | ND(5.8) | U | ND(5.8) | U | ND(3.9) | U | NT | |
| ARSENIC AS TOTAL | 8. | | ND(3.2) | U | ND(3.2) | U | ND(3.2) | U | ND(3.5) | U | NT | |
| BARIUM AS TOTAL | 2,000. | | ND(1.7) | U | ND(1.7) | U | ND(1.7) | U | ND(1.3) | U | NT | |
| BERYLLIUM AS TOTAL | 20. | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.1) | U | NT | |
| CADMIUM AS TOTAL | 4. | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| CHROMIUM AS TOTAL | 100. | | ND(1.6) | U | ND(1.6) | U | ND(1.6) | U | ND(2.8) | U | NT | |
| COBALT AS TOTAL | 100. | | ND(1.7) | U | ND(1.7) | U | ND(1.7) | U | ND(3.5) | U | NT | |
| COPPER AS TOTAL | 1,000. | | ND(3.7) | U | ND(3.7) | U | **3.8** | | ND(3.1) | U | NT | |
| LEAD AS TOTAL | 10. | | ND(2.6) | U | ND(2.6) | U | ND(2.6) | U | ND(2.2) | U | NT | |
| MANGANESE AS TOTAL | 50. | | ND(1.2) | U | ND(1.2) | U | ND(1.2) | U | ND(2.9) | U | NT | |
| MERCURY AS TOTAL | 2. | | ND(0.1) | U | ND(0.1) | U | ND(0.1) | U | ND(0.1) | U | NT | |
| NICKEL AS TOTAL | 100. | | ND(2.4) | U | ND(2.4) | U | ND(2.4) | U | ND(3.9) | U | NT | |
| SELENIUM AS TOTAL | N/A | | ND(4.2) | U | ND(4.2) | U | ND(4.2) | U | ND(4.7) | U | NT | |
| SILVER AS TOTAL | 30. | | ND(1.4) | U | ND(1.4) | U | ND(1.4) | U | ND(0.8) | U | NT | |
| THALLIUM AS TOTAL | 10. | | ND(4.7) | U | ND(4.7) | U | ND(4.7) | U | ND(4.4) | U | NT | |
| VANADIUM AS TOTAL | N/A | | ND(2) | U | ND(2) | U | ND(2) | U | ND(1.5) | U | NT | |
| ZINC AS TOTAL | 5,000. | | **18.9** | | **7.4** | | ND(17) | U | **6.4** | J | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as noted. |
| **18.9** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 16**
**Groundwater Quality Assurance Results:**
**Field Blanks, Trip Blanks and Duplicate Results**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | FB | | FB | | FB | | FB | | FB | | FB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 561692 | | 562052 | | 562057 | | 562499 | | 562995 | | 563502 | |
| Date | 9/8/2004 | | 9/9/2004 | | 9/9/2004 | | 9/10/2004 | | 9/13/2004 | | 9/14/2004 | |
| Dilution Factor | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | NT | | ND(0.5) | U | NT | | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,1-DICHLOROETHANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,1-DICHLOROETHENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,2-DIBROMOETHANE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DICHLOROBENZENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DICHLOROETHANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 2-HEXANONE | NT | | ND(0.9) | U | NT | | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| ACETONE | NT | | ND(1) | U | NT | | ND(1) | UJ | **5.** | | ND(1) | U |
| BENZENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| BROMODICHLOROMETHANE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| BROMOMETHANE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | U |
| CARBON DISULFIDE | NT | | ND(0.2) | UJ | NT | | ND(0.2) | U | ND(0.2) | U | ND(0.2) | UJ |
| CARBON TETRACHLORIDE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CFC-11 | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CFC-113 | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CFC-12 | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLOROBENZENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLORODIBROMOMETHANE | NT | | ND(0.2) | U | NT | | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| CHLOROETHANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | UJ | ND(0.4) | U |
| CHLOROFORM | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLOROMETHANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CIS-1,3-DICHLOROPROPENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CUMENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CYCLOHEXANE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| DICHLOROMETHANE | NT | | ND(0.9) | U | NT | | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U |
| ETHYLBENZENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| METHYL ACETATE | NT | | ND(0.5) | U | NT | | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| METHYL ETHYL KETONE | NT | | ND(0.9) | U | NT | | ND(0.9) | U | ND(0.9) | U | ND(0.9) | UJ |
| METHYLCYCLOHEXANE | NT | | ND(0.2) | U | NT | | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| MTBE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| STYRENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TETRACHLOROETHENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| TOLUENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | NT | | ND(0.3) | U | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| TRIBROMOMETHANE | NT | | ND(0.3) | UJ | NT | | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TRICHLOROETHENE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| VINYL CHLORIDE | NT | | ND(0.4) | U | NT | | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| XYLENE (TOTAL) | NT | | ND(0.2) | U | NT | | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | --- | | --- | | **5.** | | --- | |
| **TOTAL NON-TARGETED OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | --- | | --- | | **5.** | | --- | |
| **METALS** | | | | | | | | | | | | |
| ANTIMONY | ND(3.9) | U | NT | | ND(3.9) | U | NT | | NT | | NT | |
| ARSENIC AS TOTAL | ND(3.5) | U | NT | | ND(3.5) | U | NT | | NT | | NT | |
| BARIUM AS TOTAL | ND(1.3) | U | NT | | ND(1.3) | U | NT | | NT | | NT | |
| BERYLLIUM AS TOTAL | ND(0.1) | U | NT | | ND(0.1) | U | NT | | NT | | NT | |
| CADMIUM AS TOTAL | ND(0.4) | U | NT | | ND(0.4) | U | NT | | NT | | NT | |
| CHROMIUM AS TOTAL | ND(2.8) | U | NT | | ND(2.8) | U | NT | | NT | | NT | |
| COBALT AS TOTAL | ND(3.5) | U | NT | | ND(3.5) | U | NT | | NT | | NT | |
| COPPER AS TOTAL | ND(3.1) | U | NT | | ND(3.1) | U | NT | | NT | | NT | |
| LEAD AS TOTAL | ND(2.2) | U | NT | | ND(2.2) | U | NT | | NT | | NT | |
| MANGANESE AS TOTAL | ND(2.9) | U | NT | | ND(2.9) | U | NT | | NT | | NT | |
| MERCURY AS TOTAL | ND(0.1) | U | NT | | ND(0.1) | U | NT | | NT | | NT | |
| NICKEL AS TOTAL | ND(3.9) | U | NT | | ND(3.9) | U | NT | | NT | | NT | |
| SELENIUM AS TOTAL | ND(4.7) | U | NT | | ND(4.7) | U | NT | | NT | | NT | |
| SILVER AS TOTAL | ND(0.8) | U | NT | | ND(0.8) | U | NT | | NT | | NT | |
| THALLIUM AS TOTAL | ND(4.4) | U | NT | | ND(4.4) | U | NT | | NT | | NT | |
| VANADIUM AS TOTAL | ND(1.5) | U | NT | | ND(1.5) | U | NT | | NT | | NT | |
| ZINC AS TOTAL | ND(5.8) | U | NT | | **7.4** | | NT | | NT | | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as i |
| **18.9** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 16**
**Groundwater Quality Assurance Results:**
**Field Blanks, Trip Blanks and Duplicate Results**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | FB | | FB | | TB | | TB | | TB | | TB | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 563915 | | 568800 | | 561682 | | 562051 | | 562498 | | 562994 | |
| Date | 9/15/2004 | | 9/30/2004 | | 9/8/2004 | | 9/9/2004 | | 9/10/2004 | | 9/13/2004 | |
| Dilution Factor | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,1-DICHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,1-DICHLOROETHENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,2-DIBROMOETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DICHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| 1,2-DICHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| 2-HEXANONE | ND(0.9) | U | ND(0.9) | UJ | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| ACETONE | ND(1) | U | ND(1) | U | ND(1) | U | ND(1) | U | ND(1) | UJ | ND(1) | U |
| BENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| BROMODICHLOROMETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| BROMOMETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | UJ |
| CARBON DISULFIDE | ND(0.2) | U | ND(0.2) | UJ | ND(0.2) | UJ | ND(0.2) | UJ | ND(0.2) | U | ND(0.2) | U |
| CARBON TETRACHLORIDE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CFC-11 | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CFC-113 | ND(0.3) | U | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CFC-12 | ND(0.3) | U | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLORODIBROMOMETHANE | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| CHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | UJ |
| CHLOROFORM | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CHLOROMETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| CIS-1,3-DICHLOROPROPENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CUMENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| CYCLOHEXANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| DICHLOROMETHANE | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U |
| ETHYLBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| METHYL ACETATE | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U |
| METHYL ETHYL KETONE | ND(0.9) | U | ND(0.9) | UJ | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U |
| METHYLCYCLOHEXANE | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| MTBE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| STYRENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TETRACHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| TOLUENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U |
| TRANS-1,3-DICHLOROPROPENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| TRIBROMOMETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | UJ | ND(0.3) | U | ND(0.3) | U |
| TRICHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| VINYL CHLORIDE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | UJ | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U |
| XYLENE (TOTAL) | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL NON-TARGETED OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | --- | | --- | | --- | | --- | |
| **METALS** | | | | | | | | | | | | |
| ANTIMONY | NT | | NT | | NT | | NT | | NT | | NT | |
| ARSENIC AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| BARIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| BERYLLIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| CADMIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| CHROMIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| COBALT AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| COPPER AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| LEAD AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| MANGANESE AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| MERCURY AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| NICKEL AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| SELENIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| SILVER AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| THALLIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| VANADIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |
| ZINC AS TOTAL | NT | | NT | | NT | | NT | | NT | | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as r |
| **18.9** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 16**
**Groundwater Quality Assurance Results:**
**Field Blanks, Trip Blanks and Duplicate Results**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | TB | | TB | | TB | | MW-7A | | MW-11A | | MW-15 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 563501 | | 563914 | | 568798 | | 563006 | | 563493 | | 559888 | |
| Date | 9/14/2004 | | 9/15/2004 | | 9/30/2004 | | 9/13/2004 | | 9/14/2004 | | 9/1/2004 | |
| Dilution Factor | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| 1,1,2,2-TETRACHLOROETHANE | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | NT | |
| 1,1,2-TRICHLOROETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| 1,1-DICHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| 1,1-DICHLOROETHENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| 1,2,4-TRICHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| 1,2-DIBROMOETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | *ND(0.3)* | U | *ND(0.3)* | U | NT | |
| 1,2-DICHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | **0.7** | | ND(0.3) | U | NT | |
| 1,2-DICHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| 1,2-DICHLOROPROPANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| 1,3-DICHLOROBENZENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | **0.6** | | ND(0.4) | U | NT | |
| 1,4-DICHLOROBENZENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | **2.1** | | ND(0.4) | U | NT | |
| 2-HEXANONE | ND(0.9) | U | ND(0.9) | U | ND(0.9) | UJ | ND(0.9) | U | ND(0.9) | U | NT | |
| 4-METHYL-2-PENTANONE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| ACETONE | ND(1) | U | ND(1) | U | ND(1) | U | **5.2** | | ND(1) | U | NT | |
| BENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | **1** | | ND(0.3) | U | NT | |
| BROMODICHLOROMETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| BROMOMETHANE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | U | NT | |
| CARBON DISULFIDE | ND(0.2) | U | ND(0.2) | UJ | ND(0.2) | UJ | ND(0.2) | U | ND(0.2) | U | NT | |
| CARBON TETRACHLORIDE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CFC-11 | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| CFC-113 | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CFC-12 | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CHLOROBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | **6.9** | | ND(0.3) | U | NT | |
| CHLORODIBROMOMETHANE | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | NT | |
| CHLOROETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | UJ | ND(0.4) | U | NT | |
| CHLOROFORM | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CHLOROMETHANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| CIS-1,2-DICHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | **0.5** | | NT | |
| CIS-1,3-DICHLOROPROPENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CUMENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| CYCLOHEXANE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| DICHLOROMETHANE | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | ND(0.9) | U | NT | |
| ETHYLBENZENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| METHYL ACETATE | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | ND(0.5) | U | NT | |
| METHYL ETHYL KETONE | ND(0.9) | U | ND(0.9) | U | ND(0.9) | UJ | ND(0.9) | U | ND(0.9) | U | NT | |
| METHYLCYCLOHEXANE | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | NT | |
| MTBE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| STYRENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| TETRACHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| TOLUENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| TRANS-1,2-DICHLOROETHENE | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | ND(0.3) | U | NT | |
| TRANS-1,3-DICHLOROPROPENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| TRIBROMOMETHANE | ND(0.3) | UJ | ND(0.3) | U | ND(0.3) | UJ | ND(0.3) | U | ND(0.3) | UJ | NT | |
| TRICHLOROETHENE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | NT | |
| VINYL CHLORIDE | ND(0.4) | U | ND(0.4) | U | ND(0.4) | U | **0.6** | | ND(0.4) | U | NT | |
| XYLENE (TOTAL) | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | ND(0.2) | U | NT | |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | --- | | **17.1** | | **0.5** | | --- | |
| **TOTAL NON-TARGETED OF VOCs** | --- | | --- | | --- | | **39.6** | | --- | | --- | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | --- | | **56.7** | | **0.5** | | --- | |
| **METALS** | | | | | | | | | | | | |
| ANTIMONY | NT | | NT | | NT | | NT | | NT | | ND(5.8) | U |
| ARSENIC AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(3.2) | U |
| BARIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | **170** | |
| BERYLLIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | **0.58** | |
| CADMIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(0.4) | U |
| CHROMIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | **10.9** | |
| COBALT AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(1.7) | U |
| COPPER AS TOTAL | NT | | NT | | NT | | NT | | NT | | **6** | |
| LEAD AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(2.6) | U |
| MANGANESE AS TOTAL | NT | | NT | | NT | | NT | | NT | | **6.9** | |
| MERCURY AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(0.1) | U |
| NICKEL AS TOTAL | NT | | NT | | NT | | NT | | NT | | **10.4** | |
| SELENIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(4.2) | U |
| SILVER AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(1.4) | U |
| THALLIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(4.7) | U |
| VANADIUM AS TOTAL | NT | | NT | | NT | | NT | | NT | | ND(2) | U |
| ZINC AS TOTAL | NT | | NT | | NT | | NT | | NT | | **20.1** | |

Notes:

| | |
|---|---|
| NT | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as i |
| **18.9** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

**TABLE 16**
**Groundwater Quality Assurance Results:**
**Field Blanks, Trip Blanks and Duplicate Results**
**General Motors Corporation**
**Trenton, New Jersey**
**ISRA Case No. 97070**

| Location | MW-16A | | MW-26 | | MW-35A | | UST-7 | | UST-8 | |
|---|---|---|---|---|---|---|---|---|---|---|
| Lab Sample ID | 562056 | | 560329 | | 562046 | | 561183 | | 563913 | |
| Date | 9/9/2004 | | 9/2/2004 | | 9/9/2004 | | 9/7/2004 | | 9/15/2004 | |
| Dilution Factor | 1 | | 1 | | 1 | | 1 | | 1 | |
| Unit | ug/l | | ug/l | | ug/l | | ug/l | | ug/l | |
| **VOCs** | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| 1,1,2,2-TETRACHLOROETHANE | NT | | NT | | ND(0.5) | U | NT | | ND(0.5) | U |
| 1,1,2-TRICHLOROETHANE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| 1,1-DICHLOROETHANE | NT | | NT | | ND(0.4) | U | NT | | **1.4** | |
| 1,1-DICHLOROETHENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| 1,2,4-TRICHLOROBENZENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| 1,2-DIBROMO-3-CHLOROPROPANE (DBCP) | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| 1,2-DIBROMOETHANE | NT | | NT | | *ND(0.3)* | U | NT | | *ND(0.3)* | U |
| 1,2-DICHLOROBENZENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| 1,2-DICHLOROETHANE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| 1,2-DICHLOROPROPANE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| 1,3-DICHLOROBENZENE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| 1,4-DICHLOROBENZENE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| 2-HEXANONE | NT | | NT | | ND(0.9) | U | NT | | ND(0.9) | U |
| 4-METHYL-2-PENTANONE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| ACETONE | NT | | NT | | ND(1) | U | NT | | ND(1) | U |
| BENZENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| BROMODICHLOROMETHANE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| BROMOMETHANE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CARBON DISULFIDE | NT | | NT | | ND(0.2) | UJ | NT | | ND(0.2) | UJ |
| CARBON TETRACHLORIDE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CFC-11 | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| CFC-113 | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CFC-12 | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CHLOROBENZENE | NT | | NT | | **0.8** | | NT | | ND(0.3) | U |
| CHLORODIBROMOMETHANE | NT | | NT | | ND(0.2) | U | NT | | ND(0.2) | U |
| CHLOROETHANE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| CHLOROFORM | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CHLOROMETHANE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| CIS-1,2-DICHLOROETHENE | NT | | NT | | **2.6** | | NT | | **16** | |
| CIS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CUMENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| CYCLOHEXANE | NT | | NT | | ND(0.4) | U | NT | | **18** | |
| DICHLOROMETHANE | NT | | NT | | ND(0.9) | U | NT | | ND(0.9) | U |
| ETHYLBENZENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| METHYL ACETATE | NT | | NT | | ND(0.5) | U | NT | | ND(0.5) | U |
| METHYL ETHYL KETONE | NT | | NT | | ND(0.9) | U | NT | | ND(0.9) | U |
| METHYLCYCLOHEXANE | NT | | NT | | ND(0.2) | U | NT | | **1.8** | |
| MTBE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| STYRENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| TETRACHLOROETHENE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| TOLUENE | NT | | NT | | ND(0.3) | U | NT | | ND(0.3) | U |
| TRANS-1,2-DICHLOROETHENE | NT | | NT | | ND(0.3) | U | NT | | **4.7** | |
| TRANS-1,3-DICHLOROPROPENE | NT | | NT | | ND(0.4) | U | NT | | ND(0.4) | U |
| TRIBROMOMETHANE | NT | | NT | | ND(0.3) | UJ | NT | | ND(0.3) | U |
| TRICHLOROETHENE | NT | | NT | | **3** | | NT | | **5.8** | |
| VINYL CHLORIDE | NT | | NT | | ND(0.4) | U | NT | | **12** | |
| XYLENE (TOTAL) | NT | | NT | | ND(0.2) | U | NT | | ND(0.2) | U |
| **TOTAL TARGETED OF VOCs** | --- | | --- | | **6.4** | | --- | | **59.7** | |
| **TOTAL NON-TARGETED OF VOCs** | --- | | --- | | --- | | --- | | **185** | |
| **TOTAL CONCENTRATION OF VOCs** | --- | | --- | | **6.4** | | --- | | **244.7** | |
| **METALS** | | | | | | | | | | |
| ANTIMONY | ND(3.9) | U | ND(5.8) | U | NT | | ND(3.9) | U | NT | |
| ARSENIC AS TOTAL | ND(3.5) | U | ND(3.2) | U | NT | | ND(3.5) | U | NT | |
| BARIUM AS TOTAL | **218** | | **130** | | NT | | **222** | | NT | |
| BERYLLIUM AS TOTAL | ND(0.1) | U | ND(0.3) | U | NT | | ND(0.1) | U | NT | |
| CADMIUM AS TOTAL | ND(0.4) | U | ND(0.4) | U | NT | | ND(0.4) | U | NT | |
| CHROMIUM AS TOTAL | ND(2.8) | U | ND(1.6) | U | NT | | ND(2.8) | U | NT | |
| COBALT AS TOTAL | **30.5** | | ND(1.7) | U | NT | | ND(3.5) | U | NT | |
| COPPER AS TOTAL | **4** | | **4.7** | | NT | | ND(3.1) | U | NT | |
| LEAD AS TOTAL | ND(2.2) | U | ND(2.6) | U | NT | | ND(2.2) | U | NT | |
| MANGANESE AS TOTAL | **11200** | | **566** | | NT | | **294** | | NT | |
| MERCURY AS TOTAL | ND(0.1) | U | ND(0.1) | U | NT | | ND(0.1) | U | NT | |
| NICKEL AS TOTAL | **22.7** | | **8** | | NT | | ND(3.9) | U | NT | |
| SELENIUM AS TOTAL | ND(4.7) | U | ND(4.2) | U | NT | | ND(4.7) | U | NT | |
| SILVER AS TOTAL | ND(0.8) | U | ND(1.4) | U | NT | | ND(0.8) | U | NT | |
| THALLIUM AS TOTAL | ND(4.4) | U | ND(4.7) | U | NT | | ND(4.4) | U | NT | |
| VANADIUM AS TOTAL | ND(1.5) | U | ND(2) | U | NT | | ND(1.5) | U | NT | |
| ZINC AS TOTAL | **18.2** | | **12.3** | | NT | | **11.3** | J | NT | |

Notes:

| | |
|---|---|
| NT | Not Tested. |
| GWQS | Ground water Quality Standards. |
| ND(0.1), U | Not detected, concentration is below the Reporting Limit as i |
| **18.9** | Detected concentration. |
| | Detected above the NJDEP GWQS. |
| J | The concentration is an approximate value; less than the specified quantitation limit but greater than zero. |

# SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
# FORMER DELPHI INTERIOR AND LIGHTING SYSTEMS DIVISION
# GENERAL MOTORS CORPORATION
# TRENTON, NEW JERSEY
# ISRA CASE NO. 97070

**VOLUME II OF III**

**by**

**Haley & Aldrich, Inc.**
**Parsippany, New Jersey**

**for**

**General Motors Corporation**
**Pontiac, Michigan**

**File No. 70613-119**
**14 April 2005**

HALEY & ALDRICH

**FIGURES**

FIGURE 1

FILE: 70613-115 E15 (2004)

KEY PLAN

| PL36-03 | 03/17/2004 9 - 9.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | ND (25) |
| METALS | |
| ALUMINUM | 2070 |
| ANTIMONY AS TOTAL | 497 |
| ARSENIC AS TOTAL | ND (8.1) |
| BARIUM AS TOTAL | 107 B |
| BERYLLIUM AS TOTAL | ND (0.76) |
| CADMIUM AS TOTAL | ND (1) |
| CALCIUM | 1170 |
| CHROMIUM | 13900 |
| COBALT | ND (4.3) |
| COPPER AS TOTAL | 462 B |
| IRON | 25700 |
| LEAD AS TOTAL | 8.2 |
| MAGNESIUM | 130 B |
| MANGANESE | 193 B |
| MERCURY AS TOTAL | 0.09 |
| NICKEL AS TOTAL | 73 B |
| POTASSIUM | 1090 B |
| SELENIUM AS TOTAL | ND (1.6) |
| SILVER AS TOTAL | ND (3.6) |
| SODIUM | ND (2056) |
| VANADIUM | 23 B |
| ZINC AS TOTAL | 183 B |
| CHROMIUM, HEXAVALENT | 12000 |
| INORGANIC PARAMETERS | |
| CYANIDE (TOTAL) | ND (0.5) |
| PCBs | |
| AROCLOR 1260 | ND (0.054) |

| PL36-02 | 03/17/2004 9.5 - 6 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 33700 |
| METALS | |
| ALUMINUM | 2620 |
| ANTIMONY AS TOTAL | 135 |
| ARSENIC AS TOTAL | ND (27.9) |
| BARIUM AS TOTAL | 6200 |
| BERYLLIUM AS TOTAL | ND (2.6) |
| CADMIUM AS TOTAL | ND (3.5) |
| CALCIUM | 3460 B |
| CHROMIUM | 47500 |
| COBALT | ND (14.8) |
| COPPER AS TOTAL | 11000 |
| IRON | 28600 |
| LEAD AS TOTAL | 39.6 |
| MAGNESIUM | 1350 B |
| MANGANESE | 237 |
| MERCURY AS TOTAL | 0.25 |
| NICKEL AS TOTAL | 1220 |
| POTASSIUM | ND (278) |
| SELENIUM AS TOTAL | 4.4 B |
| SILVER AS TOTAL | ND (3.2) |
| SODIUM | ND (3451) |
| VANADIUM | ND (15.7) |
| ZINC AS TOTAL | 1420 |
| CHROMIUM, HEXAVALENT | 8700 |
| INORGANIC PARAMETERS | |
| CYANIDE (TOTAL) | 1.4 |
| PCBs | |
| AROCLOR 1260 | ND (0.023) |

| PL36-01 | 03/17/2004 9 - 10 feet | 03/17/2004 5 - 7 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | 317.5 | ND (25) |
| METALS | | |
| ALUMINUM | 13600 | 4990 |
| ANTIMONY AS TOTAL | 1.4 B | 1.4 B |
| ARSENIC AS TOTAL | 10.9 | ND (5.93) |
| BARIUM AS TOTAL | 253 | 63.3 B |
| BERYLLIUM AS TOTAL | 0.62 | 0.24 B |
| CADMIUM AS TOTAL | ND (0.995) | ND (0.895) |
| CALCIUM | 10300 | 167 B |
| CHROMIUM | 1170 | 1.9 B |
| COBALT | 7.5 B | 2.9 B |
| COPPER AS TOTAL | 330 | 8.92 |
| IRON | 21000 | 5700 |
| LEAD AS TOTAL | 24.4 | 5.2 |
| MAGNESIUM | 2240 | 1160 B |
| MANGANESE | 324 | 59.4 |
| MERCURY AS TOTAL | 0.02 B | ND (0.02) |
| NICKEL AS TOTAL | 108 | 7.48 |
| POTASSIUM | 614 B | 395 B |
| SELENIUM AS TOTAL | ND (1) | ND (1) |
| SILVER AS TOTAL | ND (0.25) | ND (0.23) |
| SODIUM | 1130 B | 668 B |
| VANADIUM | 53.6 | 11.9 |
| ZINC AS TOTAL | 251 | 98.9 |
| CR (VI) | | |
| CHROMIUM, HEXAVALENT | 167 | 36 |
| INORGANIC PARAMETERS | | |
| CYANIDE (TOTAL) | 4.7 | ND (0.5) |
| PCBs | | |
| AROCLOR 1260 | ND (0.064) | ND (0.064) |

| SB-1 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | ND (25) |
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (0.0053) |
| 1,1,2-TRICHLOROETHANE | ND (0.0036) |
| 1,2,4-TRICHLOROBENZENE | ND (0.0044) |
| 1,2-DICHLOROBENZENE | ND (0.007) |
| 1,4-DICHLOROBENZENE | ND (0.033) |
| CIS-1,2-DICHLOROETHENE | ND (0.0029) |
| ETHYLBENZENE | ND (0.0026) |
| ISOPROPYLBENZENE | ND (0.0039) |
| METHYLBENZENE | ND (0.0075) |
| TETRACHLOROETHENE | ND (0.0052) |
| TRICHLOROETHYLENE | ND (0.0037) |
| XYLENE (TOTAL) | ND (0.0041) |
| METALS | |
| ALUMINUM | 7250 |
| ARSENIC AS TOTAL | 3.2 B |
| BARIUM AS TOTAL | 73.1 |
| BERYLLIUM AS TOTAL | ND (0.59) |
| CALCIUM | 6460 |
| CHROMIUM | 75.9 |
| IRON | 15600 |
| LEAD AS TOTAL | 10.7 |
| MAGNESIUM | 1240 |
| MERCURY AS TOTAL | ND (0.009) |
| NICKEL AS TOTAL | 102 |
| SODIUM | ND (83.7) |
| ZINC AS TOTAL | 90.8 |

| SB-2 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 75.9 |

| SB-3 | 03/12/2004 3.5 - 4 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | ND (25) |

| SB-4 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 58.5 |

| SB-5 | 03/12/2004 3.5 - 4 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-6 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 30.4 |

| SB-7 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 27.4 |

| SB-8 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 4700 |

| SB-9 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-10 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-11 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-12 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-13 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-14 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-15 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-16 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-17 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-18 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-19 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-20 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-21 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-22 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-23 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-24 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-25 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-26 | 03/12/2004 4 - 4.5 feet |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1530 |

| SB-27 | 03/12/2004 4 - 4.5 feet |
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| SB-28 | 03/12/2004 4 - 4.5 feet |
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| SB-29 | 03/12/2004 4 - 4.5 feet |
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| SB-30 | 03/12/2004 4 - 4.5 feet |
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| SB-31 | 03/12/2004 4 - 4.5 feet |
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| SB-32 | 03/12/2004 4 - 4.5 feet |
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| SB-33 | 03/12/2004 4 - 4.5 feet |
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| SB-34 | 03/12/2004 4 - 4.5 feet |
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| SB-35 | 03/12/2004 4 - 4.5 feet |
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| SB-36 | 03/12/2004 4 - 4.5 feet |
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| SB-37 | 03/12/2004 4 - 4.5 feet |
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| SB-38 | 03/12/2004 4 - 4.5 feet |
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| SB-39 | 03/12/2004 4 - 4.5 feet |
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| SB-40 | 03/12/2004 4 - 4.5 feet |
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| SB-41 | 03/12/2004 4 - 4.5 feet |
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| SB-42 | 03/12/2004 4 - 4.5 feet |
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| PETROLEUM HYDROCARBONS | | 13000 |
| METALS | | |
| ALUMINUM | | 6360 |
| ANTIMONY AS TOTAL | | ND (0.87) |
| ARSENIC AS TOTAL | | 22.9 |
| BARIUM AS TOTAL | | 52.9 |
| BERYLLIUM AS TOTAL | | 0.23 J |
| CADMIUM AS TOTAL | | 0.69 J |
| CALCIUM | | 1040 J |
| CHROMIUM | | 13.6 |
| COBALT | | 5.9 J |
| COPPER AS TOTAL | | 14.8 |
| IRON | | 9890 |
| LEAD AS TOTAL | | 12.9 |
| MAGNESIUM | | 354 B |
| MANGANESE | | 367 |
| MERCURY AS TOTAL | | 0.07 |
| NICKEL AS TOTAL | | 9.7 |
| POTASSIUM | | 255 B |
| SELENIUM AS TOTAL | | ND (0.87) |
| SILVER AS TOTAL | | 0.4 B |
| SODIUM | | 185 B |
| VANADIUM | | 19.1 |
| ZINC AS TOTAL | | 148 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 2.6 |

| PL10-07 | | 03/05/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 3500 |
| METALS | | |
| ALUMINUM | | 3500 |
| ANTIMONY AS TOTAL | | ND (3.3) |
| ARSENIC AS TOTAL | | ND (0.96) |
| BARIUM AS TOTAL | | 69.7 |
| BERYLLIUM AS TOTAL | | 0.62 |
| CADMIUM AS TOTAL | | 0.17 B |
| CALCIUM | | 1240 |
| CHROMIUM | | 8.6 |
| COBALT | | 3.1 B |
| COPPER AS TOTAL | | 7.7 |
| IRON | | 9200 |
| LEAD AS TOTAL | | 6.5 |
| MAGNESIUM | | 1060 |
| MANGANESE | | 98.8 |
| MERCURY AS TOTAL | | ND (0.02) |
| NICKEL AS TOTAL | | 5.8 |
| POTASSIUM | | 703 |
| SELENIUM AS TOTAL | | ND (0.87) |
| SILVER AS TOTAL | | ND (0.43) |
| SODIUM | | 58 B |
| VANADIUM | | ND (11.8) |
| ZINC AS TOTAL | | 50.3 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-06 | | 03/17/2004 0.75 - 3.25 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 973 |
| METALS | | |
| ALUMINUM | | 6990 |
| ANTIMONY AS TOTAL | | ND (0.9) |
| ARSENIC AS TOTAL | | ND (0.7) |
| BARIUM AS TOTAL | | 37 |
| BERYLLIUM AS TOTAL | | ND (0.088) |
| CADMIUM AS TOTAL | | 1400 |
| CALCIUM | | 14 |
| CHROMIUM | | 27.9 |
| COBALT | | 27.4 |
| COPPER AS TOTAL | | 2780 |
| IRON | | 305 |
| LEAD AS TOTAL | | ND (0.92) |
| MAGNESIUM | | 2090 |
| MANGANESE | | 27.4 |
| MERCURY AS TOTAL | | ND (0.02) |
| NICKEL AS TOTAL | | 17.9 |
| POTASSIUM | | 2170 |
| SELENIUM AS TOTAL | | ND (0.92) |
| SILVER AS TOTAL | | ND (0.31) |
| SODIUM | | 663 B |
| VANADIUM | | 44.6 |
| ZINC AS TOTAL | | 147 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-04 | | 03/11/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 1300 |
| METALS | | |
| ALUMINUM | | 13000 |
| ANTIMONY AS TOTAL | | ND (0.96) |
| ARSENIC AS TOTAL | | 9.8 |
| BARIUM AS TOTAL | | 97 |
| BERYLLIUM AS TOTAL | | 0.45 |
| CADMIUM AS TOTAL | | ND (0.087) |
| CALCIUM | | 1240 |
| CHROMIUM | | 18.7 |
| COBALT | | 14.2 |
| COPPER AS TOTAL | | 14.3 |
| IRON | | 25880 |
| LEAD AS TOTAL | | 19.9 |
| MAGNESIUM | | 1990 |
| MANGANESE | | 305 |
| MERCURY AS TOTAL | | 0.05 |
| NICKEL AS TOTAL | | 116 |
| POTASSIUM | | 961 B |
| SELENIUM AS TOTAL | | ND (1.65) |
| SILVER AS TOTAL | | ND (0.43) |
| SODIUM | | 380 B |
| VANADIUM | | 36 |
| ZINC AS TOTAL | | 402 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-17 | | 03/17/2004 0.5 - 3 feet | 03/17/2004 3.5 - 4 feet |
|---|---|---|---|
| TPH | | | |
| PETROLEUM HYDROCARBONS | | 4630 | 418 |
| METALS | | | |
| ALUMINUM | | 15200 | 6940 |
| ANTIMONY AS TOTAL | | ND (2.6) | 16.7 |
| ARSENIC AS TOTAL | | 12.3 | 68.9 |
| BARIUM AS TOTAL | | 148 | 737 |
| BERYLLIUM AS TOTAL | | 0.7 | 1.6 |
| CADMIUM AS TOTAL | | ND (0.697) | ND (0.086) |
| CALCIUM | | 1020 | 874 B |
| CHROMIUM | | 30.4 | 16 |
| COBALT | | 12.7 | 6.7 B |
| COPPER AS TOTAL | | 30 | 49 B |
| IRON | | 31700 | 15900 |
| LEAD AS TOTAL | | 32.2 | 15.5 |
| MAGNESIUM | | 2080 | 1170 |
| MANGANESE | | 661 | 67 |
| MERCURY AS TOTAL | | 0.82 B | ND (0.02) |
| NICKEL AS TOTAL | | 54.1 | 14.7 |
| POTASSIUM | | 1870 B | 1740 |
| SELENIUM AS TOTAL | | ND (6.9) | ND (0.87) |
| SILVER AS TOTAL | | ND (3.4) | ND (0.43) |
| SODIUM | | 1460 | 353 B |
| VANADIUM | | 27.6 | 17.6 |
| ZINC AS TOTAL | | 637 | 313 B |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 3.7 | ND (2) |

| PL10-08 | | 03/05/2004 0.5 - 1 feet | 03/05/2004 1.5 - 3 feet |
|---|---|---|---|
| TPH | | | |
| PETROLEUM HYDROCARBONS | | 971 | 5240 |
| METALS | | | |
| ALUMINUM | | 5760 | 8440 |
| ANTIMONY AS TOTAL | | ND (1.3) | ND (1.3) |
| ARSENIC AS TOTAL | | 4.7 | ND (0.72) |
| BARIUM AS TOTAL | | 145 | 160 |
| BERYLLIUM AS TOTAL | | 0.64 | 0.5 |
| CADMIUM AS TOTAL | | 0.34 B | 0.11 B |
| CALCIUM | | 1040 B | 1040 B |
| CHROMIUM | | 14.5 | 15.1 |
| COBALT | | 6.9 B | 8.5 B |
| COPPER AS TOTAL | | 26.9 | 32.4 |
| IRON | | 16200 | 7990 |
| LEAD AS TOTAL | | 11.9 | 9.8 |
| MAGNESIUM | | 1500 | 1310 B |
| MANGANESE | | 493 | 526 |
| MERCURY AS TOTAL | | 0.02 B | ND (0.019) |
| NICKEL AS TOTAL | | 13.5 | 42.7 B |
| POTASSIUM | | 1130 B | 1080 B |
| SELENIUM AS TOTAL | | ND (0.87) | ND (0.94) |
| SILVER AS TOTAL | | ND (0.43) | ND (0.35) |
| SODIUM | | 391 B | 244 B |
| VANADIUM | | 18.5 | 17.8 |
| ZINC AS TOTAL | | 60.4 | 51.6 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) | ND (2) |

| PL10-18 | | 03/17/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 503 |
| METALS | | |
| ALUMINUM | | 8430 |
| ANTIMONY AS TOTAL | | ND (1.1) |
| ARSENIC AS TOTAL | | ND (0.76) |
| BARIUM AS TOTAL | | 69.9 |
| BERYLLIUM AS TOTAL | | 0.99 |
| CADMIUM AS TOTAL | | ND (0.095) |
| CALCIUM | | 1040 |
| CHROMIUM | | 15.7 |
| COBALT | | 7.58 |
| COPPER AS TOTAL | | 24.4 |
| IRON | | 14300 |
| LEAD AS TOTAL | | 41.8 |
| MAGNESIUM | | 1430 |
| MANGANESE | | 140 |
| MERCURY AS TOTAL | | ND (0.02) |
| NICKEL AS TOTAL | | 17.1 |
| POTASSIUM | | 348 B |
| SELENIUM AS TOTAL | | ND (1) |
| SILVER AS TOTAL | | ND (0.46) |
| SODIUM | | 538 B |
| VANADIUM | | 13.8 |
| ZINC AS TOTAL | | 98.2 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-13 | | 03/05/2004 0.5 - 3.5 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 666 |
| METALS | | |
| ALUMINUM | | 1890 |
| ANTIMONY AS TOTAL | | 1.3 |
| ARSENIC AS TOTAL | | 1.3 |
| BARIUM AS TOTAL | | 29.7 B |
| BERYLLIUM AS TOTAL | | 0.12 B |

| PL10-15 | | 03/17/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 1900 |
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.043) | |
| 1,1,2-TRICHLOROETHANE | ND (0.043) | |
| 1,2,4-TRICHLOROBENZENE | ND (0.086) | |
| 1,2-DICHLOROBENZENE | ND (0.086) | |
| 1,4-DICHLOROBENZENE | ND (0.086) | |
| 2-BUTANONE | ND (0.43) | |
| ACETONE | ND (0.43) | |
| BENZENE | ND (0.043) | |
| CARBON DISULFIDE | ND (0.043) | |
| CHLOROBENZENE | ND (0.043) | |
| CHLOROFORM | ND (0.043) | |
| ETHYLBENZENE | ND (0.043) | |
| METHYLENE CHLORIDE | ND (0.086) | |
| STYRENE | ND (0.043) | |
| TETRACHLOROETHENE | ND (0.043) | |
| TOLUENE | 0.097 J | |
| TRICHLOROETHENE | ND (0.043) | |
| METALS | | |
| ALUMINUM | 726 | |
| ANTIMONY AS TOTAL | 5.7 | |
| ARSENIC AS TOTAL | 36.8 | |
| BARIUM AS TOTAL | 5.7 | |
| BERYLLIUM AS TOTAL | ND (0.174) | |
| CADMIUM AS TOTAL | 0.33 B | |
| CALCIUM | 2940 | |
| CHROMIUM | 3.46 | |
| COBALT | 9.2 B | |
| COPPER AS TOTAL | 1810 | |
| IRON | 2490 | |
| LEAD AS TOTAL | 249 | |
| MAGNESIUM | 832 B | |
| MANGANESE | 40 | |
| MERCURY AS TOTAL | 0.25 | |
| NICKEL AS TOTAL | 4.6 | |
| POTASSIUM | 152 B | |
| SELENIUM AS TOTAL | ND (1) | |
| SILVER AS TOTAL | ND (0.34) | |
| SODIUM | 189 B | |
| VANADIUM | 13.9 | |
| ZINC AS TOTAL | 1240 | |
| CR+ 1hrs CHROMIUM, HEXAVALENT | ND (2) | |

| PL10-16 | | 03/17/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 968 |
| METALS | | |
| ALUMINUM | | 2990 |
| ANTIMONY AS TOTAL | | 1.8 B |
| ARSENIC AS TOTAL | | ND (0.72) |
| BARIUM AS TOTAL | | 47.2 |
| BERYLLIUM AS TOTAL | | 0.34 B |
| CADMIUM AS TOTAL | | ND (0.086) |
| CALCIUM | | 1060 |
| CHROMIUM | | 13.4 |
| COBALT | | 22.2 |
| COPPER AS TOTAL | | 10.9 |
| IRON | | 6660 |
| LEAD AS TOTAL | | 13.4 |
| MAGNESIUM | | 613 B |
| MANGANESE | | 179 |
| MERCURY AS TOTAL | | ND (0.02) |
| NICKEL AS TOTAL | | 7.4 B |
| POTASSIUM | | 204 B |
| SELENIUM AS TOTAL | | ND (0.93) |
| SILVER AS TOTAL | | ND (0.31) |
| SODIUM | | 516 B |
| VANADIUM | | 61.8 |
| ZINC AS TOTAL | | 55 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-02 | | 03/11/2004 0.5 - 3.5 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 711 |
| METALS | | |
| ALUMINUM | | 14000 |
| ANTIMONY AS TOTAL | | ND (0.93) |
| ARSENIC AS TOTAL | | 7.5 |
| BARIUM AS TOTAL | | 113 |
| BERYLLIUM AS TOTAL | | 0.66 |
| CADMIUM AS TOTAL | | ND (0.093) |
| CALCIUM | | 2180 |
| CHROMIUM | | 23.5 |
| COBALT | | 10.3 |
| COPPER AS TOTAL | | 30.6 |
| IRON | | 20200 |
| LEAD AS TOTAL | | 28.4 |
| MAGNESIUM | | 3210 B |
| MANGANESE | | 330 |
| MERCURY AS TOTAL | | 0.06 |
| NICKEL AS TOTAL | | 18.8 |
| POTASSIUM | | 2740 B |
| SELENIUM AS TOTAL | | ND (0.93) |
| SILVER AS TOTAL | | ND (0.37) |
| SODIUM | | 1060 |
| VANADIUM | | 29.4 |
| ZINC AS TOTAL | | 88.6 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 2.5 |

| PL10-14 | | 03/05/2004 0.75 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 11000 |
| METALS | | |
| ALUMINUM | | 4250 |
| ANTIMONY AS TOTAL | | ND (1.5) |
| ARSENIC AS TOTAL | | 3.9 |
| BARIUM AS TOTAL | | 149 |
| BERYLLIUM AS TOTAL | | 0.36 B |
| CADMIUM AS TOTAL | | 0.37 B |
| CALCIUM | | 1560 |
| CHROMIUM | | 11.6 |
| COBALT | | 398 |
| COPPER AS TOTAL | | 116 |
| IRON | | 9930 |
| LEAD AS TOTAL | | 197 |
| MAGNESIUM | | 1110 |
| MANGANESE | | 107 |
| MERCURY AS TOTAL | | 0.03 |
| NICKEL AS TOTAL | | 6.74 B |
| POTASSIUM | | ND (1.3) |
| SELENIUM AS TOTAL | | ND (0.37) |
| SILVER AS TOTAL | | 0.1 |
| SODIUM | | 1.4 |
| VANADIUM | | 13.4 |
| ZINC AS TOTAL | | 27.6 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 8.2 |

| PL10-12 | | 03/17/2004 3 - 3.33 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 36.9 |
| METALS | | |
| ALUMINUM | | 6640 |
| ANTIMONY AS TOTAL | | ND (1.4) |
| ARSENIC AS TOTAL | | 0 |
| BARIUM AS TOTAL | | 126 |
| BERYLLIUM AS TOTAL | | 1.3 |
| CADMIUM AS TOTAL | | ND (0.094) |
| CALCIUM | | 0 |
| CHROMIUM | | 21.6 |
| COBALT | | 11.8 |
| COPPER AS TOTAL | | 15.6 |
| IRON | | 15400 |
| LEAD AS TOTAL | | 8.1 |
| MAGNESIUM | | 2580 |
| MANGANESE | | 596 |
| MERCURY AS TOTAL | | 0.11 |
| NICKEL AS TOTAL | | 16.9 |
| POTASSIUM | | 1210 |
| SELENIUM AS TOTAL | | ND (0.98) |
| SILVER AS TOTAL | | ND (0.33) |
| SODIUM | | 229.9 |
| VANADIUM | | 25.1 |
| ZINC AS TOTAL | | 43.1 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL10-11 | | 03/05/2004 0.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 40900 |
| METALS | | |
| ALUMINUM | | 7070 |
| ANTIMONY AS TOTAL | | 2.2 B |
| ARSENIC AS TOTAL | | 51 |
| BARIUM AS TOTAL | | 162 |
| BERYLLIUM AS TOTAL | | 0.69 B |
| CADMIUM AS TOTAL | | 2.3 |
| CALCIUM | | 23300 |
| CHROMIUM | | 42.3 |
| COBALT | | 12.6 |
| COPPER AS TOTAL | | 1260 |
| IRON | | 26800 |
| LEAD AS TOTAL | | 341 |
| MAGNESIUM | | 3210 |
| MANGANESE | | 220 |
| MERCURY AS TOTAL | | 12 |
| NICKEL AS TOTAL | | 179 |
| POTASSIUM | | 309 B |
| SELENIUM AS TOTAL | | ND (1.8) |
| SILVER AS TOTAL | | 0.24 B |
| SODIUM | | 235 B |
| VANADIUM | | 124 |
| ZINC AS TOTAL | | 8710 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 5.9 |

| PL10-10 | | 03/05/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 5020 |
| METALS | | |
| ALUMINUM | | 9220 |
| ANTIMONY AS TOTAL | | ND (1.3) |
| ARSENIC AS TOTAL | | 123 |
| BARIUM AS TOTAL | | 1.8 |
| BERYLLIUM AS TOTAL | | 0.46 B |
| CADMIUM AS TOTAL | | 1420 |
| CALCIUM | | 1.8 |
| CHROMIUM | | 0.8 |
| COBALT | | 110 |
| COPPER AS TOTAL | | 117 |
| IRON | | 27600 |
| LEAD AS TOTAL | | 83 |
| MAGNESIUM | | 5210 |
| MANGANESE | | 256 |
| MERCURY AS TOTAL | | ND (0.03) |
| NICKEL AS TOTAL | | 19.3 |
| POTASSIUM | | 364 B |
| SELENIUM AS TOTAL | | ND (1.8) |
| SILVER AS TOTAL | | 0.24 B |
| SODIUM | | 269 B |
| VANADIUM | | 42.7 |
| ZINC AS TOTAL | | 251 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL09-09 | | 03/05/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 78.6 |
| METALS | | |
| ALUMINUM | | 3350 |
| ANTIMONY AS TOTAL | | ND (0.41) |
| ARSENIC AS TOTAL | | 1.2 |
| BARIUM AS TOTAL | | 89.8 |
| BERYLLIUM AS TOTAL | | 0.41 B |
| CADMIUM AS TOTAL | | 0.18 B |
| CALCIUM | | 1070 |
| CHROMIUM | | 8.6 |
| COBALT | | 3.2 B |
| COPPER AS TOTAL | | 8.6 |
| IRON | | 10200 |
| LEAD AS TOTAL | | 11.9 |
| MAGNESIUM | | 885 B |
| MANGANESE | | 70 |
| MERCURY AS TOTAL | | ND (0.018) |
| NICKEL AS TOTAL | | 10.2 |
| POTASSIUM | | 1270 B |
| SELENIUM AS TOTAL | | ND (1.9) |
| SILVER AS TOTAL | | 0.24 B |
| SODIUM | | 20.4 |
| VANADIUM | | 10.7 |
| ZINC AS TOTAL | | 57.1 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |

| PL09-10 | | 03/05/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 113 |
| METALS | | |
| ALUMINUM | | 9100 |
| ANTIMONY AS TOTAL | | ND (0.94) |
| ARSENIC AS TOTAL | | 3.1 B |
| BARIUM AS TOTAL | | 37.9 |
| BERYLLIUM AS TOTAL | | ND (0.094) |
| CADMIUM AS TOTAL | | ND (0.094) |
| CALCIUM | | 1270 |
| CHROMIUM | | 4.5 |
| COBALT | | 2.1 B |
| COPPER AS TOTAL | | 2470 |
| IRON | | 3130 |
| LEAD AS TOTAL | | 12.7 |
| MAGNESIUM | | 1130 |
| MANGANESE | | 114 |
| MERCURY AS TOTAL | | 1700 |
| NICKEL AS TOTAL | | 1340 |
| POTASSIUM | | 1420 |
| SELENIUM AS TOTAL | | ND (1.9) |
| SILVER AS TOTAL | | ND (0.47) |
| SODIUM | | 1420 |
| VANADIUM | | ND (11.3) |
| ZINC AS TOTAL | | 273 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 3.6 |

| PL09-11 | | 03/11/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 28.8 |
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.049) | |
| 1,1,2-TRICHLOROETHANE | ND (0.049) | |
| 1,2,4-TRICHLOROBENZENE | ND (0.039) | |
| 1,2-DICHLOROBENZENE | ND (0.039) | |
| 1,4-DICHLOROBENZENE | ND (0.039) | |
| 2-BUTANONE | ND (0.077) | |
| ACETONE | ND (0.39) | |
| BENZENE | ND (0.039) | |
| CARBON DISULFIDE | ND (0.039) | |
| CHLOROBENZENE | ND (0.039) | |
| CHLOROFORM | ND (0.039) | |
| ETHYLBENZENE | ND (0.039) | |
| METHYLENE CHLORIDE | ND (0.078) | |
| STYRENE | ND (0.039) | |
| TETRACHLOROETHENE | ND (0.039) | |
| TOLUENE | 0.0019 J | |
| TRICHLOROETHENE | ND (0.039) | |
| METALS | | |
| ALUMINUM | 7150 | |
| ANTIMONY AS TOTAL | 3 | |
| ARSENIC AS TOTAL | 391 | |
| BARIUM AS TOTAL | ND (0.097) | |
| BERYLLIUM AS TOTAL | 25.2 | |
| CADMIUM AS TOTAL | 29900 | |
| CALCIUM | 17.9 | |
| CHROMIUM | 1980 | |
| COBALT | 25.2 | |
| COPPER AS TOTAL | 29900 | |
| IRON | 17.9 | |
| LEAD AS TOTAL | 1980 | |
| MAGNESIUM | 25.2 | |
| MANGANESE | 29900 | |
| MERCURY AS TOTAL | 17.9 | |
| NICKEL AS TOTAL | 1980 | |
| POTASSIUM | 25.2 | |
| SELENIUM AS TOTAL | 29900 | |
| SILVER AS TOTAL | 17.9 | |
| SODIUM | 1980 | |
| VANADIUM | 25.2 | |
| ZINC AS TOTAL | 29900 | |
| CR+ 1hrs CHROMIUM, HEXAVALENT | ND (0.097) | |

| PL08-1 | | 03/11/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 5680 |
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | - | ND (0.043) |
| 1,1,2-TRICHLOROETHANE | - | ND (0.043) |
| 1,2,4-TRICHLOROBENZENE | - | ND (0.086) |
| 1,2-DICHLOROBENZENE | - | ND (0.086) |
| 1,4-DICHLOROBENZENE | - | ND (0.086) |
| 2-BUTANONE | - | ND (0.43) |
| ACETONE | - | ND (0.43) |
| BENZENE | - | ND (0.043) |
| CARBON DISULFIDE | - | ND (0.043) |
| CHLOROBENZENE | - | ND (0.043) |
| CHLOROFORM | - | ND (0.043) |
| ETHYLBENZENE | - | ND (0.043) |
| METHYLENE CHLORIDE | - | ND (0.086) |
| STYRENE | - | ND (0.043) |
| TETRACHLOROETHENE | - | ND (0.043) |
| TOLUENE | - | 0.0046 J |
| TRICHLOROETHENE | - | ND (0.043) |
| XYLENE (TOTAL) | - | ND (0.043) |
| METALS | | |
| ALUMINUM | 9100 | |
| ANTIMONY AS TOTAL | ND (0.93) | |
| ARSENIC AS TOTAL | 11.3 | |
| BARIUM AS TOTAL | 370 | |
| BERYLLIUM AS TOTAL | 1.4 | |
| CADMIUM AS TOTAL | 2470 | |
| CALCIUM | 30 | |
| CHROMIUM | 12.7 | |
| COBALT | 4.5 | |
| COPPER AS TOTAL | 1660 | |
| IRON | 34200 | |
| LEAD AS TOTAL | 114 | |
| MAGNESIUM | 1720 | |
| MANGANESE | 1340 | |
| MERCURY AS TOTAL | 0.65 | |
| NICKEL AS TOTAL | 1420 | |
| POTASSIUM | ND (1.97) | |
| SELENIUM AS TOTAL | ND (1.7) | |
| SILVER AS TOTAL | ND (0.43) | |
| SODIUM | 20.6 | |
| VANADIUM | 27.3 | |
| ZINC AS TOTAL | 1710 | |

| 4-4 | | 03/12/2004 2.5 - 3 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 113 |
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.056) | |
| 1,1,2-TRICHLOROETHANE | ND (0.037) | |
| 1,2,4-TRICHLOROBENZENE | ND (0.037) | |
| 1,2-DICHLOROBENZENE | ND (0.037) | |
| 1,4-DICHLOROBENZENE | ND (0.037) | |
| 2-BUTANONE | ND (0.28) | |
| ACETONE | ND (0.28) | |
| BENZENE | ND (0.037) | |
| CARBON DISULFIDE | ND (0.037) | |
| CHLOROBENZENE | ND (0.037) | |
| CHLOROFORM | ND (0.037) | |
| ETHYLBENZENE | ND (0.037) | |
| METHYLENE CHLORIDE | ND (0.056) | |
| STYRENE | ND (0.037) | |
| TETRACHLOROETHENE | ND (0.037) | |
| TOLUENE | ND (0.037) | |
| TRICHLOROETHENE | ND (0.037) | |
| XYLENE (TOTAL) | ND (0.037) | |
| METALS | | |
| ALUMINUM | 6050 | |
| ANTIMONY AS TOTAL | ND (0.95) | |
| ARSENIC AS TOTAL | 2.1 B | |
| BARIUM AS TOTAL | 31.3 B | |
| BERYLLIUM AS TOTAL | 0.66 | |
| CADMIUM AS TOTAL | ND (0.095) | |
| CALCIUM | 776.9 | |
| CHROMIUM | 18.5 | |
| COBALT | 4.7 B | |
| COPPER AS TOTAL | 8.7 | |
| IRON | 9610 | |
| LEAD AS TOTAL | 9.2 | |
| MAGNESIUM | 903 B | |
| MANGANESE | 340 | |
| MERCURY AS TOTAL | ND (0.02) | |
| NICKEL AS TOTAL | 10.3 | |
| POTASSIUM | 451 B | |
| SELENIUM AS TOTAL | ND (1.9) | |
| SILVER AS TOTAL | ND (0.47) | |
| SODIUM | 353 | |
| VANADIUM | 12.6 | |
| ZINC AS TOTAL | 37.2 | |
| CR+ 1hrs CHROMIUM, HEXAVALENT | ND (2) | |

| PL11-01 | | 03/18/2004 2 - 3.33 feet | 03/18/2004 3.5 - 4 feet |
|---|---|---|---|
| TPH | | | |
| PETROLEUM HYDROCARBONS | | ND (25) | 176 |
| METALS | | | |
| ALUMINUM | | 5030 | 3450 |
| ANTIMONY AS TOTAL | | ND (0.9) | ND (0.84) |
| ARSENIC AS TOTAL | | 1.3 B | ND (0.72) |
| BARIUM AS TOTAL | | 34 B | 22.9 B |
| BERYLLIUM AS TOTAL | | 0.32 B | 0.23 B |
| CADMIUM AS TOTAL | | 0.17 B | 0.11 B |
| CALCIUM | | 794 B | 1020 |
| CHROMIUM | | 2.9 | 5.4 |
| COBALT | | 1.9 B | 1.2 B |
| COPPER AS TOTAL | | 14.3 | 9.4 |
| IRON | | 3400 | 2360 |
| LEAD AS TOTAL | | 1.6 | 1.6 |
| MAGNESIUM | | 1490 | 1200 B |
| MANGANESE | | 474 | 41.9 |
| MERCURY AS TOTAL | | ND (0.019) | ND (0.018) |
| NICKEL AS TOTAL | | 5.4 B | 4.2 B |
| POTASSIUM | | 784 B | 451 B |
| SELENIUM AS TOTAL | | ND (1.8) | ND (1.7) |
| SILVER AS TOTAL | | 0.4 | 0.18 |
| SODIUM | | 784 B | 469 B |
| VANADIUM | | 2.6 B | 2.2 B |
| ZINC AS TOTAL | | 9.4 | 8.8 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) | 0.2 |
| INORGANIC PARAMETERS CYANIDE (TOTAL) | | ND (0.53) | ND (0.53) |
| PCBs AROCLOR 1260 | | ND (0.037) | ND (0.034) |

| PL11-02 | | 03/18/2004 3 - 3.33 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 29.4 |
| METALS | | |
| ALUMINUM | | 3700 |
| ANTIMONY AS TOTAL | | ND (0.87) |
| ARSENIC AS TOTAL | | 0.83 B |
| BARIUM AS TOTAL | | 9.9 |
| BERYLLIUM AS TOTAL | | 0.25 B |
| CADMIUM AS TOTAL | | ND (0.087) |
| CALCIUM | | 642 B |
| CHROMIUM | | 3.2 |
| COBALT | | 1.8 B |
| COPPER AS TOTAL | | 111 |
| IRON | | 1340 |
| LEAD AS TOTAL | | 1.3 |
| MAGNESIUM | | 741 B |
| MANGANESE | | 125 |
| MERCURY AS TOTAL | | ND (0.018) |
| NICKEL AS TOTAL | | 2.9 B |
| POTASSIUM | | 298 B |
| SELENIUM AS TOTAL | | ND (1.7) |
| SILVER AS TOTAL | | ND (0.43) |
| SODIUM | | 1380 |
| VANADIUM | | 3.4 B |
| ZINC AS TOTAL | | 20.4 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (2) |
| INORGANIC PARAMETERS CYANIDE (TOTAL) | | ND (0.53) |
| PCBs AROCLOR 1260 | | ND (0.034) |

| PL11-03 | | 03/17/2004 3 - 3.5 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 1170 |
| METALS | | |
| ALUMINUM | | 10500 |
| ANTIMONY AS TOTAL | | ND (1.4) |
| ARSENIC AS TOTAL | | ND (0.78) |
| BARIUM AS TOTAL | | 113 |
| BERYLLIUM AS TOTAL | | ND (0.097) |
| CADMIUM AS TOTAL | | 9980 |
| CALCIUM | | 351.7 |
| CHROMIUM | | 8.5 B |
| COBALT | | 6.5 B |
| COPPER AS TOTAL | | 23900 |
| IRON | | 16.6 |
| LEAD AS TOTAL | | 3090 |
| MAGNESIUM | | 1410 |
| MANGANESE | | 145 |
| MERCURY AS TOTAL | | ND (0.02) |
| NICKEL AS TOTAL | | 15.8 |
| POTASSIUM | | 2200 |
| SELENIUM AS TOTAL | | ND (1.9) |
| SILVER AS TOTAL | | ND (0.34) |
| SODIUM | | 553 |
| VANADIUM | | 33.1 |
| ZINC AS TOTAL | | 70.1 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | 2.6 |
| INORGANIC PARAMETERS CYANIDE (TOTAL) | | ND (0.53) |
| PCBs AROCLOR 1260 | | ND (0.034) |

| PL11-04 | | 03/17/2004 3 - 3.5 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 1900 |
| METALS | | |
| ALUMINUM | | 6220 |
| ANTIMONY AS TOTAL | | ND (1.3) |
| ARSENIC AS TOTAL | | 1.3 B |
| BARIUM AS TOTAL | | 29.7 |
| BERYLLIUM AS TOTAL | | 0.29 B |
| CADMIUM AS TOTAL | | ND (0.086) |
| CALCIUM | | 1410 |
| CHROMIUM | | 16.8 |
| COBALT | | 6.9 B |
| COPPER AS TOTAL | | 17 |
| IRON | | 373 B |
| LEAD AS TOTAL | | 17.8 |
| MAGNESIUM | | ND (0.857) |
| MANGANESE | | 189 B |
| MERCURY AS TOTAL | | 0.03 |
| NICKEL AS TOTAL | | ND (0.57) |
| POTASSIUM | | ND (86.5) |
| SELENIUM AS TOTAL | | 14.9 |
| SILVER AS TOTAL | | 0.86 |
| SODIUM | | 166 |
| VANADIUM | | 11.3 |
| ZINC AS TOTAL | | 41.5 |
| INORGANIC PARAMETERS CYANIDE (TOTAL) | | 18.2 |
| CR+ 1hrs CHROMIUM, HEXAVALENT | | ND (0.53) |

| PL11-05 | | 03/17/2004 3 - 3.5 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 10900 |
| METALS | | |
| ALUMINUM | | 15 B |
| ANTIMONY AS TOTAL | | 1.3 |
| ARSENIC AS TOTAL | | ND (0.955) |
| BARIUM AS TOTAL | | 1330 |
| BERYLLIUM AS TOTAL | | 0.9 B |
| CADMIUM AS TOTAL | | 0.8 |
| CALCIUM | | 29900 |
| CHROMIUM | | 13.3 |
| COBALT | | 3640 |
| COPPER AS TOTAL | | 581 |
| IRON | | ND (1.9) |
| LEAD AS TOTAL | | 2150 |
| MAGNESIUM | | ND (0.93) |
| MANGANESE | | ND (0.37) |
| MERCURY AS TOTAL | | 270 B |
| NICKEL AS TOTAL | | 9.5 |
| POTASSIUM | | 695 |
| SELENIUM AS TOTAL | | ND (1.9) |
| SILVER AS TOTAL | | ND (0.47) |
| SODIUM | | 2.3 B |
| VANADIUM | | 19.5 |
| ZINC AS TOTAL | | 49.5 |
| INORGANIC PARAMETERS CYANIDE (TOTAL) | | ND (0.5) |

| L1-2 | | 03/09/2004 3.5 - 3.8 feet |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | | 84.8 |
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.051) | |
| 1,1,2-TRICHLOROETHANE | ND (0.034) | |
| 1,2,4-TRICHLOROBENZENE | ND (0.034) | |
| 1,2-DICHLOROBENZENE | ND (0.034) | |
| 1,4-DICHLOROBENZENE | ND (0.034) | |
| 2-BUTANONE | ND (0.26) | |
| ACETONE | ND (0.26) | |
| BENZENE | ND (0.034) | |
| CARBON DISULFIDE | ND (0.034) | |
| CHLOROBENZENE | ND (0.034) | |
| CHLOROFORM | ND (0.034) | |
| ETHYLBENZENE | ND (0.034) | |
| METHYLENE CHLORIDE | ND (0.051) | |
| STYRENE | ND (0.034) | |
| TETRACHLOROETHENE | ND (0.034) | |
| TOLUENE | ND (0.034) | |
| TRICHLOROETHENE | ND (0.034

KEY PLAN

LEGEND

- SAMPLE COLLECTED BY HALEY & ALDRICH, INC. 2004 IN MAP AREA.
- SEWER LATERALS
- 282 SUMP

| PL11-03 | 3/17/2004 | SAMPLE DATE |
|---|---|---|
| METALS | | |
| BARIUM AS TOTAL | 10000 | EXCEEDANCE OF CRITERIA (mg/Kg) |
| LEAD AS TOTAL | 0.0008 J | ESTIMATED VALUE (mg/Kg) |
| ZINC AS TOTAL | -- | NOT TESTED |
| INORGANIC PARAMETERS | | |
| CYANIDE (TOTAL) | ND (2.2) | NOT DETECTED ABOVE REPORTING DETECTION LIMIT (ROL) AS PER DATA VALIDATION |

NOTES:

1.) PLAN ENTITLED "GORE-SORBER" (T.M.) LOCATION PLAN OF LOT 1, SECTION 343, SITUATED IN, EWING TOWNSHIP, MERCER COUNTY, N.J." PREPARED BY HOPEWELL VALLEY ENGINEERING, P.C. DATED JUNE 6 1998.

2.) PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY FOR GENERAL MOTORS CORPORATION, 1445 PARKWAY AVENUE, TRENTON, NJ." PREPARED BY ROBERT W ENT, INC. DATED AUGUST 8, 1993 AND REVISED TO OCTOBER 19, 1993.

3.) PLAN ENTITLED "SANITARY AND ACID SEWERS, MAIN MANUFACTURING BUILDING – ENGINEERING & EXPERIMENTAL BUILDING" DRAWING E-1180-L, PREPARED BY EASTERN AIRCRAFT DIVISION, GENERAL MOTORS CORPORATION, DATED JULY 29, 1943.

4.) ALL RESULTS IN mg/Kg.

0 30 60 90 120

SCALE IN FEET

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

ISRA CASE No. 97070
GENERAL MOTORS CORPORATION
TRENTON, NEW JERSEY

# SOIL ANALYTICAL DATA AREA 1 SOUTH

SCALE: AS SHOWN

FEBRUARY 2005

FIGURE 4

FILE: 70613-115 E04 (2004)

| 305-1 | 03/15/2004 0' - 0.5 bgs | 03/15/2004 3.5' - 4 bgs |
|---|---|---|
| VOCs | | |
| CIS-1,2-DICHLOROETHENE | ND (0.033) | - |
| ISOPROPYLBENZENE | ND (0.0036) | - |
| METHYL TERT BUTYL ETHER (MTBE) | 0.19 J | - |
| METHYLBENZENE | ND (0.004) | - |
| TRICHLOROETHYLENE | ND (0.003) | - |
| XYLENE (TOTAL) | ND (0.035) | - |
| SVOCs | | |
| 2-METHYLNAPHTHALENE | 0.01 J | ND (0.039) |
| 4-METHYLPHENOL | 0.83 J | ND (0.041) |
| ACENAPHTHENE | ND (0.0033) | ND (0.00341) |
| ACENAPHTHYLENE | ND (0.003) | ND (0.00341) |
| ACETOPHENONE | ND (0.038) | ND (0.039) |
| ANTHRACENE | ND (0.0033) | ND (0.00331) |
| BENZALDEHYDE | 0.044 J | ND (0.0341) |
| BENZO(A)ANTHRACENE | 0.02 J | ND (0.00331) |
| BENZO(A)PYRENE | 0.02 J | ND (0.00331) |
| BENZO(B)FLUORANTHENE | 0.03 J | ND (0.00331) |
| BENZO(G,H,I)PERYLENE | 0.016 J | ND (0.00341) |
| BENZO(K)FLUORANTHENE | 0.003 J | ND (0.00342) |
| BIPHENYL | ND (0.033) | ND (0.0341) |
| BIS(2-ETHYLHEXYL)PHTHALATE | 0.14 J | 0.16 J |
| CARBAZOLE | ND (0.0033) | ND (0.00341) |
| CHRYSENE | 0.033 J | ND (0.00331) |
| DIBENZ(A,H)ANTHRACENE | ND (0.00265) | ND (0.00264) |
| DIBENZOFURAN | ND (0.02) | ND (0.0201) |
| FLUORANTHENE | 0.04 J | ND (0.00331) |
| FLUORENE | ND (0.00377) | ND (0.00355) |
| INDENO(1,2,3-CD)PYRENE | 0.027 J | ND (0.00265) |
| N-NITROSODIPHENYLAMINE | ND (0.0033) | ND (0.00341) |
| N-NITROSODIPHENYLAMINE | ND (0.033) | ND (0.0341) |
| PHENANTHRENE | 0.029 J | ND (0.00377) |
| PYRENE | 0.036 J | ND (0.00265) |
| METALS | | |
| ALUMINUM | 8190 | 11600 |
| ARSENIC AS TOTAL | 3.9 | 3.3 |
| BARIUM AS TOTAL | 83.1 | 368 B |
| CADMIUM AS TOTAL | ND (0.0993) | ND (0.0977) |
| CALCIUM | 1490 | 729 B |
| CHROMIUM | 9.5 | 13.9 |
| IRON | 11400 | 15200 |
| LEAD AS TOTAL | 13.4 | 7.9 |
| MANGANESE | 131 | 229 |
| MERCURY AS TOTAL | 0.02 B | ND (0.02) |
| NICKEL AS TOTAL | 6.5 B | 7 B |
| SODIUM | 208 B | 369 B |
| ZINC AS TOTAL | 20.8 | 17 |

| 305-2 | 03/15/2004 0' - 0.5 bgs | 03/15/2004 7.5 bgs |
|---|---|---|
| VOCs | | |
| CIS-1,2-DICHLOROETHENE | ND (0.033) | ND (0.0341) |
| ISOPROPYLBENZENE | ND (0.0036) | ND (0.044) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.044) | ND (0.0443) |
| METHYLBENZENE | ND (0.004) | ND (0.0426) |
| TRICHLOROETHYLENE | ND (0.0207) | ND (0.0277) |
| XYLENE (TOTAL) | ND (0.035) | ND (0.0355) |
| SVOCs | | |
| 2-METHYLNAPHTHALENE | 0.058 J | ND (0.039) |
| 4-METHYLPHENOL | 0.28 J | ND (0.041) |
| ACENAPHTHENE | ND (0.00341) | ND (0.00341) |
| ACENAPHTHYLENE | ND (0.00341) | ND (0.00341) |
| ACETOPHENONE | ND (0.039) | ND (0.0397) |
| ANTHRACENE | 0.0034 J | ND (0.00331) |
| BENZALDEHYDE | 0.067 J | ND (0.0341) |
| BENZO(A)ANTHRACENE | 0.0875 J | 0.022 J |
| BENZO(A)PYRENE | 0.08 J | 0.013 J |
| BENZO(B)FLUORANTHENE | 0.074 J | 0.011 J |
| BENZO(G,H,I)PERYLENE | 0.0625 J | 0.0127 J |
| BENZO(K)FLUORANTHENE | 0.028 J | 0.017 J |
| BIPHENYL | ND (0.034) | ND (0.034) |
| BIS(2-ETHYLHEXYL)PHTHALATE | 0.13 J | 0.24 J |
| CARBAZOLE | ND (0.00329) | ND (0.00275) |
| CHRYSENE | 0.0975 J | 0.021 J |
| DIBENZ(A,H)ANTHRACENE | ND (0.00265) | ND (0.00265) |
| DIBENZOFURAN | 0.02 J | ND (0.0201) |
| FLUORANTHENE | 0.055 J | 0.026 J |
| FLUORENE | ND (0.00329) | ND (0.00329) |
| INDENO(1,2,3-CD)PYRENE | 0.024 J | 0.008 J |
| NAPHTHALENE | 0.033 J | ND (0.00355) |
| N-NITROSODIPHENYLAMINE | ND (0.0033) | ND (0.0341) |
| PHENANTHRENE | 0.043 J | 0.014 J |
| PYRENE | 0.043 J | 0.021 J |
| METALS | | |
| ALUMINUM | 9430 | 6720 |
| ARSENIC AS TOTAL | 3.4 | 2.4 |
| BARIUM AS TOTAL | 90.7 | 214 B |
| CADMIUM AS TOTAL | ND (0.0993) | ND (0.0961) |
| CALCIUM | 1810 B | 982 B |
| CHROMIUM | 9.4 | 4.5 |
| IRON | 11400 | 6300 |
| LEAD AS TOTAL | 14.9 | 3.5 |
| MANGANESE | 153 | 93 |
| MERCURY AS TOTAL | 0.02 B | ND (0.02) |
| NICKEL AS TOTAL | 7.6 B | 2.7 B |
| SODIUM | 380 B | 667 B |
| ZINC AS TOTAL | 36.1 | 8.8 |

| 305-3 | 03/15/2004 1 - 1.5 bgs |
|---|---|
| VOCs | |
| CIS-1,2-DICHLOROETHENE | ND (0.033) |
| ISOPROPYLBENZENE | ND (0.04) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.044) |
| METHYLBENZENE | ND (0.004) |
| TRICHLOROETHYLENE | ND (0.0277) |
| XYLENE (TOTAL) | ND (0.035) |
| SVOCs | |
| 2-METHYLNAPHTHALENE | 0.032 J |
| 4-METHYLPHENOL | 0.21 J |
| ACENAPHTHENE | ND (0.00341) |
| ACENAPHTHYLENE | ND (0.00341) |
| ACETOPHENONE | ND (0.039) |
| ANTHRACENE | 0.007 J |
| BENZALDEHYDE | 0.041 J |
| BENZO(A)ANTHRACENE | 0.056 |
| BENZO(A)PYRENE | 0.041 J |
| BENZO(B)FLUORANTHENE | 0.039 J |
| BENZO(G,H,I)PERYLENE | 0.04 J |
| BENZO(K)FLUORANTHENE | 0.08 |
| BIPHENYL | ND (0.034) |
| BIS(2-ETHYLHEXYL)PHTHALATE | 0.13 J |
| CARBAZOLE | 0.023 J |
| CHRYSENE | 0.07 J |
| DIBENZ(A,H)ANTHRACENE | 0.014 J |
| DIBENZOFURAN | ND (0.020) |
| FLUORANTHENE | 0.12 |
| FLUORENE | 0.014 J |
| INDENO(1,2,3-CD)PYRENE | 0.04 J |
| NAPHTHALENE | 0.022 J |
| N-NITROSODIPHENYLAMINE | ND (0.034) |
| PHENANTHRENE | 0.08 J |
| PYRENE | 0.1 J |
| METALS | |
| ALUMINUM | 9980 |
| ARSENIC AS TOTAL | 6 |
| BARIUM AS TOTAL | 175 |
| CADMIUM AS TOTAL | ND (0.096) |
| CALCIUM | 1140 |
| CHROMIUM | 14.6 |
| IRON | 11400 |
| LEAD AS TOTAL | 17.8 |
| MANGANESE | 1870 |
| MERCURY AS TOTAL | 0.05 |
| NICKEL AS TOTAL | 9.2 B |
| SODIUM | 1020 B |
| ZINC AS TOTAL | 39.6 |

| 305-4 | 03/15/2004 1 - 1.5 bgs |
|---|---|
| VOCs | |
| CIS-1,2-DICHLOROETHENE | ND (0.035) |
| ISOPROPYLBENZENE | 0.13 J |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.0341) |
| METHYLBENZENE | ND (0.0425) |
| TRICHLOROETHYLENE | ND (0.0355) |
| XYLENE (TOTAL) | 0.34 J |
| SVOCs | |
| 2-METHYLNAPHTHALENE | 0.03 J |
| 4-METHYLPHENOL | ND (0.0319) |
| ACENAPHTHENE | ND (0.00333) |
| ACENAPHTHYLENE | ND (0.00333) |
| ACETOPHENONE | ND (0.0319) |
| ANTHRACENE | ND (0.0033) |
| BENZALDEHYDE | 0.16 |
| BENZO(A)ANTHRACENE | 0.16 |
| BENZO(A)PYRENE | 0.19 |
| BENZO(B)FLUORANTHENE | 0.21 |
| BENZO(G,H,I)PERYLENE | 0.23 J |
| BENZO(K)FLUORANTHENE | 0.08 J |
| BIPHENYL | ND (0.033) |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (0.0341) |
| CARBAZOLE | ND (0.00319) |
| CHRYSENE | 0.23 J |
| DIBENZ(A,H)ANTHRACENE | ND (0.00265) |
| DIBENZOFURAN | ND (0.020) |
| FLUORANTHENE | 0.37 J |
| FLUORENE | ND (0.00377) |
| INDENO(1,2,3-CD)PYRENE | 0.13 |
| NAPHTHALENE | ND (0.00355) |
| N-NITROSODIPHENYLAMINE | ND (0.033) |
| PHENANTHRENE | 0.25 J |
| PYRENE | 0.34 J |
| METALS | |
| ALUMINUM | 8360 |
| ARSENIC AS TOTAL | 10 |
| BARIUM AS TOTAL | 96.3 |
| CADMIUM AS TOTAL | ND (0.094) |
| CALCIUM | 7200 |
| CHROMIUM | 15.2 |
| IRON | 16100 |
| LEAD AS TOTAL | 67.2 |
| MANGANESE | 463 |
| MERCURY AS TOTAL | ND (0.019) |
| NICKEL AS TOTAL | 11 |
| SODIUM | 253 B |
| ZINC AS TOTAL | 322 |

| 304-1 | 03/15/2004 - 1.5 bgs |
|---|---|
| VOCs | |
| CIS-1,2-DICHLOROETHENE | ND (0.033) |
| ISOPROPYLBENZENE | ND (0.039) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.0443) |
| METHYLBENZENE | ND (0.0425) |
| TRICHLOROETHYLENE | ND (0.0355) |
| XYLENE (TOTAL) | ND (0.035) |
| SVOCs | |
| 2-METHYLNAPHTHALENE | 0.693 J |
| 4-METHYLPHENOL | ND (0.0431) |
| ACENAPHTHENE | 0.022 J |
| ACENAPHTHYLENE | 0.041 J |
| ACETOPHENONE | ND (0.039) |
| ANTHRACENE | 0.051 J |
| BENZALDEHYDE | 0.025 J |
| BENZO(A)ANTHRACENE | 0.069 |
| BENZO(A)PYRENE | 0.056 |
| BENZO(B)FLUORANTHENE | 0.077 J |
| BENZO(G,H,I)PERYLENE | 0.0377 J |
| BENZO(K)FLUORANTHENE | ND (0.00344) |
| BIPHENYL | ND (0.0341) |
| BIS(2-ETHYLHEXYL)PHTHALATE | 0.36 J |
| CARBAZOLE | 0.036 J |
| CHRYSENE | 0.03 J |
| DIBENZ(A,H)ANTHRACENE | 0.0141 J |
| DIBENZOFURAN | 0.044 J |
| FLUORANTHENE | 0.13 J |
| FLUORENE | 0.044 J |
| INDENO(1,2,3-CD)PYRENE | 0.042 J |
| NAPHTHALENE | 0.04 J |
| N-NITROSODIPHENYLAMINE | ND (0.033) |
| PHENANTHRENE | 0.21 J |
| PYRENE | 0.23 J |
| METALS | |
| ALUMINUM | 7420 |
| ARSENIC AS TOTAL | 3.4 |
| BARIUM AS TOTAL | 174 |
| CADMIUM AS TOTAL | ND (0.1) |
| CALCIUM | 6480 |
| CHROMIUM | 151 |
| IRON | 19300 |
| LEAD AS TOTAL | 42.6 |
| MANGANESE | 420 |
| MERCURY AS TOTAL | ND (0.023) |
| NICKEL AS TOTAL | 20.9 |
| SODIUM | 469 B |
| ZINC AS TOTAL | 108 |

| 304-2 | 03/15/2004 1.5 - 2 bgs |
|---|---|
| VOCs | |
| CIS-1,2-DICHLOROETHENE | ND (0.033) |
| ISOPROPYLBENZENE | ND (0.038) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.042) |
| METHYLBENZENE | ND (0.0383) |
| TRICHLOROETHYLENE | ND (0.0319) |
| XYLENE (TOTAL) | ND (0.034) |
| SVOCs | |
| 2-METHYLNAPHTHALENE | ND (0.038) |
| 4-METHYLPHENOL | ND (0.0383) |
| ACENAPHTHENE | ND (0.00319) |
| ACENAPHTHYLENE | ND (0.00319) |
| ACETOPHENONE | ND (0.038) |
| ANTHRACENE | 0.02 J |
| BENZALDEHYDE | 0.038 J |
| BENZO(A)ANTHRACENE | 0.044 J |
| BENZO(A)PYRENE | 0.03 |
| BENZO(B)FLUORANTHENE | 0.044 J |
| BENZO(G,H,I)PERYLENE | 0.0347 J |
| BENZO(K)FLUORANTHENE | ND (0.00332) |
| BIPHENYL | ND (0.0351) |
| BIS(2-ETHYLHEXYL)PHTHALATE | 0.22 J |
| CARBAZOLE | 0.032 J |
| CHRYSENE | 0.0362 J |
| DIBENZ(A,H)ANTHRACENE | 0.0075 J |
| DIBENZOFURAN | 0.0099 J |
| FLUORANTHENE | 0.03 J |
| FLUORENE | 0.02 J |
| INDENO(1,2,3-CD)PYRENE | 0.014 J |
| NAPHTHALENE | 0.022 J |
| N-NITROSODIPHENYLAMINE | ND (0.038) |
| PHENANTHRENE | 0.08 J |
| PYRENE | 0.1 J |
| METALS | |
| ALUMINUM | 9980 |
| ARSENIC AS TOTAL | 6 |
| BARIUM AS TOTAL | 175 |
| CADMIUM AS TOTAL | ND (0.096) |
| CALCIUM | 1140 |
| CHROMIUM | 14.6 |
| IRON | 11400 |
| LEAD AS TOTAL | 17.8 |
| MANGANESE | 1870 |
| MERCURY AS TOTAL | 0.05 |
| NICKEL AS TOTAL | 9.2 B |
| SODIUM | 1020 B |
| ZINC AS TOTAL | 39.6 |

| MH5-1 | 03/12/2004 9.5 - 10 bgs |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | NS (27) |
| VOCs | |
| CIS-1,2-DICHLOROETHENE | ND (0.029) |
| ISOPROPYLBENZENE | ND (0.0343) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.0371) |
| METHYLBENZENE | ND (0.0322) |
| TRICHLOROETHYLENE | ND (0.022) |
| METALS | |
| ALUMINUM | 8340 |
| ARSENIC AS TOTAL | 3.3 B |
| BARIUM AS TOTAL | 170 |
| BERYLLIUM AS TOTAL | 0.65 |
| CADMIUM AS TOTAL | ND (0.0943) |
| CALCIUM | 1490 |
| CHROMIUM | 17.2 |
| COBALT | 6.8 B |
| COPPER AS TOTAL | 13.8 B |
| IRON | 19900 |
| LEAD AS TOTAL | 6.6 |
| MAGNESIUM | 1149 B |
| MANGANESE | 469 |
| MERCURY AS TOTAL | ND (0.02) |
| NICKEL AS TOTAL | 8.03 B |
| POTASSIUM | 694 B |
| SILVER AS TOTAL | ND (0.27) |
| SODIUM | ND (125.5) |
| VANADIUM | 24.5 |
| ZINC AS TOTAL | 36.5 |
| INORGANIC PARAMETERS | |
| CYANIDE (TOTAL) | ND (0.5) |

| CE-1 | 03/15/2004 9.5 - 9 bgs | 03/15/2004 7.5 - 8 bgs |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | 87.5 | 48.6 |
| VOCs | | |
| CIS-1,2-DICHLOROETHENE | - | ND (0.0331) |
| ISOPROPYLBENZENE | - | ND (0.0361) |
| METHYL TERT BUTYL ETHER (MTBE) | - | ND (0.0421) |
| METHYLBENZENE | - | ND (0.0403) |
| TRICHLOROETHYLENE | - | 0.9 |
| XYLENE (TOTAL) | - | ND (0.0341) |
| METALS | | |
| ALUMINUM | 9936 | 8778 |
| ARSENIC AS TOTAL | 36.8 | 5.8 |
| BARIUM AS TOTAL | 170 | 1380 |
| BERYLLIUM AS TOTAL | 1.1 | 1.1 |
| CADMIUM AS TOTAL | ND (0.094) | 0.5 |
| CALCIUM | 2930 | 8180 |
| CHROMIUM | 83.5 | 58.2 |
| COBALT | 103 B | 35.7 |
| COPPER AS TOTAL | 387 | 193 |
| IRON | 25400 | 19000 |
| LEAD AS TOTAL | 1240 | 1560 |
| MAGNESIUM | 2090 | 2180 |
| MANGANESE | 399 | 4230 |
| MERCURY AS TOTAL | 0.03 B | ND (0.021) |
| NICKEL AS TOTAL | 107 | 136 |
| POTASSIUM | 1980 B | 893 B |
| SILVER AS TOTAL | ND (0.27) | 0.7 |
| SODIUM | 189 B | 144 B |
| VANADIUM | 24 | 23 |
| ZINC AS TOTAL | 248 | 299 |
| INORGANIC PARAMETERS | | |
| CYANIDE (TOTAL) | 2.7 | 1.7 |

| CE-2 | 03/15/2004 9.5 - 9 bgs | 03/15/2004 7.5 - 8 bgs |
|---|---|---|
| TPH | | |
| PETROLEUM HYDROCARBONS | 53.9 | 44.5 |
| VOCs | | |
| CIS-1,2-DICHLOROETHENE | ND (0.029) | ND (0.033) |
| ISOPROPYLBENZENE | ND (0.0286) | ND (0.037) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.0343) | ND (0.042) |
| METHYLBENZENE | ND (0.0257) | ND (0.034) |
| TRICHLOROETHYLENE | 0.078 J | ND (0.033) |
| XYLENE (TOTAL) | ND (0.033) | ND (0.033) |
| METALS | | |
| ALUMINUM | 9660 | 9590 |
| ARSENIC AS TOTAL | 5.3 | 6.3 |
| BARIUM AS TOTAL | 227 | 202 |
| BERYLLIUM AS TOTAL | 0.69 | 0.66 |
| CADMIUM AS TOTAL | 0.54 B | 0.47 B |
| CALCIUM | 17000 | 17200 |
| CHROMIUM | 62.6 | 57.4 |
| COBALT | 7.3 | 7.5 |
| COPPER AS TOTAL | 120 | 95.3 |
| IRON | 17000 | 17200 |
| LEAD AS TOTAL | 61.8 | 76.8 |
| MAGNESIUM | 4160 | 4180 |
| MANGANESE | 462 | 490 |
| MERCURY AS TOTAL | 0.06 | 0.04 B |
| NICKEL AS TOTAL | 55.7 | 42 |
| POTASSIUM | 695 B | 463 B |
| SODIUM | 1400 B | 1300 B |
| VANADIUM | 30.3 | 29.5 |
| ZINC AS TOTAL | 459 | 393 |
| INORGANIC PARAMETERS | | |
| CYANIDE (TOTAL) | 0.89 | 0.69 |

| 306-1 | 03/12/2004 0.25 - 0.75 bgs |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 2760 |
| VOCs | |
| ACENAPHTHENE | 0.066 J |
| ACENAPHTHYLENE | 0.003 J |
| ANTHRACENE | 0.25 J |
| BENZO(A)ANTHRACENE | 0.45 |
| BENZO(A)PYRENE | 0.5 |
| BENZO(B)FLUORANTHENE | 0.76 |
| BENZO(G,H,I)PERYLENE | 0.1 J |
| BENZO(K)FLUORANTHENE | ND (0.0042) |
| CHRYSENE | 0.96 |
| DIBENZ(A,H)ANTHRACENE | 0.04 J |
| FLUORANTHENE | 0.67 J |
| FLUORENE | 0.03 J |
| INDENO(1,2,3-CD)PYRENE | 0.08 J |
| NAPHTHALENE | 0.013 J |
| PHENANTHRENE | 0.33 J |
| PYRENE | 1 |

| 306-2 | 03/12/2004 0.25 - 0.75 bgs |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 76.6 |
| VOCs | |
| ACENAPHTHENE | ND (0.0035) |
| ACENAPHTHYLENE | ND (0.0035) |
| ANTHRACENE | ND (0.0035) |
| BENZO(A)ANTHRACENE | ND (0.011) |
| BENZO(A)PYRENE | ND (0.0053) |
| BENZO(B)FLUORANTHENE | ND (0.0053) |
| BENZO(G,H,I)PERYLENE | 0.004 J |
| BENZO(K)FLUORANTHENE | ND (0.0043) |
| CHRYSENE | ND (0.0053) |
| DIBENZ(A,H)ANTHRACENE | ND (0.0027) |
| FLUORANTHENE | ND (0.0053) |
| FLUORENE | ND (0.0039) |
| INDENO(1,2,3-CD)PYRENE | ND (0.0027) |
| NAPHTHALENE | ND (0.0036) |
| PHENANTHRENE | 0.002 J |
| PYRENE | ND (0.0027) |

| 306-3 | 03/12/2004 0.25 - 0.75 bgs |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 103 |
| VOCs | |
| ACENAPHTHENE | 0.19 J |
| ACENAPHTHYLENE | 0.056 J |
| ANTHRACENE | 0.27 J |
| BENZO(A)ANTHRACENE | 1.2 |
| BENZO(A)PYRENE | 1.2 |
| BENZO(B)FLUORANTHENE | 1.2 |
| BENZO(G,H,I)PERYLENE | 0.78 |
| BENZO(K)FLUORANTHENE | 1.2 |
| CHRYSENE | 1.6 |
| DIBENZ(A,H)ANTHRACENE | 0.2 |
| FLUORANTHENE | 2 |
| FLUORENE | 0.16 J |
| INDENO(1,2,3-CD)PYRENE | 0.71 |
| NAPHTHALENE | 0.19 J |
| PHENANTHRENE | 1.2 |
| PYRENE | 1.8 |

| SE-3 | 03/31/2004 1 - 1.5 bgs |
|---|---|
| TPH | |
| PETROLEUM HYDROCARBONS | 1490 |
| VOCs | |
| CIS-1,2-DICHLOROETHENE | 0.30 J |
| ISOPROPYLBENZENE | ND (0.03) |
| METHYL TERT BUTYL ETHER (MTBE) | ND (0.036) |
| METHYLBENZENE | ND (0.0372) |
| TRICHLOROETHYLENE | 0.26 J |
| XYLENE (TOTAL) | ND (0.0345) |
| SVOCs | |
| 2-METHYLNAPHTHALENE | 1.7 J |
| 4-METHYLPHENOL | ND (0.7) |
| ACENAPHTHENE | .98 |
| ACENAPHTHYLENE | 2.29 J |
| ACETOPHENONE | ND (0.333) |
| ANTHRACENE | 34 |
| BENZALDEHYDE | ND (0.673) |
| BENZO(A)ANTHRACENE | 44 |
| BENZO(A)PYRENE | 43 |
| BENZO(B)FLUORANTHENE | 36 |
| BENZO(G,H,I)PERYLENE | 25 |
| BENZO(K)FLUORANTHENE | 36 |
| BIPHENYL | 0.84 J |
| BIS(2-ETHYLHEXYL)PHTHALATE | 2 J |
| CARBAZOLE | 22 |
| CHRYSENE | 53 |
| DIBENZ(A,H)ANTHRACENE | 6.3 |
| DIBENZOFURAN | 13 |
| FLUORANTHENE | 109 |
| FLUORENE | 28 |
| INDENO(1,2,3-CD)PYRENE | 23 |
| NAPHTHALENE | 5.4 J |
| N-NITROSODIPHENYLAMINE | 0.86 J |
| PHENANTHRENE | 126 |
| PYRENE | 105 |
| METALS | |
| ALUMINUM | 5720 |
| ARSENIC AS TOTAL | 8.3 |
| BARIUM AS TOTAL | 197 |
| BERYLLIUM AS TOTAL | 0.79 B |
| CADMIUM AS TOTAL | 1.9 B |
| CALCIUM | 1240 |
| CHROMIUM | 104 |
| COBALT | 8.7 B |
| COPPER AS TOTAL | 162 |
| IRON | 13000 |
| LEAD AS TOTAL | 1120 |
| MAGNESIUM | 1720 B |
| MANGANESE | 321 |
| MERCURY AS TOTAL | 0.77 |
| NICKEL AS TOTAL | 120 |
| POTASSIUM | 613 B |
| SILVER AS TOTAL | 0.7 B |
| SODIUM | 1470 B |
| VANADIUM | 26.9 |
| ZINC AS TOTAL | 575 |
| INORGANIC PARAMETERS | |
| CYANIDE (TOTAL) | ND (0.5) |

KEY PLAN

LEGEND

- SAMPLE COLLECTED BY HALEY & ALDRICH, INC. 2004 IN MAP AREA.
- SEWER LATERALS
- 282 SUMP

| PL11-03 | 3/17/2004 | SAMPLE DATE |
|---|---|---|
| METALS | | |
| BARIUM AS TOTAL | 10200 | EXCEEDANCE OF CRITERIA (mg/Kg) |
| LEAD AS TOTAL | 0.0008 J | ESTIMATED VALUE (mg/Kg) |
| ZINC AS TOTAL | -- | NOT TESTED |
| INORGANIC PARAMETERS | | |
| CYANIDE (TOTAL) | ND (2.2) | NOT DETECTED ABOVE REPORTING DETECTION LIMIT (RDL) AS PER DATA VALIDATION |

NOTES:

1.) PLAN ENTITLED "GORE-SORBER" (T.M.) LOCATION PLAN OF LOT 1, SECTION 343, SITUATED IN, EWING TOWNSHIP, MERCER COUNTY, N.J." PREPARED BY HOPEWELL VALLEY ENGINEERING, P.C. DATED JUNE 6 1998.

2.) PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY FOR GENERAL MOTORS CORPORATION, 1445 PARKWAY AVENUE, TRENTON, N.J." PREPARED BY ROBERT W ENT, INC. DATED AUGUST 8, 1993 AND REVISED TO OCTOBER 19, 1993.

3.) ALL RESULTS IN mg/Kg.

0 40 80 120 160

SCALE IN FEET

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

ISRA CASE No. 97070
GENERAL MOTORS CORPORATION
TRENTON, NEW JERSEY

# SOIL ANALYTICAL DATA OFF SLAB

SCALE: AS SHOWN

FEBRUARY 2005

FIGURE 5

FILE: 70613-115 E08 (2004)

| MW-14A | 10/18/2000 | 09/09/2004 |
|---|---|---|
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.4) |
| 1,4-DICHLOROBENZENE | NS (0.1) | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.4) |
| ACETONE | ND (0.7) | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | ND (0.3) |
| CHLOROFORM | ND (0.2) | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | ND (0.3) | ND (0.4) |
| CUMENE | ND (0.3) | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.2) |
| MTBE | ND (0.3) | ND (0.3) |
| TETRACHLORIDETHENE | ND (0.2) | 1.4 |
| TOLUENE | ND (0.2) | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | ND (0.3) |
| TRICHLORETHENE | 42 | 2.3 |
| VINYL CHLORIDE | ND (0.3) | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) |
| METALS | | |
| ANTIMONY | ND (7.8) | ND (3.9) ND (5.8) |
| ARSENIC AS TOTAL | ND (6.6) | ND (3.2) ND (3.2) |
| BARIUM AS TOTAL | - | 198/179 |
| BERYLLIUM AS TOTAL | 6.2 | 0.54/0.58 |
| CADMIUM AS TOTAL | 6.8 | ND (0.45) ND (0.45) |
| CHROMIUM AS TOTAL | 12100 | 12.3/10.9 |
| COBALT AS TOTAL | - | ND (1.7) ND (1.7) |
| COPPER AS TOTAL | 71.6 | 4.8/6.0 |
| LEAD AS TOTAL | 13.1 | ND (2.6) ND (2.6) |
| MANGANESE AS TOTAL | - | 6.6/6.9 |
| MERCURY AS TOTAL | 0.18 | ND (0.13) ND (0.13) |
| NICKEL AS TOTAL | 43.1 | 33.2/33.6 |
| SILVER AS TOTAL | ND (1.4) | ND (1.4) ND (1.4) |
| THALLIUM AS TOTAL | ND (8.8) | ND (4.7) ND (4.7) |
| VANADIUM AS TOTAL | - | ND (2.0) ND (2.0) |
| ZINC AS TOTAL | ND (11.6) | 183/201 |

| MW-18A | 10/18/2000 | 09/09/2004 | 09/14/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 2.3 | - | 2.6 |
| CUMENE | ND (0.2) | - | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLORIDETHENE | 0.5 | - | 0.5 |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLORETHENE | 64 | - | 51 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | NS (3.9) | NS (3.9) ND (3.9) | - |
| ARSENIC AS TOTAL | 5.7 | ND (3.2) ND (3.2) | - |
| BARIUM AS TOTAL | - | 219/218 | - |
| BERYLLIUM AS TOTAL | 0.45 | ND (0.31) ND (0.31) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) ND (0.45) | - |
| CHROMIUM AS TOTAL | 133 | ND (2.8) ND (2.8) | - |
| COBALT AS TOTAL | - | 29.2/28.5 | - |
| COPPER AS TOTAL | 44.2 | 4.8/5.1 | - |
| LEAD AS TOTAL | ND (2.6) | ND (2.6) ND (2.6) | - |
| MANGANESE AS TOTAL | - | 1000/1000 | - |
| MERCURY AS TOTAL | ND (0.13) | ND (0.13) ND (0.13) | - |
| NICKEL AS TOTAL | 64.8 | 21.7/22.7 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.0) ND (1.0) | - |
| ZINC AS TOTAL | 42.7 | 34.2/18.2 | - |

| MW-23 | 10/21/2002 | 09/21/2004 | 09/29/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | 1.2/1.1 | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 0.8/0.7 | - | 0.5 |
| CUMENE | ND (0.2) | - | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | 0.8/0.9 | - | 0.9 |
| TETRACHLORIDETHENE | 0.9/1.0 | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | ND (0.2) | - |
| TRICHLORETHENE | 30/31 | - | 25 |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | 3.4 | ND (3.2) | - |
| BARIUM AS TOTAL | 6.25/5.24 | 5.44 | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | - |
| COBALT AS TOTAL | - | 2.5/2.6 | 5.6 |
| LEAD AS TOTAL | ND (2.6) | ND (2.6) | ND (2.6) |
| MANGANESE AS TOTAL | - | 49.8 | 59.8 |
| MERCURY AS TOTAL | ND (0.13) | ND (0.13) | ND (0.13) |
| NICKEL AS TOTAL | 9.2/9.8 | 5.4 | 6.4 |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | ND (0.80) |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | ND (4.4) |
| VANADIUM AS TOTAL | 8.9/7.8 | 21.8 | - |

| MW-25 | 10/21/2002 | 09/01/2004 | 09/08/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | - | ND (0.4) ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| CHLOROFORM | 0.4 | - | 1.0/1.2 |
| CIS-1,2-DICHLOROETHENE | 0.9 | - | 3.5/3.3 |
| CUMENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) ND (0.2) |
| MTBE | ND (0.3) | - | 0.6/0.5 |
| TETRACHLORIDETHENE | 0.5 | - | 2.2/1.8 |
| TOLUENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | - | ND (0.3) ND (0.3) |
| TRICHLORETHENE | 21 | - | 69/62 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | 4.5 | ND (3.2) | - |
| BARIUM AS TOTAL | - | 186 | - |
| BERYLLIUM AS TOTAL | 0.82 | 0.59 | - |
| CADMIUM AS TOTAL | 1.9 | 0.45 | - |
| CHROMIUM AS TOTAL | 8.36 | 8.9 | - |
| COBALT AS TOTAL | - | 4.4 | - |
| COPPER AS TOTAL | 19.2 | 5.0 | - |
| LEAD AS TOTAL | 3.9 | ND (2.6) | - |
| MANGANESE AS TOTAL | - | 291 | - |
| MERCURY AS TOTAL | 0.12 | ND (0.13) | - |
| NICKEL AS TOTAL | 31.7 | 11.6 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.4) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | ND (2.0) | - |
| ZINC AS TOTAL | 18.1 | 101 | - |

| MW-24 | 10/21/2002 | 01/15/2003 | 09/01/2004 | 09/08/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | 0.5 | 1.2 | - | 1.4 |
| CIS-1,2-DICHLOROETHENE | 6.0 | 6.3 | - | 4.6 |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| MTBE | 0.8 | 0.8 | - | 0.8 |
| TETRACHLORIDETHENE | 76 | 73 | - | 69 |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLORETHENE | 76 | 73 | - | 69 |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - | ND (0.2) |
| METALS | | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | ND (3.2) | - |
| BARIUM AS TOTAL | - | - | 473 | - |
| BERYLLIUM AS TOTAL | 0.34 | ND (0.31) | ND (0.31) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | ND (0.45) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | ND (2.8) | - |
| COBALT AS TOTAL | - | - | ND (1.7) | - |
| COPPER AS TOTAL | 9.7 | ND (3.1) | 5.3 | - |
| LEAD AS TOTAL | 2.3 | ND (2.6) | ND (2.6) | - |
| MANGANESE AS TOTAL | - | - | 36.7 | - |
| MERCURY AS TOTAL | ND (0.13) | ND (0.13) | ND (0.13) | - |
| NICKEL AS TOTAL | 8.9 | ND (3.9) | ND (3.9) | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | - | ND (1.0) | - |
| ZINC AS TOTAL | 58.4 | 17.1 | 17.4 | - |

| MW-30A | 09/01/2004 | 09/08/2004 |
|---|---|---|
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | - | ND (0.3) |
| 1,1-DICHLOROETHANE | - | ND (0.4) |
| 1,1-DICHLOROETHENE | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | - | ND (0.3) |
| 1,2-DICHLOROETHANE | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | - | ND (0.4) |
| ACETONE | - | ND (1.0) |
| BENZENE | - | ND (0.3) |
| CARBON DISULFIDE | - | 0.8 |
| CARBON TETRACHLORIDE | - | ND (0.3) |
| CFC-11 | - | ND (0.4) |
| CHLOROBENZENE | - | ND (0.3) |
| CHLOROFORM | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | - | 1.5 |
| CUMENE | - | ND (0.3) |
| CYCLOHEXANE | - | ND (0.4) |
| ETHYLBENZENE | - | ND (0.3) |
| METHYL ETHYL KETONE | - | ND (0.9) |
| METHYLCYCLOHEXANE | - | ND (0.2) |
| MTBE | - | 1.0 |
| TETRACHLORIDETHENE | - | 1.5 |
| TOLUENE | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | - | ND (0.3) |
| TRICHLORETHENE | - | 1.5 |
| VINYL CHLORIDE | - | ND (0.4) |
| XYLENE (TOTAL) | - | ND (0.2) |
| METALS | | |
| ANTIMONY | - | ND (5.8) |
| ARSENIC AS TOTAL | - | ND (3.2) |
| BARIUM AS TOTAL | - | 394 |
| BERYLLIUM AS TOTAL | - | ND (0.30) |
| CADMIUM AS TOTAL | - | ND (0.40) |
| CHROMIUM AS TOTAL | - | 9.7 |
| COBALT AS TOTAL | - | ND (1.7) |
| COPPER AS TOTAL | - | 20.3 |
| LEAD AS TOTAL | - | ND (2.6) |
| MANGANESE AS TOTAL | - | 2.4 |
| MERCURY AS TOTAL | - | ND (0.13) |
| NICKEL AS TOTAL | - | ND (3.9) |
| SILVER AS TOTAL | - | ND (0.4) |
| THALLIUM AS TOTAL | - | ND (4.7) |
| VANADIUM AS TOTAL | - | 3.1 |
| ZINC AS TOTAL | - | 14.7 |

| MW-33 | 09/01/2004 | 09/08/2004 |
|---|---|---|
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | - | ND (0.3) |
| 1,1-DICHLOROETHANE | - | ND (0.4) |
| 1,1-DICHLOROETHENE | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | - | ND (0.3) |
| 1,2-DICHLOROETHANE | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | - | ND (0.4) |
| ACETONE | - | ND (1.0) |
| BENZENE | - | ND (0.3) |
| CARBON DISULFIDE | - | ND (0.2) |
| CARBON TETRACHLORIDE | - | ND (0.3) |
| CFC-11 | - | ND (0.4) |
| CHLOROBENZENE | - | ND (0.3) |
| CHLOROFORM | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | - | 0.9 |
| CUMENE | - | ND (0.3) |
| CYCLOHEXANE | - | ND (0.4) |
| ETHYLBENZENE | - | ND (0.3) |
| METHYL ETHYL KETONE | - | ND (0.9) |
| METHYLCYCLOHEXANE | - | ND (0.2) |
| MTBE | - | 0.8 |
| TETRACHLORIDETHENE | - | 1.5 |
| TOLUENE | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | - | ND (0.3) |
| TRICHLORETHENE | - | 1.5 |
| VINYL CHLORIDE | - | ND (0.4) |
| XYLENE (TOTAL) | - | ND (0.2) |
| METALS | | |
| ANTIMONY | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.2) | - |
| BARIUM AS TOTAL | 213 | - |
| BERYLLIUM AS TOTAL | ND (0.30) | - |
| CADMIUM AS TOTAL | ND (0.40) | - |
| CHROMIUM AS TOTAL | 5.4 | - |
| COBALT AS TOTAL | 11.6 | - |
| COPPER AS TOTAL | ND (2.7) | - |
| LEAD AS TOTAL | ND (2.6) | - |
| MANGANESE AS TOTAL | 1,490 | - |
| MERCURY AS TOTAL | ND (0.13) | - |
| NICKEL AS TOTAL | 19.0 | - |
| SILVER AS TOTAL | ND (0.4) | - |
| THALLIUM AS TOTAL | ND (4.7) | - |
| VANADIUM AS TOTAL | ND (2.0) | - |
| ZINC AS TOTAL | 36.1 | - |

| MW-36 | 09/09/2004 |
|---|---|
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.3) |
| 1,2-DICHLOROBENZENE | 1.0 |
| 1,2-DICHLOROETHANE | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.4) |
| ACETONE | ND (1.0) |
| BENZENE | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) |
| CFC-11 | ND (0.4) |
| CHLOROBENZENE | 0.4 |
| CHLOROFORM | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | ND (0.4) |
| CUMENE | ND (0.3) |
| CYCLOHEXANE | ND (0.4) |
| ETHYLBENZENE | ND (0.3) |
| METHYL ETHYL KETONE | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.2) |
| MTBE | 1.6 |
| TETRACHLORIDETHENE | 0.5 |
| TOLUENE | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.3) |
| TRICHLORETHENE | ND (0.4) |
| VINYL CHLORIDE | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) |
| METALS | |
| ANTIMONY | ND (3.9) |
| ARSENIC AS TOTAL | ND (3.2) |
| BARIUM AS TOTAL | 4.1 |
| BERYLLIUM AS TOTAL | ND (0.33) |
| CADMIUM AS TOTAL | ND (0.45) |
| CHROMIUM AS TOTAL | 3.4 |
| COBALT AS TOTAL | ND (1.7) |
| COPPER AS TOTAL | 5.3 |
| LEAD AS TOTAL | ND (2.2) |
| MANGANESE AS TOTAL | 186 |
| MERCURY AS TOTAL | ND (0.13) |
| NICKEL AS TOTAL | 11.6 |
| SILVER AS TOTAL | ND (0.80) |
| THALLIUM AS TOTAL | 9.0 |
| VANADIUM AS TOTAL | ND (1.5) |
| ZINC AS TOTAL | 26.6 |

| MW-17A | 10/18/2000 | 09/08/2004 | 09/23/2004 |
|---|---|---|---|
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 0.4 | - | ND (0.4) |
| CUMENE | ND (0.3) | - | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLORIDETHENE | 0.4 | - | ND (0.4) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLORETHENE | 1.6 | - | 1.3 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (3.2) |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | - |
| BARIUM AS TOTAL | - | - | 473 |
| BERYLLIUM AS TOTAL | 0.34 | ND (0.31) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | - |
| COBALT AS TOTAL | - | - | ND (1.7) |
| COPPER AS TOTAL | 9.7 | ND (3.1) | 5.3 |
| LEAD AS TOTAL | 2.3 | ND (2.6) | ND (2.6) |
| MANGANESE AS TOTAL | - | - | 36.7 |
| MERCURY AS TOTAL | ND (0.13) | ND (0.13) | - |
| NICKEL AS TOTAL | 8.9 | ND (3.9) | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | - | ND (1.0) |
| ZINC AS TOTAL | 14.9 | 14.1 | 20.2 |

| MW-15 | 10/21/2002 | 09/21/2004 | 09/08/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | 0.3 | - | 0.5 |
| CIS-1,2-DICHLOROETHENE | 9.8 | - | 2.5 |
| CUMENE | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLORIDETHENE | 0.5 | - | 0.4 |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLORETHENE | 42 | - | 2.3 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (7.8) | ND (3.9) | ND (5.8) ND (3.2) |
| ARSENIC AS TOTAL | ND (6.6) | ND (3.2) | ND (3.2) |
| BARIUM AS TOTAL | 6.2 | - | 198/179 |
| BERYLLIUM AS TOTAL | 6.8 | - | 0.54/0.58 |
| CADMIUM AS TOTAL | 12100 | - | ND (0.45) ND (0.45) |
| CHROMIUM AS TOTAL | - | - | 12.3/10.9 |
| COBALT AS TOTAL | 71.6 | - | ND (1.7) ND (1.7) |
| COPPER AS TOTAL | 13.1 | - | 4.8/6.0 |
| LEAD AS TOTAL | - | - | ND (2.6) ND (2.6) |
| MANGANESE AS TOTAL | 0.18 | - | 6.6/6.9 |
| MERCURY AS TOTAL | 43.1 | - | ND (0.13) ND (0.13) |
| NICKEL AS TOTAL | ND (1.4) | - | 33.2/33.6 |
| SILVER AS TOTAL | ND (8.8) | - | ND (1.4) ND (1.4) |
| THALLIUM AS TOTAL | - | - | ND (4.7) ND (4.7) |
| VANADIUM AS TOTAL | ND (11.6) | - | ND (2.0) ND (2.0) |
| ZINC AS TOTAL | | - | 183/201 |

| MW-15A | 10/21/2002 | 09/02/2004 | 09/09/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | 3.6 | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 1.6 | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | 1.6 | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 1.2 | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 1.2 | - | 2.1 |
| CUMENE | ND (0.2) | - | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | 0.5 | - | 0.4 |
| TETRACHLORIDETHENE | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLORETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLORETHENE | 26 | - | 24 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.2) | - |
| BARIUM AS TOTAL | 574 | - | - |
| BERYLLIUM AS TOTAL | ND (0.33) | ND (0.30) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.40) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (1.6) | - |
| COBALT AS TOTAL | - | ND (1.7) | - |
| COPPER AS TOTAL | 5.0 | 2.1 | - |
| LEAD AS TOTAL | ND (2.2) | ND (2.6) | - |
| MANGANESE AS TOTAL | - | 51.7/ND (1.7) | - |
| MERCURY AS TOTAL | ND (0.13) | ND (0.13) | - |
| NICKEL AS TOTAL | 8.9 | ND (3.9) | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.0) | - |
| ZINC AS TOTAL | 58.4 | 17.1 | - |

| MW-27S | 10/09/2003 |
|---|---|
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (0.2) |
| 1,1-DICHLOROETHANE | ND (0.2) |
| 1,1-DICHLOROETHENE | ND (0.4) |
| 1,2,4-TRICHLOROBENZENE |

| MW-20 | 10/15/2002 | 01/14/2003 | 09/03/2004 | 09/15/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 2-BUTANONE | ND (3.7) | ND (3.7) | - | ND (3.7) |
| BENZENE | 2.1 | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CHLOROFORM | 0.1 | 1.7 | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CUMENE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.3) | ND (0.4) | - | ND (0.4) |
| ETHYL BENZENE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.4) | - | ND (0.4) |
| MTBE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TOLUENE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 0.5 | 0.5 | - | ND (0.3) |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - | ND (0.2) |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (0.3) | ND (0.3) | - | - |
| ACENAPHTHENE | ND (0.3) | ND (0.4) | - | - |
| BENZO(A)ANTHRACENE | ND (0.3) | ND (0.4) | - | - |
| BENZO(A)PYRENE | ND (0.3) | ND (0.4) | - | - |
| BENZYL, BUTYL PHTHALATE | ND (0.3) | ND (0.4) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (0.3) | ND (0.4) | - | - |
| DIBENZOFURAN | ND (0.3) | ND (0.4) | - | - |
| FLUORENE | ND (0.3) | ND (0.4) | - | - |
| NAPHTHALENE | ND (0.3) | ND (0.4) | - | - |
| PHENANTHRENE | ND (0.3) | ND (0.4) | - | - |
| PYRENE | ND (0.3) | ND (0.4) | - | - |
| METALS | | | | |
| ALUMINUM AS TOTAL | - | 5000 | - | - |
| ANTIMONY | 14.6 | 8.6 | 6.7 | - |
| ARSENIC AS TOTAL | 7.9 | ND (3.4) | ND (3.2) | - |
| BARIUM AS TOTAL | - | 80.8 | ND (1.7) | - |
| BERYLLIUM AS TOTAL | 0.35 | ND (0.07) | ND (0.28) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | ND (0.45) | - |
| CALCIUM AS TOTAL | - | - | 18500 | - |
| CHROMIUM AS TOTAL | 17.3 | 10.7 | ND (1.6) | - |
| COBALT AS TOTAL | - | ND (3.5) | ND (1.7) | - |
| COPPER AS TOTAL | 420 | 189 | 24.7 | - |
| IRON | - | 7100 | - | - |
| LEAD AS TOTAL | 75.1 | 45.1 | ND (2.6) | - |
| MAGNESIUM AS TOTAL | - | 4290 | - | - |
| MANGANESE AS TOTAL | - | 263 | 29.4 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 88.5 | 63.5 | 6.98 | - |
| POTASSIUM AS TOTAL | - | 1010 | - | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | ND (1.4) | - |
| SODIUM AS TOTAL | - | 16900 | - | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | 91 | ND (2.0) | - |
| ZINC AS TOTAL | 246 | 158 | 28.5 | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1221 | ND (0.380) | ND (0.380) | - | - |
| AROCLOR 1232 | ND (0.380) | ND (0.380) | - | - |
| AROCLOR 1242 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1248 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1254 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1260 | ND (0.210) | ND (0.210) | - | - |

| MW-18 | 10/16/2002 | 09/08/2004 | 09/13/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (1.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (1.4) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (1.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (1.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (1.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (1.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (1.2) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (1.3) | - | ND (0.4) |
| 2-BUTANONE | ND (7.3) | - | ND (3.7) |
| BENZENE | ND (1.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (1.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (1.3) | - | ND (0.3) |
| CFC-11 | ND (1.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (1.3) | - | ND (0.3) |
| CHLOROFORM | ND (1.4) | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | ND (1.2) | - | ND (0.3) |
| CUMENE | ND (1.3) | - | ND (0.3) |
| CYCLOHEXANE | ND (1.4) | - | ND (0.4) |
| ETHYL BENZENE | ND (1.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (7.3) | - | ND (3.7) |
| METHYLCYCLOHEXANE | ND (1.4) | - | ND (0.4) |
| MTBE | ND (1.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (1.2) | - | ND (0.3) |
| TOLUENE | ND (1.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (1.2) | - | ND (0.3) |
| TRICHLOROETHENE | ND (1.3) | - | ND (0.3) |
| VINYL CHLORIDE | ND (1.4) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (1.2) | - | ND (0.2) |
| SVOCs | | | |
| ACENAPHTHENE | ND (3.9) | ND (3.9) | - |
| BENZO(A)ANTHRACENE | ND (3.9) | ND (3.9) | - |
| BENZO(A)PYRENE | ND (3.9) | ND (3.9) | - |
| BENZYL, BUTYL PHTHALATE | ND (3.9) | ND (3.9) | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (3.9) | ND (3.9) | - |
| DIBENZOFURAN | ND (3.9) | ND (3.9) | - |
| FLUORENE | ND (3.9) | ND (3.9) | - |
| NAPHTHALENE | ND (3.9) | ND (3.9) | - |
| PHENANTHRENE | ND (3.9) | ND (3.9) | - |
| PYRENE | ND (3.9) | ND (3.9) | - |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | - |
| BARIUM AS TOTAL | 0.21 | ND (0.07) | - |
| BERYLLIUM AS TOTAL | ND (0.45) | ND (0.45) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | - |
| CHROMIUM AS TOTAL | 1.4 | ND (3.9) | - |
| COBALT AS TOTAL | 2.8 | 4.3 | - |
| COPPER AS TOTAL | - | 1.1 | - |
| LEAD AS TOTAL | ND (0.70) | ND (0.70) | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 17.7 | 5.6 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - |
| ZINC AS TOTAL | 25.5 | 26.5 | - |

| MW-30 | 10/14/2002 | 01/14/2003 | 09/03/2004 | 09/08/2004 | 09/15/2004 |
|---|---|---|---|---|---|
| VOCs | | | | | |
| 1,1,1-TRICHLOROETHANE | ND (5.2) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.4) |
| 1,1-DICHLOROETHANE | ND (5.4) | ND (0.4) | 13/16 | - | 14 |
| 1,1-DICHLOROETHENE | ND (5.0) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.7) |
| 1,2,4-TRICHLOROBENZENE | ND (5.0) | ND (0.2) | ND (1.2)/ND (1.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | 6.9 | ND (0.3) | 3.6/4.1 | - | 7.2 |
| 1,2-DICHLOROETHANE | ND (7.2) | ND (0.4) | ND (0.8)/ND (0.8) | - | ND (0.8) |
| 1,3-DICHLOROBENZENE | ND (5.0) | ND (0.2) | ND (1.0)/ND (1.0) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (2.0) | ND (0.3) | ND (1.2)/ND (1.2) | - | ND (0.4) |
| 2-BUTANONE | 6.9 | ND (3.7) | ND (3.7)/ND (3.7) | - | ND (3.7) |
| BENZENE | ND (1.4) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.3) |
| CARBON DISULFIDE | ND (5.0) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (6.0) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.3) |
| CFC-11 | ND (8.2) | ND (0.4) | ND (0.8)/ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | 65 | 140 | 140/143 | - | 171 |
| CHLOROFORM | ND (5.0) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | 8.1 | 39 | ND (2.4)/ND (2.4) | - | ND (0.3) |
| CUMENE | 230 | 350 | 230/258 | - | 358 |
| CYCLOHEXANE | ND (7.8) | ND (.2)(0) | ND (2.4)/ND (2.4) | - | ND (2.0) |
| ETHYL BENZENE | 55 | 390 | 699/758 | - | 1,100 |
| METHYL ETHYL KETONE | ND (33) | ND (1.9)(0) | ND (25)/ND (25) | - | ND (14.6) |
| METHYLCYCLOHEXANE | ND (5.2) | ND (0.4) | ND (2.4)/ND (2.4) | - | ND (0.4) |
| MTBE | ND (3.9) | ND (0.3) | ND (0.6)/ND (0.6) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (5.2) | ND (0.3) | ND (1.2)/ND (1.2) | - | ND (0.3) |
| TOLUENE | ND (5.2) | ND (0.3) | ND (1.2)/ND (1.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (5.2) | ND (0.3) | ND (1.2)/ND (1.2) | - | ND (0.3) |
| TRICHLOROETHENE | 15 | 64 | 89/97 | - | 116 |
| VINYL CHLORIDE | 13 | 11 | 16/16 | - | 20 |
| XYLENE (TOTAL) | 6.2 | 0.6 | 2.4/2.4 | - | 2.4 |
| SVOCs | | | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - | - | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.5) | - | - | - |
| BARIUM AS TOTAL | - | 137 | - | - | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.10) | - | - | - |
| CADMIUM AS TOTAL | 1.0 | ND (0.40) | - | - | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | - | - | - |
| COBALT AS TOTAL | - | ND (3.5) | - | - | - |
| COPPER AS TOTAL | ND (2.1) | ND (3.1) | - | - | - |
| LEAD AS TOTAL | ND (2.2) | ND (2.2) | - | - | - |
| MANGANESE AS TOTAL | - | 1,090 | - | - | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | - | - | - |
| NICKEL AS TOTAL | 17.7 | 5.6 | - | - | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | - | - | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - | - | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - | - | - |
| ZINC AS TOTAL | 16.2 | 16.5 | - | - | - |

| MW-31 | 09/23/2003 | 09/28/2004 | 09/15/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (8.0) | - | 5.8 |
| 1,1-DICHLOROETHANE | ND (22) | - | ND (1.7) |
| 1,1-DICHLOROETHENE | ND (19) | - | 7.3 |
| 1,2,4-TRICHLOROBENZENE | ND (12) | - | 2.1 |
| 1,2-DICHLOROETHANE | ND (12) | - | ND (1.8) |
| 1,3-DICHLOROBENZENE | ND (18) | - | ND (2.0) |
| 1,4-DICHLOROBENZENE | ND (16) | - | ND (1.5) |
| METHYLCYCLOHEXANE | ND (16) | - | ND (1.5) |
| ACETONE | ND (48) | - | ND (4.6) |
| BENZENE | ND (12) | - | 5.8 |
| CARBON DISULFIDE | ND (12) | - | ND (1.2) |
| CARBON TETRACHLORIDE | ND (19.5) | - | ND (1.2) |
| CFC-11 | ND (22) | - | ND (1.8) |
| CHLOROBENZENE | ND (18) | - | 15 |
| CHLOROFORM | ND (19.5) | - | ND (1.7) |
| CIS-1,2-DICHLOROETHENE | ND (12) | - | 7.3 |
| CUMENE | 518 | - | 440 |
| CYCLOHEXANE | ND (26) | - | ND (2.0) |
| ETHYL BENZENE | 760 | - | 286 |
| METHYL ETHYL KETONE | ND (93) | - | ND (8.2) |
| METHYLCYCLOHEXANE | ND (16) | - | ND (1.5) |
| MTBE | ND (16) | - | 8.4 |
| TETRACHLOROETHENE | ND (18) | - | ND (1.6) |
| TOLUENE | 220 | - | 17 |
| TRANS-1,2-DICHLOROETHENE | ND (12) | - | ND (1.6) |
| TRICHLOROETHENE | ND (19.0) | - | 2.6 |
| VINYL CHLORIDE | ND (16) | - | 2.7 |
| XYLENE, (TOTAL) | 770 | - | 390 |
| METALS | | | |
| ANTIMONY | - | ND (3.9) | - |
| ARSENIC AS TOTAL | - | 4.4 | - |
| BARIUM AS TOTAL | - | 67.2 | - |
| BERYLLIUM AS TOTAL | - | ND (0.10) | - |
| CADMIUM AS TOTAL | - | ND (0.40) | - |
| CHROMIUM AS TOTAL | - | ND (2.8) | - |
| COBALT AS TOTAL | - | ND (3.5) | - |
| COPPER AS TOTAL | - | ND (3.1) | - |
| LEAD AS TOTAL | - | ND (2.2) | - |
| MANGANESE AS TOTAL | - | 29.7 | - |
| MERCURY AS TOTAL | - | ND (0.03) | - |
| NICKEL AS TOTAL | - | ND (3.9) | - |
| SILVER AS TOTAL | - | ND (0.80) | - |
| THALLIUM AS TOTAL | - | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - |
| ZINC AS TOTAL | - | 14.1 | - |

| MW-8 | 10/15/2002 | 01/14/2003 | 09/13/2004 | 09/14/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 2-METHYL-2-PENTANONE | ND (3.7) | ND (3.7) | - | ND (3.7) |
| ACETONE | ND (1.0) | ND (1.0) | - | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CUMENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.3) | ND (0.4) | - | ND (0.4) |
| ETHYL BENZENE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.4) | - | ND (0.4) |
| MTBE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TOLUENE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - | ND (0.2) |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (0.3) | ND (0.3) | - | - |
| ACENAPHTHENE | ND (0.3) | ND (0.4) | - | - |
| BENZO(A)ANTHRACENE | ND (0.3) | ND (0.4) | - | - |
| BENZO(A)PYRENE | ND (0.3) | ND (0.4) | - | - |
| BENZYL, BUTYL PHTHALATE | ND (0.3) | ND (0.4) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (0.3) | ND (0.4) | - | - |
| DIBENZOFURAN | ND (0.3) | ND (0.4) | - | - |
| FLUORENE | ND (0.3) | ND (0.4) | - | - |
| NAPHTHALENE | ND (0.3) | ND (0.4) | - | - |
| PHENANTHRENE | ND (0.3) | ND (0.4) | - | - |
| PYRENE | ND (0.3) | ND (0.4) | - | - |
| METALS | | | | |
| ALUMINUM AS TOTAL | - | 5000 | - | - |
| ANTIMONY | 14.6 | 8.6 | 6.7 | - |
| ARSENIC AS TOTAL | 7.9 | ND (3.4) | ND (3.2) | - |
| BARIUM AS TOTAL | - | 80.8 | ND (1.7) | - |
| BERYLLIUM AS TOTAL | 0.35 | ND (0.07) | ND (0.28) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | ND (0.45) | - |
| CALCIUM AS TOTAL | - | - | 18500 | - |
| CHROMIUM AS TOTAL | 17.3 | 10.7 | ND (1.6) | - |
| COBALT AS TOTAL | - | ND (3.5) | ND (1.7) | - |
| COPPER AS TOTAL | 420 | 189 | 24.7 | - |
| IRON | - | 7100 | - | - |
| LEAD AS TOTAL | 75.1 | 45.1 | ND (2.6) | - |
| MAGNESIUM AS TOTAL | - | 4290 | - | - |
| MANGANESE AS TOTAL | - | 263 | 29.4 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 88.5 | 63.5 | 6.98 | - |
| POTASSIUM AS TOTAL | - | 1010 | - | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | ND (1.4) | - |
| SODIUM AS TOTAL | - | 16900 | - | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | 91 | ND (2.0) | - |
| ZINC AS TOTAL | 246 | 158 | 28.5 | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1221 | ND (0.380) | ND (0.380) | - | - |
| AROCLOR 1232 | ND (0.380) | ND (0.380) | - | - |
| AROCLOR 1242 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1248 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1254 | ND (0.210) | ND (0.210) | - | - |
| AROCLOR 1260 | ND (0.210) | ND (0.210) | - | - |

| UST-4 | 10/15/2002 | 09/07/2004 | 09/15/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | 0.7 | - | ND (0.4) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 1.1 | - | 5.4 |
| 1,4-DICHLOROBENZENE | 0.3 | - | ND (0.4) |
| 2-METHYL-2-PENTANONE | 0.7 | - | 1.1 |
| 4-METHYL-2-PENTANONE | ND (3.8) | - | ND (3.8) |
| ACETONE | ND (1.0) | - | ND (1.0) |
| BENZENE | 1.0 | - | 0.5 |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | 2.1 | - | 1.6 |
| CHLOROBENZENE | 16 | - | 26 |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 70 | - | 32 |
| CUMENE | 12 | - | 10 |
| CYCLOHEXANE | 6.5 | - | 8.7 |
| ETHYL BENZENE | 2.3 | - | 56 |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | 1.9 | - | 12 |
| MTBE | ND (0.3) | - | 1.5 |
| TETRACHLOROETHENE | ND (0.2) | - | ND (0.4) |
| TOLUENE | 5.1 | - | 4.2 |
| TRANS-1,2-DICHLOROETHENE | 1.0 | - | 0.6 |
| TRICHLOROETHENE | 110 | - | 110 |
| VINYL CHLORIDE | 14 | - | 13 |
| XYLENE (TOTAL) | 13 | - | 5.6 |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.5) | - |
| BARIUM AS TOTAL | - | 146.6 | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.10) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | - |
| COBALT AS TOTAL | - | ND (3.5) | - |
| COPPER AS TOTAL | ND (2.1) | 3.1 | - |
| LEAD AS TOTAL | ND (2.2) | 3.6 | - |
| MANGANESE AS TOTAL | - | 2560 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 16.9 | 12.2 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - |
| ZINC AS TOTAL | 19.4 | 27.1 | - |

| UST-5 | 10/15/2002 | 09/07/2004 | 09/15/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (1.3) | - | ND (0.6) |
| 1,1-DICHLOROETHANE | ND (1.4) | - | ND (0.7) |
| 1,1-DICHLOROETHENE | ND (1.3) | - | ND (0.7) |
| 1,2,4-TRICHLOROBENZENE | ND (1.2) | - | ND (0.6) |
| 1,2-DICHLOROBENZENE | ND (1.3) | - | ND (0.7) |
| 1,2-DICHLOROETHANE | ND (1.8) | - | ND (0.7) |
| 1,3-DICHLOROBENZENE | ND (1.2) | - | ND (0.8) |
| 1,4-DICHLOROBENZENE | ND (1.3) | - | ND (0.8) |
| 2-METHYL-2-PENTANONE | ND (1.6) | - | ND (1.6) |
| ACETONE | ND (3.6) | - | ND (1.9) |
| BENZENE | 1.3 | - | ND (0.7) |
| CARBON DISULFIDE | ND (1.3) | - | ND (0.7) |
| CARBON TETRACHLORIDE | ND (1.3) | - | ND (0.6) |
| CFC-11 | ND (1.4) | - | ND (0.8) |
| CHLOROBENZENE | 2.5 | - | 8.3 |
| CHLOROFORM | ND (1.4) | - | ND (0.7) |
| CIS-1,2-DICHLOROETHENE | 4.4 | - | 6.5 |
| CUMENE | 31 | - | 50 |
| CYCLOHEXANE | 87 | - | 26 |
| ETHYL BENZENE | 390 | - | 160 |
| METHYL ETHYL KETONE | ND (8.2) | - | ND (3.8) |
| METHYLCYCLOHEXANE | 4.1 | - | 46 |
| MTBE | 36 | - | 12 |
| TETRACHLOROETHENE | ND (1.2) | - | ND (0.7) |
| TOLUENE | 4.1 | - | 46 |
| TRANS-1,2-DICHLOROETHENE | 2.6 | - | 3.6 |
| TRICHLOROETHENE | ND (1.6) | - | 1.6 |
| VINYL CHLORIDE | 6.2 | - | 5.6 |
| XYLENE (TOTAL) | 440 | - | 209 |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | ND (3.4) | 22.6 | - |
| BARIUM AS TOTAL | - | 168 | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.10) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (2.8) | - |
| COBALT AS TOTAL | - | 3.5 | - |
| COPPER AS TOTAL | ND (2.1) | 3.9 | - |
| LEAD AS TOTAL | ND (2.2) | 379 | - |
| MANGANESE AS TOTAL | - | 2070 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 11.1 | 8.7 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - |
| ZINC AS TOTAL | 10.6 | 7.9 | - |

| UST-6 | 10/15/2002 | 09/14/2004 | 09/15/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (0.3) | - | ND (0.4) |
| 2-METHYL-2-PENTANONE | ND (3.7) | - | ND (3.7) |
| ACETONE | ND (1.0) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.3) |
| CUMENE | ND (0.3) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.3) | - | ND (0.4) |
| ETHYL BENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.4) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | - | ND (0.3) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 0.5 | - | ND (0.3) |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | ND (3.4) | 6.2/4.9 | ND (3.5) |
| BARIUM AS TOTAL | - | 59.7 | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.10) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | - |
| CHROMIUM AS TOTAL | ND (2.8) | 3.1 | - |
| COBALT AS TOTAL | - | 4.1 | - |
| COPPER AS TOTAL | ND (2.1) | 3.1 | - |
| LEAD AS TOTAL | ND (2.2) | 2.7 | - |
| MANGANESE AS TOTAL | - | 1,110 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 6.1 | 9.1 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.80) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | ND (1.5) | - |
| ZINC AS TOTAL | 4.9 | 16.2 | - |

| UST-1 | 10/15/2002 | 09/08/2004 | 09/10/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,4-DICHLOROBENZENE | ND (0.3) | - | ND (0.4) |
| 2-METHYL-2-PENTANONE | ND (3.7) | - | ND (3.7) |
| ACETONE | ND (1.0) | - | ND (1.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.4) |
| CIS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.3) |
| CUMENE | ND (0.3) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.3) | - | ND (0.4) |
| ETHYL BENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (3.3) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.4) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | - | ND (0.3) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| SVOCs | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.5) | - |
| BARIUM AS TOTAL | - | 126 | - |
| BERYLLIUM AS TOTAL | 0.21 | ND (0.07) | - |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) | - |
| CHROMIUM AS TOTAL | ND (2.8) | ND (3.9) |

| MW-9A | 10/17/2002 | 09/03/2004 | 09/14/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.5) | - | ND (0.5) |
| 1,1-DICHLOROETHANE | ND (0.5) | - | ND (0.4) |
| 1,1-DICHLOROETHYLENE | ND (0.6) | - | ND (0.6) |
| 1,2,4-TRICHLOROBENZENE | 13 | - | 11 |
| 1,2-DICHLOROBENZENE | 0.8 | - | ND (0.5) |
| 1,2-DICHLOROETHANE | ND (0.7) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 1.5 | - | 25 |
| 1,4-DICHLOROBENZENE | 1 | - | ND (0.4) |
| 2-METHYL-2-PENTANONE | ND (0.6) | - | ND (0.4) |
| ACETONE | ND (0.6) | - | ND (0.5) |
| BENZENE | ND (0.6) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.6) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.6) | - | ND (0.4) |
| CFC-11 | ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | 6.7 | - | 5.6 |
| CHLOROFORM | 0.7 | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 4.6 | - | 0.4 |
| CUMENE | ND (0.6) | - | ND (0.4) |
| CYCLOHEXANE | ND (0.8) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.6) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (0.3) | - | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.5) | - | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.6) | - | ND (0.4) |
| TETRACHLOROETHENE | ND (0.5) | - | ND (0.4) |
| TOLUENE | ND (0.5) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.5) | - | 0.9 |
| TRICHLOROETHYLENE | 33 | - | 34 |
| VINYL CHLORIDE | ND (0.6) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.6) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.2) | - |
| BARIUM AS TOTAL | - | 178 | - |
| BERYLLIUM AS TOTAL | 9.3 | ND (0.30) | - |
| CADMIUM AS TOTAL | 276 | 2.1 | - |
| CHROMIUM AS TOTAL | 192 | 2.5 | - |
| COBALT AS TOTAL | - | ND (1.7) | - |
| COPPER AS TOTAL | 1790 | 17.0 | - |
| LEAD AS TOTAL | 590 | ND (2.6) | - |
| MANGANESE AS TOTAL | 66 | 54 | - |
| MERCURY AS TOTAL | 0.48 | ND (0.03) | - |
| NICKEL AS TOTAL | 1360 | 7.1 | - |
| SILVER AS TOTAL | ND (1.4) | ND (1.4) | - |
| VANADIUM AS TOTAL | - | ND (2.0) | - |
| ZINC AS TOTAL | 11.0 | 35.9 | - |

| MW-9 | 10/17/2002 | 09/03/2004 | 09/14/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | 0.6 | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | 0.7 |
| 1,1-DICHLOROETHYLENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.6) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.4) |
| CFC-11 | ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 0.3 | - | 0.7 |
| CUMENE | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.6) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (0.6) | - | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.3) | - | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.2) | - | ND (0.4) |
| TETRACHLOROETHENE | ND (0.3) | - | ND (0.4) |
| TOLUENE | ND (0.2) | - | 0.4 |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) | - | ND (0.4) |
| TRICHLOROETHYLENE | 1.1 | - | 0.4 |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ALUMINUM AS TOTAL | ND (77.4)/123 | ND (77.4)/ND (77.4) | - |
| ANTIMONY | - | - | ND (5.8) - |
| ARSENIC AS TOTAL | ND (3.4)/ND (3.4) | ND (3.4)/ND (3.4) | - |
| BARIUM AS TOTAL | 141/205 | 177/215 | - |
| BERYLLIUM AS TOTAL | - | - | ND (0.30) - |
| CADMIUM AS TOTAL | ND (0.45)/ND (0.45) | ND (0.45)/ND (0.45) | ND (0.45) - |
| CHROMIUM AS TOTAL | ND (2.8)/ND (2.8) | 3.1/ND (2.8) | ND (1.6) - |
| COBALT AS TOTAL | - | - | ND (1.7) - |
| COPPER AS TOTAL | ND (2.1)/ND (2.1) | 2.4/2.6 | 4.1 - |
| IRON | 8100/16400 | 12600/9350 | - |
| LEAD AS TOTAL | ND (2.2)/ND (2.2) | 2.2/ND (2.2) | ND (2.6) - |
| MANGANESE AS TOTAL | 329/397 | 620/705 | 206 - |
| MERCURY AS TOTAL | ND (0.03)/ND (0.03) | ND (0.03)/ND (0.03) | ND (0.03) - |
| NICKEL AS TOTAL | 7.8/8.4 | 11.4/13.8 | 4.3 - |
| SILVER AS TOTAL | - | - | ND (1.4) - |
| SODIUM AS TOTAL | 31800/34300 | 33000/33000 | - |
| VANADIUM AS TOTAL | - | - | ND (2.0) - |
| ZINC AS TOTAL | 71/74 | 254/196 | 301 - |

| MW-32 | 09/15/2004 | 09/23/2002 |
|---|---|---|
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.2) |
| 1,1-DICHLOROETHANE | ND (0.4) | ND (0.2) |
| 1,1-DICHLOROETHYLENE | ND (0.3) | ND (0.4) |
| 1,2,4-TRICHLOROBENZENE | ND (0.4) | - |
| 1,2-DICHLOROBENZENE | ND (0.4) | - |
| 1,2-DICHLOROETHANE | ND (0.4) | - |
| 1,3-DICHLOROBENZENE | ND (0.4) | - |
| 1,4-DICHLOROBENZENE | ND (0.4) | - |
| 4-METHYL-2-PENTANONE | ND (0.6) | - |
| ACETONE | ND (1.0) | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.2) |
| CARBON DISULFIDE | ND (0.2) | - |
| CARBON TETRACHLORIDE | ND (0.4) | - |
| CFC-11 | 2.7 | 4.9 |
| CHLOROBENZENE | ND (0.3) | ND (0.2) |
| CHLOROFORM | ND (0.3) | ND (0.2) |
| CIS-1,2-DICHLOROETHENE | 0.4 | - |
| CUMENE | ND (0.4) | - |
| CYCLOHEXANE | ND (0.4) | ND (0.2) |
| ETHYLBENZENE | ND (0.3) | ND (0.2) |
| METHYL ETHYL KETONE | ND (0.9) | ND (2.5) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.3) | ND (0.2) |
| METHYLCYCLOHEXANE | ND (0.4) | ND (0.2) |
| TETRACHLOROETHENE | ND (0.4) | ND (0.3) |
| TOLUENE | ND (0.3) | ND (0.2) |
| TRANS-1,2-DICHLOROETHENE | ND (0.4) | ND (0.2) |
| TRICHLOROETHYLENE | 7.5 | 5.5 |
| VINYL CHLORIDE | ND (0.4) | ND (0.3) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) |

| MW-29 | 10/17/2002 | 01/13/2003 |
|---|---|---|
| VOCs | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) |
| 1,1-DICHLOROETHYLENE | ND (0.3) | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.2) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.4) | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.4) |
| ACETONE | ND (0.7) | ND (1.0) |
| BENZENE | ND (0.6) | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.4) |
| CFC-11 | ND (0.8) | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | ND (0.3) |
| CHLOROFORM | ND (0.2) | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 0.3 | 0.7 |
| CUMENE | ND (0.4) | ND (0.4) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) |
| ETHYLBENZENE | ND (0.6) | ND (0.3) |
| METHYL ETHYL KETONE | ND (0.6) | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.2) | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.2) | ND (0.4) |
| TETRACHLOROETHENE | ND (0.3) | ND (0.4) |
| TOLUENE | ND (0.2) | 0.4 |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) | ND (0.4) |
| TRICHLOROETHYLENE | 1.1 | 0.4 |
| VINYL CHLORIDE | ND (0.3) | ND (0.4) |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) |
| METALS | | |
| ALUMINUM AS TOTAL | 13900 | 132 |
| ARSENIC AS TOTAL | 13.2 | 3.8 |
| BARIUM AS TOTAL | 182 | 78.1 |
| CADMIUM AS TOTAL | ND (0.45) | ND (0.45) |
| CHROMIUM AS TOTAL | 38.4 | 2.1 |
| COPPER AS TOTAL | 95.3 | 6.1 |
| IRON | 19200 | 10800 |
| LEAD AS TOTAL | 146 | ND (2.6) |
| MANGANESE AS TOTAL | 1110 | 565 |
| MERCURY AS TOTAL | 0.21 | ND (0.03) |
| NICKEL AS TOTAL | 55.4 | 13.3 |
| SODIUM AS TOTAL | 25600 | 17400 |
| ZINC AS TOTAL | 444 | 174 |

| MW-54 | 09/10/2002 |
|---|---|
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) |
| 1,1-DICHLOROETHYLENE | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.4) |
| 1,2-DICHLOROBENZENE | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.3) |
| 1,3-DICHLOROBENZENE | ND (0.2) |
| 1,4-DICHLOROBENZENE | ND (0.3) |
| 4-METHYL-2-PENTANONE | ND (0.8) |
| ACETONE | ND (1.7) |
| BENZENE | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) |
| CFC-11 | ND (0.4) |
| CHLOROBENZENE | ND (0.2) |
| CHLOROFORM | 0.6 |
| CIS-1,2-DICHLOROETHENE | 7.5 |
| CUMENE | ND (0.2) |
| CYCLOHEXANE | ND (0.4) |
| ETHYLBENZENE | 1.9 |
| METHYL ETHYL KETONE | ND (1.6) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.2) |
| METHYLCYCLOHEXANE | ND (0.4) |
| TETRACHLOROETHENE | ND (0.2) |
| TOLUENE | ND (0.2) |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) |
| TRICHLOROETHYLENE | 19 |
| VINYL CHLORIDE | ND (0.3) |
| XYLENE (TOTAL) | 13 |
| SVOCs | |
| 2-METHYLNAPHTHALENE | ND (10)/ND (10) |
| ACENAPHTHENE | ND (10)/ND (10) |
| BENZO(A)ANTHRACENE | ND (10)/ND (10) |
| BENZO(A)PYRENE | ND (10)/ND (10) |
| BENZYL BUTYL PHTHALATE | ND (10)/ND (10) |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (10)/ND (10) |
| DIBENZOFURAN | ND (10)/ND (10) |
| FLUORENE | ND (10)/ND (10) |
| NAPHTHALENE | ND (10)/ND (10) |
| PHENANTHRENE | ND (10)/ND (10) |
| PYRENE | ND (10)/ND (10) |
| METALS | |
| ALUMINUM AS TOTAL | 1460 |
| ANTIMONY | ND (3.9) |
| ARSENIC AS TOTAL | 4.2 |
| BARIUM AS TOTAL | 559 |
| BERYLLIUM AS TOTAL | 2.3 |
| CADMIUM AS TOTAL | ND (0.40) |
| CHROMIUM AS TOTAL | 49900 |
| COBALT AS TOTAL | 13.4 |
| COPPER AS TOTAL | 54.4 |
| IRON | 29400 |
| LEAD AS TOTAL | 9.2 |
| MAGNESIUM AS TOTAL | 27100 |
| MANGANESE AS TOTAL | 1240 |
| MERCURY AS TOTAL | ND (0.03) |
| NICKEL AS TOTAL | 48.5 |
| POTASSIUM AS TOTAL | 12500 |
| SILVER AS TOTAL | ND (0.70) |
| SODIUM AS TOTAL | 48500 |
| VANADIUM AS TOTAL | 19.8 |
| ZINC AS TOTAL | 106 |
| PCBs | |
| AROCLOR 1016 | ND (0.20)/ND (0.20) |
| AROCLOR 1221 | ND (0.30)/ND (0.30) |
| AROCLOR 1232 | ND (0.20)/ND (0.20) |
| AROCLOR 1242 | ND (0.20)/ND (0.20) |
| AROCLOR 1248 | ND (0.20)/ND (0.20) |
| AROCLOR 1254 | ND (0.20)/ND (0.20) |
| AROCLOR 1260 | ND (0.20)/ND (0.20) |

| MW-28 | 10/21/2002 | 01/13/2003 | 09/08/2004 | 09/14/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | 0.4 | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHYLENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 9.6 | 14 | - | 20 |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 7.5 | 10 | - | 9.2 |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | 1.9 | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.2) | ND (0.2) | - | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| TRICHLOROETHYLENE | 19 | 21 | - | 8.2 |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | 13 | 16 | - | 17 |
| SVOCs | | | | |
| ACENAPHTHENE | ND (0.4) | ND (0.4) | - | - |
| BENZO(A)ANTHRACENE | ND (0.4) | ND (0.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (0.4) | ND (0.4) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (0.4) | ND (0.4) | - | - |
| DIBENZOFURAN | ND (0.4) | 0.2 | - | - |
| FLUORENE | 0.5 | ND (0.4) | - | - |
| NAPHTHALENE | 1.0 | 1.2 | - | - |
| PHENANTHRENE | 0.5 | ND (0.4) | - | - |
| PYRENE | 0.4/0.4 | 1.2 | - | - |
| METALS | ND (10)/ND (10) | ND (10) | - | - |
| ALUMINUM AS TOTAL | 63.2 | 135 | - | - |
| COPPER AS TOTAL | 109 | 199 | - | - |
| LEAD AS TOTAL | 44.4 | 77.2 | - | - |
| ZINC AS TOTAL | 655 | 1260 | - | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1221 | ND (0.030) | ND (0.030) | - | - |
| AROCLOR 1232 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1242 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1248 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1254 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1260 | ND (0.020) | ND (0.020) | - | - |

| MW-27 | 10/17/2002 | 01/13/2003 | 09/02/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | 0.6 | - | 0.5 |
| 1,1-DICHLOROETHYLENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | 0.4 | ND (0.3) | - | 0.4 |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 3.1 | 8.4 | - | 3.1 |
| 1,4-DICHLOROBENZENE | 9.5 | 8.3 | - | 11 |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (1.0) | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) | - | 0.4 |
| CARBON DISULFIDE | ND (0.2) | ND (0.3) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| CFC-11 | ND (0.4) | ND (0.4) | - | 4.0 |
| CHLOROBENZENE | ND (0.3) | 0.3 | - | 0.4 |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 20 | 24 | - | 26 |
| CUMENE | 1.6 | 1.8 | - | 1.5 |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.3) |
| ETHYLBENZENE | 13 | 16 | - | 17 |
| METHYL ETHYL KETONE | ND (0.9) | ND (1.6) | - | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.3) | ND (0.3) | - | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHYLENE | 1.1 | 1.1 | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.3) | 1.6 | - | 1.3 |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - | ND (0.2) |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (10) | ND (0.3) | - | - |
| ACENAPHTHENE | ND (10) | ND (0.4) | - | - |
| BENZO(A)ANTHRACENE | ND (10) | ND (0.4) | - | - |
| BENZO(A)PYRENE | ND (10) | ND (0.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (10) | ND (0.1) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (10) | 0.7 | - | - |
| DIBENZOFURAN | ND (10) | ND (0.2) | - | - |
| FLUORENE | ND (10) | ND (0.2) | - | - |
| NAPHTHALENE | ND (10) | ND (0.2) | - | - |
| PHENANTHRENE | ND (10) | ND (0.2) | - | - |
| PYRENE | ND (10) | ND (0.2) | - | - |
| METALS | | | | |
| ALUMINUM AS TOTAL | 2760 | 1220 | - | - |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | 3.9 | 10.6 | ND (3.2) | - |
| BARIUM AS TOTAL | 107 | 203 | 82.0 | - |
| BERYLLIUM AS TOTAL | 0.12 | 0.64 | ND (0.30) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | ND (0.40) | - |
| CHROMIUM AS TOTAL | 27600 | 18200 | 7 | - |
| COBALT AS TOTAL | 5.4 | 13.2 | 2.2 | - |
| COPPER AS TOTAL | 131 | 60.4 | 44.2 | - |
| IRON | 37900 | 21400 | ND (3.7) | - |
| LEAD AS TOTAL | 4.9 | 14.3 | ND (2.6) | - |
| MAGNESIUM AS TOTAL | 14500 | 15600 | - | - |
| MANGANESE AS TOTAL | 1200 | 12700 | 11700 | - |
| MERCURY AS TOTAL | ND (0.03) | ND (0.03) | ND (0.03) | - |
| NICKEL AS TOTAL | 17.8 | 29.6 | 8.4 | - |
| POTASSIUM AS TOTAL | 2550 | 4250 | - | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | ND (1.4) | - |
| SODIUM AS TOTAL | 60300 | 77900 | - | - |
| VANADIUM AS TOTAL | 5.8 | 12.2 | ND (2.0) | - |
| ZINC AS TOTAL | 70.8 | 170 | 8.3 | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1221 | ND (0.030) | ND (0.030) | - | - |
| AROCLOR 1232 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1242 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1248 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1254 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1260 | ND (0.020) | ND (0.020) | - | - |

| MW-26 | 10/17/2002 | 01/13/2003 | 09/02/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHYLENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.1) | ND (0.1) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (0.7) | ND (0.7) | - | ND (1.0) |
| BENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 7.5 | 10 | - | 9.2 |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | 1.9 | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.2) | ND (0.2) | - | ND (0.3) |
| METHYLCYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| TRICHLOROETHYLENE | 19 | 21 | - | 8.2 |
| VINYL CHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | 13 | 16 | - | 17 |
| SVOCs | | | | |
| ACENAPHTHENE | ND (0.4) | ND (0.4) | - | - |
| BENZO(A)ANTHRACENE | ND (0.4) | ND (0.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (0.4) | ND (0.4) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (0.4) | ND (0.4) | - | - |
| DIBENZOFURAN | ND (0.4) | 0.2 | - | - |
| FLUORENE | 0.5 | ND (0.4) | - | - |
| NAPHTHALENE | 1.0 | 1.2 | - | - |
| PHENANTHRENE | 0.5 | ND (0.4) | - | - |
| PYRENE | 0.4/0.4 | 1.2 | - | - |
| METALS | ND (10)/ND (10) | ND (10) | - | - |
| ALUMINUM AS TOTAL | 63.2 | 135 | - | - |
| COPPER AS TOTAL | 109 | 199 | - | - |
| LEAD AS TOTAL | 44.4 | 77.2 | - | - |
| ZINC AS TOTAL | 655 | 1260 | - | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1221 | ND (0.030) | ND (0.030) | - | - |
| AROCLOR 1232 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1242 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1248 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1254 | ND (0.020) | ND (0.020) | - | - |
| AROCLOR 1260 | ND (0.020) | ND (0.020) | - | - |

| MW-GR | 09/10/2002 |
|---|---|
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (1.3) |
| 1,1-DICHLOROETHANE | ND (1.4) |
| 1,1-DICHLOROETHYLENE | ND (1.4) |
| 1,2,4-TRICHLOROBENZENE | ND (1.6) |
| 1,2-DICHLOROBENZENE | ND (1.4) |
| 1,2-DICHLOROETHANE | ND (1.5) |
| 1,3-DICHLOROBENZENE | ND (1.6) |
| 1,4-DICHLOROBENZENE | ND (1.5) |
| 4-METHYL-2-PENTANONE | 110 |
| ACETONE | ND (3.6) |
| BENZENE | 2 |
| CARBON DISULFIDE | ND (1.5) |
| CARBON TETRACHLORIDE | ND (1.5) |
| CFC-11 | ND (1.6) |
| CHLOROBENZENE | 11 |
| CHLOROFORM | 10 |
| CIS-1,2-DICHLOROETHENE | ND (2.0) |
| CUMENE | 130 |
| CYCLOHEXANE | ND (1.2) |
| ETHYLBENZENE | 500 |
| METHYL ETHYL KETONE | ND (1.3) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | 5.7 |
| METHYLCYCLOHEXANE | ND (1.2) |
| TETRACHLOROETHENE | 1.7 |
| TOLUENE | ND (1.2) |
| TRANS-1,2-DICHLOROETHENE | ND (1.5) |
| TRICHLOROETHYLENE | ND (1.4) |
| VINYL CHLORIDE | 956 |
| XYLENE (TOTAL) | ND (1.2) |
| SVOCs | |
| ACENAPHTHENE | 11 |
| BENZO(A)ANTHRACENE | ND (0.5) |
| BENZO(A)PYRENE | ND (0.5) |
| FLUORENE | 1.4 |
| NAPHTHALENE | 47 |
| PHENANTHRENE | 2.3 |
| PYRENE | ND (0.2) |
| METALS | |
| ALUMINUM AS TOTAL | 27 |
| COPPER AS TOTAL | 719 |
| LEAD AS TOTAL | 345 |
| ZINC AS TOTAL | 2610 |
| PCBs | |
| AROCLOR 1016 | 0.14 |
| AROCLOR 1221 | 10 |
| AROCLOR 1232 | 0.80 |
| AROCLOR 1242 | 0.43 |
| AROCLOR 1248 | 0.31 |
| AROCLOR 1254 | 0.50 |
| AROCLOR 1260 | 0.22 |

| MW-GI | 09/10/2002 |
|---|---|
| VOCs | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) |
| 1,1-DICHLOROETHYLENE | ND (0.4) |
| 1,2,4-TRICHLOROBENZENE | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.2) |
| 1,4-DICHLOROBENZENE | ND (0.3) |
| 4-METHYL-2-PENTANONE | ND (0.8) |
| ACETONE | ND (3.7) |
| BENZENE | ND (0.3) |
| CARBON DISULFIDE | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) |
| CFC-11 | ND (0.4) |
| CHLOROBENZENE | ND (0.2) |
| CHLOROFORM | ND (0.2) |
| CIS-1,2-DICHLOROETHENE | 3.1 |
| CUMENE | ND (0.2) |
| CYCLOHEXANE | ND (0.4) |
| ETHYLBENZENE | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) |
| METHYL TERTIARY BUTYL ETHER (MTBE) | ND (0.2) |
| METHYLCYCLOHEXANE | ND (0.4) |
| TETRACHLOROETHENE | ND (0.2) |
| TOLUENE | ND (0.2) |
| TRANS-1,2-DICHLOROETHENE | ND (0.3) |
| TRICHLOROETHYLENE | 0.4 |
| VINYL CHLORIDE | ND (0.3) |
| XYLENE (TOTAL) | ND (0.2) |
| METALS | |
| ALUMINUM AS TOTAL | 292 |
| ARSENIC AS TOTAL | ND (3.4) |
| BARIUM AS TOTAL | 35.6 |
| CADMIUM AS TOTAL | ND (0.40) |
| CHROMIUM AS TOTAL | 2.4 |
| COPPER AS TOTAL | 5.6 |
| IRON | 1060 |
| LEAD AS TOTAL | 2.6 |
| MANGANESE AS TOTAL | 256 |
| MERCURY AS TOTAL | ND (0.03) |
| NICKEL AS TOTAL | 12.2 |
| SODIUM AS TOTAL | 24600 |
| ZINC AS TOTAL | 74.3 |

| MW-7 | 10/17/2002 | 09/03/2004 | 09/13/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.5) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.5) | - | ND (0.4) |
| 1,1-DICHLOROETHYLENE | ND (0.6) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | 0.7 | - | 1.0 |
| 1,2-DICHLOROETHANE | ND (0.7) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.5) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | 0.8 | - | 4.2 |
| 4-METHYL-2-PENTANONE | ND (1.6) | - | ND (0.4) |
| ACETONE | 8.2 | - | ND (1.0) |
| BENZENE | ND (0.6) | - | 0.4 |
| CARBON DISULFIDE | ND (0.6) | - | ND (0.3) |
| CARBON TETRACHLORIDE | ND (0.6) | - | ND (0.4) |
| CFC-11 | ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | 0.8 | - | 2.2/2.

| MW-5A | 10/17/2002 | 01/15/2003 | 03/03/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | 0.4 | 0.4 | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 0.8 | 0.5 | - | 0.4 |
| 1,4-DICHLOROBENZENE | 3.0 | 2.8 | - | 0.6 |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | ND (3.7) | - | 4.0 |
| BENZENE | 25 | 27 | - | 29 |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 59 | 71 | - | 79 |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | ND (0.3) | - | - | ND (0.4) |
| CUMENE | 0.9 | 1.1 | - | 1.1 |
| CYCLOHEXANE | ND (0.4) | - | - | ND (0.4) |
| ETHYLBENZENE | 1.1 | 1.2 | - | 1.2 |
| METHYL ETHYL KETONE | 1.8 | 1.9 | - | 1.9 |
| METHYLCYCLOHEXANE | 0.7 | - | - | 0.7 |
| MTBE | ND (0.4) | ND (0.4) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | - | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | - | - | ND (0.4) |
| TRICHLOROETHENE | ND (0.1) | - | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.3) | - | - | ND (0.4) |
| XYLENE (TOTAL) | 3.3 | - | - | ND (0.2) |
| METALS | | | | |
| ANTIMONY | ND (7.8) | ND (5.8) | - | - |
| ARSENIC AS TOTAL | 37.6 | 3.2 | - | - |
| BARIUM AS TOTAL | - | 463 | - | - |
| BERYLLIUM AS TOTAL | 2.2 | ND (0.30) | - | - |
| CADMIUM AS TOTAL | 744 | ND (0.40) | - | - |
| CHROMIUM AS TOTAL | 237 | 2.2 | - | - |
| COBALT AS TOTAL | - | ND (1.7) | - | - |
| COPPER AS TOTAL | 1470 | 23 | - | - |
| LEAD AS TOTAL | 135 | ND (2.6) | - | - |
| MANGANESE AS TOTAL | - | 1130 | - | - |
| MERCURY AS TOTAL | 1.7 | ND (0.10) | - | - |
| NICKEL AS TOTAL | 395 | 23.2 | - | - |
| SILVER AS TOTAL | ND (1.6) | ND (1.4) | - | - |
| THALLIUM AS TOTAL | ND (8.8) | ND (4.7) | - | - |
| VANADIUM AS TOTAL | - | 3.9 | - | - |
| ZINC AS TOTAL | 3470 | 27.7 | - | - |

| MW-4A | 10/17/2002 | 01/13/2003 | 09/02/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | 0.8 | ND (0.3) | - | 0.4 |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | 1.8 | ND (0.2) | - | 0.9 |
| 1,2-DICHLOROBENZENE | 0.5 | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 2.2 | 1.4 | - | 1.0 |
| 1,4-DICHLOROBENZENE | 5.1 | 5.8 | - | 1.5 |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | ND (3.7) | - | 4.2 |
| BENZENE | 0.6 | 0.5 | - | 0.4 |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 3.5 | 3.3 | - | 2.2 |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 10 | 13 | - | 4.4 |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | 0.3 | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | 1.9 |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 1.9 | 2.1 | - | 0.8 |
| VINYL CHLORIDE | 2.6 | 3.1 | - | 0.8 |
| XYLENE (TOTAL) | ND (0.2) | ND (0.2) | - | ND (0.2) |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (33) | ND (5.3) | - | - |
| ACENAPHTHENE | ND (33) | ND (5.4) | - | - |
| BENZO(A)ANTHRACENE | ND (33) | ND (5.4) | - | - |
| BENZO(A)PYRENE | ND (1.0) | ND (5.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (33) | ND (5.1) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (33) | 1.0 | - | - |
| DIBENZOFURAN | ND (33) | ND (5.2) | - | - |
| FLUORENE | 0.3 | ND (5.2) | - | - |
| NAPHTHALENE | 0.8 | 0.2 | - | - |
| PHENANTHRENE | 0.5 | ND (5.2) | - | - |
| PYRENE | ND (33) | ND (5.2) | - | - |
| METALS | | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | 7.2 | ND (3.4) | ND (4.4) | - |
| BARIUM AS TOTAL | - | 945 | - | - |
| BERYLLIUM AS TOTAL | 3.7 | ND (0.30) | ND (0.60) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | ND (0.60) | - |
| CHROMIUM AS TOTAL | 36.9 | ND (2.8) | ND (3.2) | - |
| COBALT AS TOTAL | - | - | ND (1.7) | - |
| COPPER AS TOTAL | 43.6 | 3.6 | 10.5 | - |
| LEAD AS TOTAL | 7.0 | ND (5.2) | ND (2.6) | - |
| MANGANESE AS TOTAL | - | 1340 | - | - |
| MERCURY AS TOTAL | ND (0.10) | ND (0.10) | ND (0.10) | - |
| NICKEL AS TOTAL | 51.9 | 10.9 | 12.3 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70) | ND (2.8) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4) | ND (4.4) | - |
| VANADIUM AS TOTAL | - | - | ND (4.0) | - |
| ZINC AS TOTAL | 119 | 23.0 | 57.7 | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1221 | ND (0.30) | ND (0.30) | - | - |
| AROCLOR 1232 | ND (0.30) | ND (0.30) | - | - |
| AROCLOR 1242 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1248 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1254 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1260 | ND (0.20) | ND (0.20) | - | - |

| MW-5 | 10/17/2002 | 09/03/2004 | 09/13/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (2.6) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (2.7) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (2.6) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (2.5) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (2.6) | - | 0.5 |
| 1,2-DICHLOROETHANE | ND (3.6) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 1.0 | - | 0.6 |
| 1,4-DICHLOROBENZENE | 2.6 | - | 0.6 |
| 4-METHYL-2-PENTANONE | ND (8.2) | - | ND (0.8) |
| ACETONE | ND (7.1) | - | 28 |
| BENZENE | 26 | - | 24 |
| CARBON DISULFIDE | ND (3.0) | - | 0.4 |
| CARBON TETRACHLORIDE | ND (3.0) | - | ND (0.3) |
| CFC-11 | ND (4.1) | - | ND (0.4) |
| CHLOROBENZENE | 38 | - | 30 |
| CHLOROFORM | ND (3.3) | - | ND (0.2) |
| CIS-1,2-DICHLOROETHENE | ND (3.3) | - | ND (0.3) |
| CUMENE | 29 | - | 3.4 |
| CYCLOHEXANE | ND (3.9) | - | ND (0.4) |
| ETHYLBENZENE | 2.5 | - | 2.5 |
| METHYL ETHYL KETONE | ND (2.6) | - | 2.5 |
| METHYLCYCLOHEXANE | ND (2.6) | - | 1.3 |
| MTBE | ND (2.6) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (2.4) | - | ND (0.4) |
| TOLUENE | ND (2.6) | - | 1.2 |
| TRANS-1,2-DICHLOROETHENE | ND (2.3) | - | ND (0.4) |
| TRICHLOROETHENE | ND (2.6) | - | ND (0.4) |
| VINYL CHLORIDE | ND (2.9) | - | ND (0.4) |
| XYLENE (TOTAL) | 9.4 | - | 5.6 |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | 6.0 | ND (3.2) | - |
| BARIUM AS TOTAL | - | 1400 | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.30) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | - |
| CHROMIUM AS TOTAL | 8.6 | 4.7 | - |
| COBALT AS TOTAL | - | ND (1.7) | - |
| COPPER AS TOTAL | 551 | 10.7 | - |
| LEAD AS TOTAL | ND (2.2) | 5.8 | - |
| MANGANESE AS TOTAL | - | 636 | - |
| MERCURY AS TOTAL | ND (0.10) | ND (0.10) | - |
| NICKEL AS TOTAL | 163 | 16.3 | - |
| SILVER AS TOTAL | ND (0.70) | ND (1.4) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | ND (2.0) | - |
| ZINC AS TOTAL | 76.1 | 36.5 | - |

| MW-5A | 10/17/2002 | 01/15/2003 | 09/03/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.5) | ND (0.5) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.5) | ND (0.5) | - | 0.4 |
| 1,1-DICHLOROETHENE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.5) | ND (0.5) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.7) | ND (0.7) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.5) | ND (0.5) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | 2.0 | ND (1.6) | - | 0.6 |
| 4-METHYL-2-PENTANONE | ND (1.6) | ND (1.6) | - | ND (0.4) |
| ACETONE | ND (3.4) | ND (3.4) | - | 3.3 |
| BENZENE | 8.5 | ND (0.6) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.6) | ND (0.6) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| CFC-11 | ND (0.8) | ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | 18 | 1.8 | - | 3.6 |
| CHLOROFORM | 0.5 | 0.7 | - | ND (0.2) |
| CIS-1,2-DICHLOROETHENE | 4.9 | - | - | 4.9 |
| CUMENE | ND (0.4) | ND (0.4) | - | 0.4 |
| CYCLOHEXANE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (3.3) | ND (3.3) | - | ND (1.6) |
| METHYLCYCLOHEXANE | ND (0.5) | ND (0.5) | - | ND (0.2) |
| MTBE | ND (0.5) | ND (0.5) | - | 0.4 |
| TETRACHLOROETHENE | ND (0.5) | ND (0.5) | - | ND (0.4) |
| TOLUENE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | 0.5 | 1.1 | - | ND (0.3) |
| TRICHLOROETHENE | 2.6 | 2.6 | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.6) | ND (0.6) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.4) | ND (0.4) | - | 2.8 |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (33) | ND (5.3) | - | - |
| ACENAPHTHENE | 0.7 | ND (5.4) | - | - |
| BENZO(A)ANTHRACENE | ND (1.0) | ND (5.2) | - | - |
| BENZO(A)PYRENE | ND (1.0) | ND (5.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (33) | ND (5.1) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (33) | 0.2 | - | - |
| DIBENZOFURAN | ND (33) | ND (5.2) | - | - |
| FLUORENE | 0.6 | ND (5.2) | - | - |
| NAPHTHALENE | 2.0 | ND (5.2) | - | - |
| PHENANTHRENE | 0.4 | ND (5.2) | - | - |
| PYRENE | ND (33) | ND (5.2) | - | - |
| METALS | | | | |
| ALUMINUM AS TOTAL | 4270 | - | - | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | - | - |
| BARIUM AS TOTAL | 105 | - | - | - |
| CADMIUM AS TOTAL | ND (0.40) | - | - | - |
| CHROMIUM AS TOTAL | 6.7 | - | - | - |
| COPPER AS TOTAL | 2.2 | - | - | - |
| IRON | 7220 | - | - | - |
| LEAD AS TOTAL | 8.1 | - | - | - |
| MANGANESE AS TOTAL | 1450 | - | - | - |
| MERCURY AS TOTAL | ND (0.10) | - | - | - |
| NICKEL AS TOTAL | 11.6 | - | - | - |
| SODIUM AS TOTAL | 24900 | - | - | - |
| ZINC AS TOTAL | 27.9 | - | - | - |

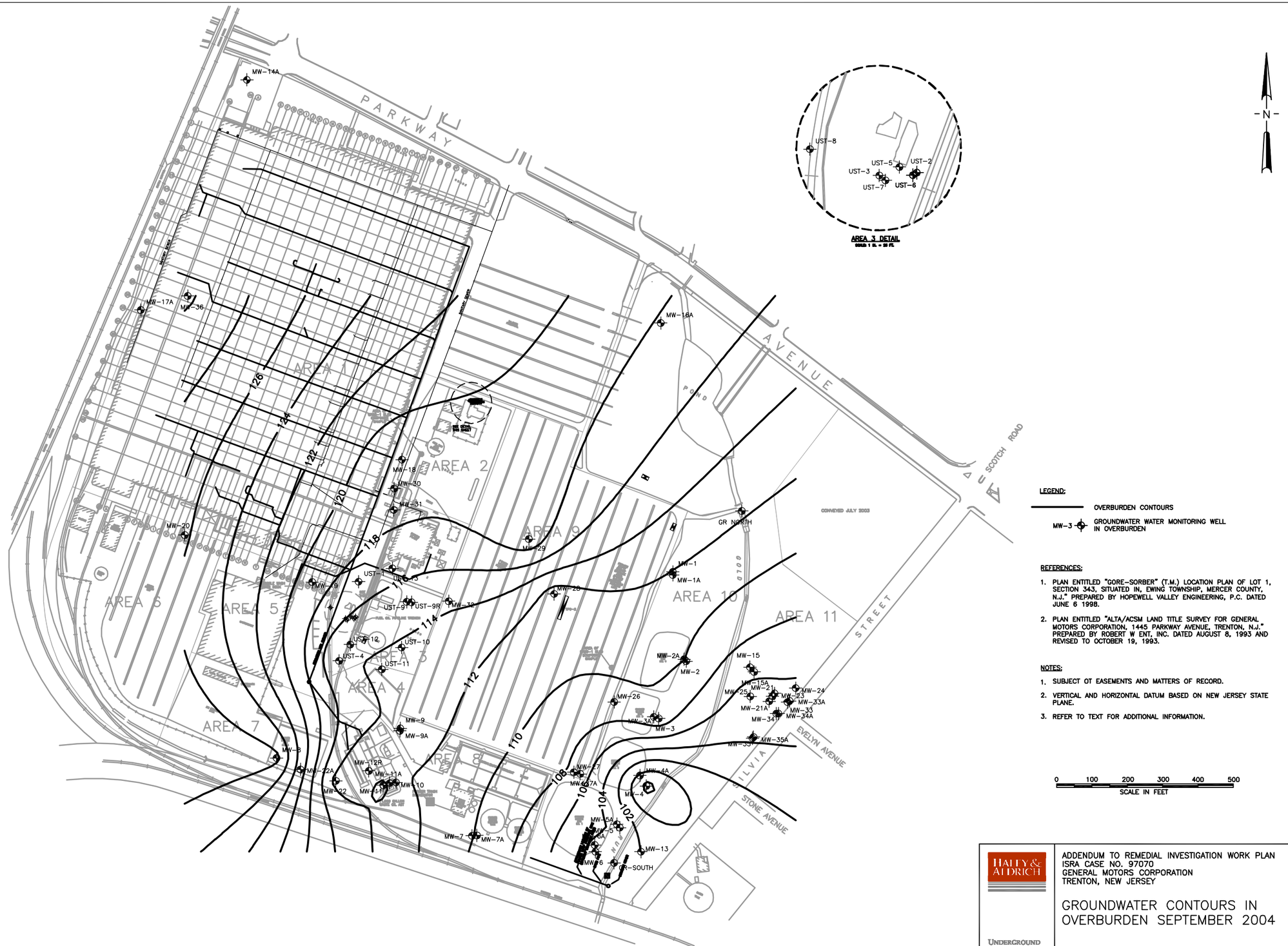
| MW-6 | 10/17/2002 | 09/03/2004 | 09/13/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 9.5 | - | 1.2 |
| 1,4-DICHLOROBENZENE | 9.9 | - | 1.2 |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | - | 8.7 |
| BENZENE | 21 | - | 21 |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 59 | - | 79 |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | ND (0.3) | - | ND (0.4) |
| CUMENE | 0.9 | - | 1.1 |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | 1.1 | - | 1.2 |
| METHYL ETHYL KETONE | 1.8 | - | 1.9 |
| METHYLCYCLOHEXANE | 0.7 | - | 0.7 |
| MTBE | ND (0.4) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.4) |
| TRICHLOROETHENE | ND (0.1) | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.3) | - | ND (0.4) |
| XYLENE (TOTAL) | 3.3 | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (7.8) | ND (5.8) | - |
| ARSENIC AS TOTAL | 37.6 | 3.2 | - |
| BARIUM AS TOTAL | - | 463 | - |
| BERYLLIUM AS TOTAL | 2.2 | ND (0.30) | - |
| CADMIUM AS TOTAL | 237 | 2.2 | - |
| COBALT AS TOTAL | - | ND (1.7) | - |
| COPPER AS TOTAL | 1470 | 23 | - |
| LEAD AS TOTAL | 135 | ND (2.6) | - |
| MANGANESE AS TOTAL | - | 1130 | - |
| MERCURY AS TOTAL | 1.7 | ND (0.10) | - |
| NICKEL AS TOTAL | 395 | 23.2 | - |
| SILVER AS TOTAL | ND (1.6) | ND (1.4) | - |
| THALLIUM AS TOTAL | ND (8.8) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | 3.9 | - |
| ZINC AS TOTAL | 3470 | 27.7 | - |

| MW-6A | 10/17/2002 | 01/15/2003 | 09/03/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 1.0 | 0.8 | - | 0.4 |
| 1,4-DICHLOROBENZENE | 2.0 | ND (1.6) | - | 0.6 |
| 4-METHYL-2-PENTANONE | ND (1.6) | ND (1.6) | - | ND (0.4) |
| ACETONE | ND (3.4) | ND (3.4) | - | 3.3 |
| BENZENE | 8.5 | ND (0.6) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.6) | ND (0.6) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| CFC-11 | ND (0.8) | ND (0.8) | - | ND (0.4) |
| CHLOROBENZENE | 18 | 1.8 | - | 3.6 |
| CHLOROFORM | 0.5 | 0.7 | - | ND (0.2) |
| CIS-1,2-DICHLOROETHENE | 4.9 | - | - | 4.9 |
| CUMENE | ND (0.4) | ND (0.4) | - | 0.4 |
| CYCLOHEXANE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (3.3) | ND (3.3) | - | ND (1.6) |
| METHYLCYCLOHEXANE | ND (0.5) | ND (0.5) | - | ND (0.2) |
| MTBE | ND (0.5) | ND (0.5) | - | 0.4 |
| TETRACHLOROETHENE | ND (0.5) | ND (0.5) | - | ND (0.4) |
| TOLUENE | ND (0.6) | ND (0.6) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | 0.5 | 1.1 | - | ND (0.3) |
| TRICHLOROETHENE | 2.6 | 2.6 | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.6) | ND (0.6) | - | ND (0.4) |
| XYLENE (TOTAL) | ND (0.4) | ND (0.4) | - | 2.8 |
| SVOCs | | | | |
| 2-METHYLNAPHTHALENE | ND (33) | ND (5.3) | - | - |
| ACENAPHTHENE | 0.7 | ND (5.4) | - | - |
| BENZO(A)ANTHRACENE | ND (1.0) | ND (5.2) | - | - |
| BENZO(A)PYRENE | ND (1.0) | ND (5.4) | - | - |
| BENZYL BUTYL PHTHALATE | ND (33) | ND (5.1) | - | - |
| BIS(2-ETHYLHEXYL)PHTHALATE | ND (33) | 0.2 | - | - |
| DIBENZOFURAN | ND (33) | ND (5.2) | - | - |
| FLUORENE | 0.6 | ND (5.2) | - | - |
| NAPHTHALENE | 2.0 | ND (5.2) | - | - |
| PHENANTHRENE | 0.4 | ND (5.2) | - | - |
| PYRENE | ND (33) | ND (5.2) | - | - |
| METALS | | | | |
| ALUMINUM AS TOTAL | 4270 | - | - | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | - | - |
| BARIUM AS TOTAL | 105 | - | - | - |
| CADMIUM AS TOTAL | ND (0.40) | - | - | - |
| CHROMIUM AS TOTAL | 6.7 | - | - | - |
| COPPER AS TOTAL | 2.2 | - | - | - |
| IRON | 7220 | - | - | - |
| LEAD AS TOTAL | 8.1 | - | - | - |
| MANGANESE AS TOTAL | 1450 | - | - | - |
| MERCURY AS TOTAL | ND (0.10) | - | - | - |
| NICKEL AS TOTAL | 11.6 | - | - | - |
| SODIUM AS TOTAL | 24900 | - | - | - |
| ZINC AS TOTAL | 27.9 | - | - | - |

| MW-9 | 10/18/2002 | 01/13/2003 | 09/02/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | 0.6 | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | 0.5 | ND (0.3) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | 0.5 | ND (0.3) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | ND (3.7) | - | 10 |
| BENZENE | ND (0.3) | 0.3 | - | 0.3 |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | 1.4 | 1.4 | - | 0.8 |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 14 | 16 | - | 14 |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| MTBE | 0.7 | ND (0.3) | - | 0.6 |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 1.0 | 1.3 | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.2) | ND (0.2) | - | ND (0.2) |
| METALS | | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | ND (4.4) | - |
| BARIUM AS TOTAL | - | 86.2 | - | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.10) | ND (0.30) | - |
| CADMIUM AS TOTAL | ND (0.40) | ND (0.40) | ND (0.60) | - |
| CHROMIUM AS TOTAL | 3.3 | 2.3 | 4.7 | - |
| COBALT AS TOTAL | - | - | ND (1.7) | - |
| COPPER AS TOTAL | 5.4 | 4.8/5.4 | 4.7 | - |
| LEAD AS TOTAL | ND (2.2) | ND (2.6)/4.7 | ND (2.6) | - |
| MANGANESE AS TOTAL | - | - | 208 | - |
| MERCURY AS TOTAL | ND (0.10) | ND (0.10)/ND (0.10) | ND (0.10) | - |
| NICKEL AS TOTAL | 17.1 | 34.8/36.3 | 7.9 | - |
| SILVER AS TOTAL | ND (0.70) | ND (0.70)/ND (0.70) | ND (0.70) | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.4)/ND (4.4) | ND (4.7) | - |
| VANADIUM AS TOTAL | - | - | ND (2.0) | - |
| ZINC AS TOTAL | 34.4 | 5.9/15.9 | 14.2 | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.20) | ND (0.20) | ND (0.20) | - |
| AROCLOR 1221 | ND (0.30) | ND (0.30)/ND (0.30) | ND (0.30) | - |
| AROCLOR 1232 | ND (0.30) | ND (0.30)/ND (0.30) | ND (0.30) | - |
| AROCLOR 1242 | ND (0.20) | ND (0.20)/ND (0.20) | ND (0.20) | - |
| AROCLOR 1248 | ND (0.20) | ND (0.20)/ND (0.20) | ND (0.20) | - |
| AROCLOR 1254 | ND (0.20) | ND (0.20)/ND (0.20) | ND (0.20) | - |
| AROCLOR 1260 | ND (0.20) | ND (0.20)/ND (0.20) | ND (0.20) | - |

| MW-10 | 10/18/2002 | 01/13/2003 | 09/02/2004 | 09/13/2004 |
|---|---|---|---|---|
| VOCs | | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | ND (3.7) | - | 4.0 |
| BENZENE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| CHLOROFORM | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | ND (0.3) | ND (0.3) | - | ND (0.4) |
| CUMENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 0.4 | ND (0.2) | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.2) | ND (0.2) | - | ND (0.2) |
| METALS | | | | |
| ANTIMONY | ND (3.9) | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (3.4) | ND (4.4) | - |
| BARIUM AS TOTAL | - | 35.9 | - | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.30) | - | - |
| CADMIUM AS TOTAL | 2.9 | 1.0 | - | - |
| CHROMIUM AS TOTAL | 7.5 | ND (1.6) | - | - |
| COBALT AS TOTAL | - | ND (1.7) | - | - |
| COPPER AS TOTAL | 4.2 | ND (3.7) | - | - |
| LEAD AS TOTAL | 3.5 | ND (2.6) | - | - |
| MANGANESE AS TOTAL | - | 1140 | - | - |
| MERCURY AS TOTAL | ND (0.10) | ND (0.10) | - | - |
| NICKEL AS TOTAL | 14.3 | 11.0 | - | - |
| SILVER AS TOTAL | ND (0.70) | ND (1.4) | - | - |
| THALLIUM AS TOTAL | ND (4.4) | ND (4.7) | - | - |
| VANADIUM AS TOTAL | - | ND (2.0) | - | - |
| ZINC AS TOTAL | 8.6 | 10.5 | - | - |
| PCBs | | | | |
| AROCLOR 1016 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1221 | ND (0.30) | ND (0.30) | - | - |
| AROCLOR 1232 | ND (0.30) | ND (0.30) | - | - |
| AROCLOR 1242 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1248 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1254 | ND (0.20) | ND (0.20) | - | - |
| AROCLOR 1260 | ND (0.20) | ND (0.20) | - | - |

| MW-11 | 10/21/2002 | 09/02/2004 | 09/09/2004 |
|---|---|---|---|
| VOCs | | | |
| 1,1,1-TRICHLOROETHANE | ND (0.3) | - | ND (0.3) |
| 1,1-DICHLOROETHANE | ND (0.3) | - | ND (0.4) |
| 1,1-DICHLOROETHENE | ND (0.3) | - | ND (0.3) |
| 1,2,4-TRICHLOROBENZENE | ND (0.2) | - | ND (0.3) |
| 1,2-DICHLOROBENZENE | ND (0.3) | - | ND (0.3) |
| 1,2-DICHLOROETHANE | ND (0.4) | - | ND (0.4) |
| 1,3-DICHLOROBENZENE | ND (0.3) | - | ND (0.4) |
| 1,4-DICHLOROBENZENE | ND (0.3) | - | ND (0.4) |
| 4-METHYL-2-PENTANONE | ND (0.8) | - | ND (0.4) |
| ACETONE | ND (3.7) | - | ND (3.0) |
| BENZENE | ND (0.3) | - | ND (0.3) |
| CARBON DISULFIDE | ND (0.3) | - | ND (0.2) |
| CARBON TETRACHLORIDE | ND (0.3) | - | ND (0.3) |
| CFC-11 | ND (0.4) | - | ND (0.4) |
| CHLOROBENZENE | ND (0.3) | - | ND (0.4) |
| CHLOROFORM | ND (0.2) | - | ND (0.3) |
| CIS-1,2-DICHLOROETHENE | 22 | - | 20 |
| CUMENE | ND (0.2) | - | ND (0.3) |
| CYCLOHEXANE | ND (0.4) | - | ND (0.4) |
| ETHYLBENZENE | ND (0.2) | - | ND (0.3) |
| METHYL ETHYL KETONE | ND (1.6) | - | ND (0.9) |
| METHYLCYCLOHEXANE | ND (0.3) | - | ND (0.2) |
| MTBE | ND (0.3) | - | ND (0.3) |
| TETRACHLOROETHENE | ND (0.2) | - | ND (0.4) |
| TOLUENE | ND (0.2) | - | ND (0.3) |
| TRANS-1,2-DICHLOROETHENE | ND (0.2) | - | ND (0.3) |
| TRICHLOROETHENE | 0.6 | - | ND (0.4) |
| VINYL CHLORIDE | ND (0.2) | - | ND (0.2) |
| METALS | | | |
| ANTIMONY | ND (3.9) | ND (5.8) | - |
| ARSENIC AS TOTAL | ND (3.4) | ND (4.4) | - |
| BARIUM AS TOTAL | - | 1400 | - |
| BERYLLIUM AS TOTAL | ND (0.10) | ND (0.30) | - |
| CADMIUM AS TO




**LEGEND:**

OVERBURDEN CONTOURS

MW-3 GROUNDWATER WATER MONITORING WELL IN OVERBURDEN

**REFERENCES:**

1. PLAN ENTITLED "GORE-SORBER" (T.M.) LOCATION PLAN OF LOT 1, SECTION 343, SITUATED IN, EWING TOWNSHIP, MERCER COUNTY, N.J." PREPARED BY HOPEWELL VALLEY ENGINEERING, P.C. DATED JUNE 6 1998.
2. PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY FOR GENERAL MOTORS CORPORATION, 1445 PARKWAY AVENUE, TRENTON, N.J." PREPARED BY ROBERT W ENT, INC. DATED AUGUST 8, 1993 AND REVISED TO OCTOBER 19, 1993.

**NOTES:**

1. SUBJECT OT EASEMENTS AND MATTERS OF RECORD.
2. VERTICAL AND HORIZONTAL DATUM BASED ON NEW JERSEY STATE PLANE.
3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

ADDENDUM TO REMEDIAL INVESTIGATION WORK PLAN
ISRA CASE NO. 97070
GENERAL MOTORS CORPORATION
TRENTON, NEW JERSEY

# GROUNDWATER CONTOURS IN OVERBURDEN SEPTEMBER 2004

SCALE: AS SHOWN

JANUARY 2005

70613-115 E17 (2004)

FIGURE 10

LEGEND:

GROUNDWATER CONTOURS BEDROCK

MW-3 GROUNDWATER WATER MONITORING WELL IN BEDROCK

REFERENCES:

1. PLAN ENTITLED "GORE-SORBER" (T.M.) LOCATION PLAN OF LOT 1, SECTION 343, SITUATED IN, EWING TOWNSHIP, MERCER COUNTY, N.J." PREPARED BY HOPEWELL VALLEY ENGINEERING, P.C. DATED JUNE 6 1998.
2. PLAN ENTITLED "ALTA/ACSM LAND TITLE SURVEY FOR GENERAL MOTORS CORPORATION, 1445 PARKWAY AVENUE, TRENTON, N.J." PREPARED BY ROBERT W ENT, INC. DATED AUGUST 8, 1993 AND REVISED TO OCTOBER 19, 1993.

NOTES:

1. SUBJECT OT EASEMENTS AND MATTERS OF RECORD.
2. VERTICAL AND HORIZONTAL DATUM BASED ON NEW JERSEY STATE PLANE.
3. REFER TO TEXT FOR ADDITIONAL INFORMATION.

0 100 200 300 400 500
SCALE IN FEET

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UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

ADDENDUM TO REMEDIAL INVESTIGATION WORK PLAN
ISRA CASE NO. 97070
GENERAL MOTORS CORPORATION
TRENTON, NEW JERSEY

# GROUND WATER CONTOURS IN BEDROCK SEPTEMBER 2004

SCALE: AS SHOWN JANUARY 2005

70613-115 E16 (2004)

FIGURE 11

N

## Legend

- SAMPLE LOCATION
- SAMPLE LOCATION LEGACY
- PROPOSED HORIZONTAL DELINEATION SAMPLE LOCATIONS AUGUST 2004
- PROPOSED VERTICAL DELINEATION SAMPLE LOCATIONS AUGUST 2004

0 100 200 400 Feet

GM TRENTON

# PROPOSED DELINEATION SAMPLE LOCATONS

SCALE AS SHOWN

JANUARY 2005

70613 AllAreasProp_2005.mxd

FIGURE 12

# SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
# FORMER DELPHI INTERIOR AND LIGHTING SYSTEMS DIVISION
# GENERAL MOTORS CORPORATION
# TRENTON, NEW JERSEY
# ISRA CASE NO. 97070

**VOLUME III OF III**

**by**

**Haley & Aldrich, Inc.**
**Parsippany, New Jersey**

**for**

**General Motors Corporation**
**Pontiac, Michigan**

**File No. 70613-119**
**14 April 2005**

HALEY & ALDRICH

**APPENDIX A**

**Monitor Well Logs, Forms A and B**

# TEST BORING REPORT

**Boring No. MW-33A**

Project GM-Trenton Trenton, NJ
Client General Motors Corporation
Contractor Summit Drilling, Inc.

File No. 70613-012
Sheet No. 1 of 3
Start July 27, 2004
Finish July 30, 2004
Driller T. Naugle
H&A Rep. J. Knittlel

Elevation 110.4
Datum NAD 1983
Location N 520549.94 E 407245.05

| | Casing | Sampler | Barrel | Drilling Equipment and Procedures |
|---|---|---|---|---|
| Type | HW | S | NQ | Rig Make & Model: Gus Pech 1100 Ar Air Rotary |
| Inside Diameter (in.) | 6 | 1 3/8 | 2 | Bit Type: Cutting Head |
| Hammer Weight (lb.) | Air | 140 | - | Drill Mud: Air |
| Hammer Fall (in.) | | 30 | - | Casing: Drilled, Set, Grouted |
| | | | | Hoist/Hammer: Winch Safety Hammer |

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 3<br>3<br>4<br>3 | S1<br>20" | 0.0<br>2.0 | | | ML | Loose, yellow brown, sandy SILT (ML), no odor, moist | | | | | 30 | 70 | | | | |
| | | | | | 108.4<br>2.0 | | | | | | | | | | | | |
| | 10<br>9<br>11<br>11 | S2<br>18" | 2.0<br>4.0 | | | SM | Medium dense, red brown, silty SAND with gravel (SM), no odor, moist | | 15 | 10 | 40 | 15 | 20 | | | | |
| | 10<br>12<br>9<br>8 | S3<br>16" | 4.0<br>6.0 | | | SM | Medium dense, tan, silty SAND (SM), mps 6 mm, no odor, moist | | | | 40 | 45 | 15 | | | | |
| 5 | 8<br>9<br>12<br>15 | S4<br>16" | 6.0<br>8.0 | | | SM | Medium dense, tan, silty SAND (SM), mps 3 mm, no odor, wet | | | 15 | 50 | 20 | 15 | | | | |
| | 49<br>100/3" | S5<br>8" | 8.0<br>8.8 | | 101.6<br>8.8 | SM | Very dense, tan, silty SAND (SM), mps 3 mm, no odor, moist | | | 15 | 50 | 15 | 20 | | | | |
| 10 | 49<br>100/2" | S6<br>5" | 10.0<br>10.7 | | | SM | Very dense, tan, silty SAND (SM), mps 3 mm, no odor, moist<br>-Decomposed Sandstone- | | | 5 | 25 | 30 | 40 | | | | |
| 15 | 68<br>100/1" | S7<br>5" | 15.0<br>15.6 | | 93.4<br>17.0 | SM | Very dense, tan, silty SAND (SM), mps 3 mm, no odor, moist<br>-Decomposed Sandstone-<br>color change to red | | | 5 | 25 | 30 | 40 | | | | |
| | 2.5 | R1<br>100" | 19.0<br>29.0 | | | | Red brown, completely decomposed, SILTSTONE. | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | |

| Water Level Data | | | | | |
|---|---|---|---|---|---|
| Date | Time | Elapsed Time (hr.) | Depth (ft.) to: Bottom of Casing | Bottom of Hole | Water |
| 8-9-04 | | | 57.0 | | 6.01 |

Sample Identification: O Open End Rod; T Thin Wall Tube; U Undisturbed Sample; S Split Spoon; G Geoprobe

Well Diagram: Riser Pipe; Screen; Filter Sand; Cuttings; Grout; Concrete; Bentonite Seal

Summary
Overburden (lin. ft.) 19
Rock Cored (lin. ft.) 45
Samples S7 & R8

**Boring No. MW-33A**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None; Toughness: L-Low, M-Medium, H-High; Plasticity: N-Nonplastic, L-Low, M-Medium, H-High; Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.

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HALEY & ALDRICH

# TEST BORING REPORT

Boring No. MW-33A
File No. 70613-012
Sheet No. 2 of 3

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 2.5 | | | | 89.4 | | | | | | | | | | | | |
| | 1.5 | | | | 21.0 | | Hard, slightly weathered, red tan, medium grained SANDSTONE. Joint set low angle, close, rough, planar, fresh, open.<br><br>Rec= 100/120" = 83%<br>RQD= 67/120" = 56% | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| 25 | 1.0 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.0 | | | | | | | | | | | | | | | | |
| | 1.0 | | | | | | | | | | | | | | | | |
| | 2.0 | R2 60" | 29.0 34.0 | | | | Medium, slightly weathered, tan, medium grained SANDSTONE. Joint set low angle, moderate, rough, planar, discolored slightly black, open.<br><br>Rec= 60/60" = 100%<br>RQD= 48/60" = 80%<br><br>Vertical fracture from 33' to 34'. Grain size increased to coarse grained by 34'. | | | | | | | | | | |
| 30 | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | R3 59" | 34.0 39.0 | | 75.9 34.5 | | Moderately hard, slightly weathered, red, fine grained SILTSTONE. Joint set low angle, close, rough, stepped, discolored orange-black, open.<br><br>Rec= 59/60" = 98%<br>RQD= 28/60" = 47% | | | | | | | | | | |
| 35 | 1.5 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 1.0 | | | | 72.9 37.5 | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 2.0 | R4 26" | 39.0 44.0 | | | | Moderately hard, slightly weathered, light gray, medium to fine grained SANDSTONE. Joint set low angle, close, rough, stepped, fresh. Secondary joint set near vertical, wide spacing, smooth, planar, discolored black, open.<br><br>Rec= 26/60" = 43%<br>RQD= 9/60" = 15% | | | | | | | | | | |
| 40 | 1.5 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | 66.4 | | | | | | | | | | | | |
| | 2.0 | R5 24" | 44.0 49.0 | | 44.0 | | Medium, moderately weathered, red, fine grained SILTSTONE. Joint set not apparent.<br><br>Rec= 24/60" = 40%<br>RQD= 0/60" = 0% | | | | | | | | | | |
| 45 | 5.0 | | | | | | | | | | | | | | | | |
| | 7.0 | | | | | | | | | | | | | | | | |
| | 4.0 | | | | | | | | | | | | | | | | |
| | 6.0 | | | | 61.4 | | | | | | | | | | | | |
| | 4.0 | R6 | 49.0 | | 49.0 | | | | | | | | | | | | |

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.



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HALEY & ALDRICH

# TEST BORING REPORT

Boring No. MW-33A
File No. 70613-012
Sheet No. 3 of 3

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 3.0 | 55" | 54.0 | | | | Hard, slightly weathered, tan, fine grained SANDSTONE. Joint set low angle, moderate, rough, planar, fresh, tight. Vertical fracture at 52'-54'. | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 3.0 | | | | | | Rec= 55/60" = 92% RQD= 45/60" = 75% | | | | | | | | | | |
| | 3.0 | | | | | | | | | | | | | | | | |
| | 2.0 | R7 59" | 54.0 59.0 | | | | Similar to R6 | | | | | | | | | | |
| 55 | 2.0 | | | | | | Rec= 59/60" = 98% RQD= 25/60" = 42% | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | Steel casing to 57.0'. Openhole from 57.0' - 64.0' | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | R8 54" | 59.0 64.0 | | 50.4 | | Hard, slightly weathered, fine grained SANDSTONE. Joint set, wide, low angle, rough, planar, tight. | | | | | | | | | | |
| 60 | 2.0 | | | | 60.0 | | Bedding fracture at 60.0' | | | | | | | | | | |
| | 2.0 | | | | | | Hard, slightly weathered, medium grained SANDSTONE. Joint set, wide, low angle, rough, planar, tight. | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | Rec= 54/60" = 90% RQD= 37.5/60" = 62% | | | | | | | | | | |
| | | | | | 46.4 | | | | | | | | | | | | |
| | | | | | 64.0 | | Bottom of Exploration at 64.0 ft +- | | | | | | | | | | |

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.



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HALEY & ALDRICH

# TEST BORING REPORT

BORING NO. MW-33

Page 1 of 1

| | | | |
|---|---|---|---|
| PROJECT | GM-TRENTON | H&A FILE NO. | 70613-103 |
| LOCATION | Trenton, NJ | PROJECT MGR. | J. Duncan |
| CLIENT | General Motors Corporation | FIELD REP. | J. Knittel / A. Krishnamoorthy |
| CONTRACTOR | Summit Drilling | DATE STARTED | 7/30/2004 |
| DRILLER | Todd Naugle | DATE FINISHED | 7/30/2004 |

Elevation 110.2 ft. Datum NAD 1983 Boring Location Northing: 520546.92 Easting: 407239.12

| Item | Casing | Sampler | Core Barrel |
|---|---|---|---|
| Type | NA | NA | NA |
| Inside Diameter (in.) | NA | NA | NA |
| Hammer Weight (lb.) | NA | NA | |
| Hammer Fall (in.) | NA | NA | |

Rig Make & Model: Gus Pech 1100 Ar Air Rotary

- [x] Truck
- [ ] ATV
- [ ] Track
- [ ] Skid
- [ ] Tripod
- [ ] Geoprobe
- [ ] Air Track
- [ ] Cat-Head
- [x] Winch
- [ ] Roller Bit
- [x] Cutting Head

Hammer Type: [ ] Safety [ ] Doughnut [ ] Automatic

Drilling Mud: [ ] Bentonite [ ] Polymer [x] Air

Casing Advance: Type Method Depth: NA

Drilling Notes:

| Depth (ft.) | Sampler Blows per 6 in. | Sample No. & Recovery (in.) | Sample Depth (ft.) | Well Diagram | Stratum Change (ft.) | USCS Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretatio | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | **Note: See Boring Log MW-33A for detailed description of soil stratigraphy.** | | | | | | | | | | |
| | | | | | | | Protective Steel Stickup (2.99' stickup above ground surface)<br>Top of Casing (2.67' stickup above ground surface) | | | | | | | | | | |
| 0 | | | | | | | Ground Surface | | | | | | | | | | |
| | | | | | | | Grout Seal: 0.0' to 2.0' below ground surface | | | | | | | | | | |
| | | | | | | | Bentonite Seal: 2.0' to 3.0' below ground surface | | | | | | | | | | |
| | | | | | | | Well sand: up to 3.0' below ground surface | | | | | | | | | | |
| 5 | | | | | | | Screened Interval: 3.5' to 13.5' below ground surface | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | |
| | | | | | | | Bottom of Well at 13.5' below ground surface | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

**Monitor Well Construction Details:**
(Depths are measured from ground surface unless otherwise noted)
Well Depth: 13.5'
Well Depth: 16.17' from T.O.C
Well Diameter: 2" Borehole Diameter: 4"
Solid Riser Interval: 0-3.5' Solid Riser Type: 40 Sch PVC
Screen Interval: 3.5'-13.5' Screen Type: 40 Sch PVC, Slot 10
Gravel Pack Depth: 3.0'-13.5' Gravel Pack Type: #1 Sand
Bentonite Seal: 2.0'-3.0' Grout Type: Concrete/Bentonite Slurry
Grout Depth: 0-2.0'

Well completed with 4" diameter stickup protective riser with lock and internal 2" diameter gripper cap.

**Water Level Data (T.O.C)**

| Date | Time | Elapsed Time (hr.) | Depth in feet to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8/9/2004 | 11:24 | | | | 6.76 |
| | | | | | |
| | | | | | |

**Sample ID**

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

**Well Diagram**

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**

Overburden (Linear ft.) 13.5
Rock Cored (Linear ft.) -
Number of Samples -

BORING NO. MW-33

Field Tests
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Medium H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil Identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

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# TEST BORING REPORT

HALEY & ALDRICH

**Boring No. MW-34A**

Project GM-Trenton Trenton, NJ
Client General Motors Corporation
Contractor Summit Drilling, Inc.

File No. 70613-012
Sheet No. 1 of 3
Start August 2, 2004
Finish August 4, 2004
Driller T. Naugle
H&A Rep. J. Knittel
Elevation 109.6
Datum NAD 1983
Location N 520514.58 E 407213.20

| | Casing | Sampler | Barrel | Drilling Equipment and Procedures |
|---|---|---|---|---|
| Type | HW | S | NQ | Rig Make & Model: Gus Pech 1100 Ar Air Rotary |
| Inside Diameter (in.) | 6 | 1 3/8 | 2 | Bit Type: Cutting Head |
| Hammer Weight (lb.) | Air | 140 | - | Drill Mud: Air |
| Hammer Fall (in.) | | 30 | - | Casing: Drilled, Set, Grouted<br>Hoist/Hammer: Winch Safety Hammer |

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2<br>3<br>5<br>7 | S1<br>12" | 0.0<br>2.0 | | | ML | Loose, light brown, SILT (ML), no odor, moist | | | | | 10 | 90 | | | | |
| | 4<br>7<br>8<br>9 | S2<br>12" | 2.0<br>4.0 | | | ML | Medium dense, orange brown, sandy SILT (ML), mps 4 mm, no odor, moist | | | 10 | 5 | 15 | 70 | | | | |
| 5 | 8<br>15<br>15<br>12 | S3<br>14" | 4.0<br>6.0 | | | ML | Medium dense, red brown, sandy SILT (ML), mps 10 mm, no odor, moist | | | 5 | 10 | 25 | 60 | | | | |
| | | | | | 103.6 | | | | | | | | | | | | |
| | 9<br>7<br>9<br>9 | S4<br>16" | 6.0<br>8.0 | | 6.0 | SM | Medium dense, tan, silty SAND (SM), mps 4 mm, no odor, wet. | | | 50 | 20 | 10 | 20 | | | | |
| | 7<br>17<br>35<br>50/4" | S5<br>18" | 8.0<br>9.8 | | | SM | Very dense, tan, silty SAND (SM), mps 7 mm, no odor, wet | | | 40 | 20 | 15 | 25 | | | | |
| 10 | 40<br>50/4" | S6<br>8" | 10.0<br>10.8 | | | SP-SM | Very dense, tan, poorly-graded SAND with silt (SP-SM), mps 10 mm, no odor, wet | | | 25 | 45 | 20 | 10 | | | | |
| | | | | | 97.6 | | | | | | | | | | | | |
| | | | | | 12.0 | | color change to purple brown.<br><br>-SILTSTONE CUTTINGS- | | | | | | | | | | |
| | 1.0 | R1<br>75" | 14.0<br>22.5 | | 95.1<br>14.5 | | Hard, slightly weathered, tan, fine grained SANDSTONE. Joint set low angle, close to moderately spaced, rough, planar, fresh, open. | | | | | | | | | | |
| 15 | 1.5<br>2.0<br>1.5<br>1.0<br>1.5 | | | | | | Rec= 75/102" = 74%<br>RQD= 59/102" = 58% | | | | | | | | | | |
| 20 | 1.0 | | | | | | | | | | | | | | | | |

**Water Level Data**

| Date | Time | Elapsed Time (hr.) | Depth (ft.) to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8-9-04 | | | 50.0 | | 3.81 |

**Sample Identification**

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

**Well Diagram**

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**

Overburden (lin. ft.) 14
Rock Cored (lin. ft.) 48.5
Samples S6 & R9

**Boring No. MW-34A**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.

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# TEST BORING REPORT

Boring No. MW-34A
File No. 70613-012
Sheet No. 2 of 3

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 1.0 | | | | | | | | | | | | | | | | |
| | 2.0 | R2 57" | 22.5 27.5 | | | | Hard, slightly weathered, tan, fine grained SANDSTONE. Joint set low angle, close to moderately spaced, rough, planar, fresh, open. | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | Rec= 57/60" = 95% | | | | | | | | | | |
| 25 | 2.0 | | | | | | RQD= 36/60" = 60% | | | | | | | | | | |
| | 2.0 | | | | 83.6 | | | | | | | | | | | | |
| | 2.0 | | | | 26.0 | | Strata change observed at 26.0'. | | | | | | | | | | |
| | 2.0 | R3 56 | 27.5 32.5 | | | | Moderately hard, slightly weathered, purple red, fine grained SILTSTONE. Joint set low angle, near vertical, moderately weathered, open. | | | | | | | | | | |
| | 2.0 | | | | 80.6 | | | | | | | | | | | | |
| | 2.0 | | | | 29.0 | | Rec= 56/60" = 93% | | | | | | | | | | |
| 30 | 2.0 | | | | | | RQD= 39/60" = 65% | | | | | | | | | | |
| | 2.0 | | | | | | Hard, slightly weathered, tan, medium, grained SANDSTONE. Joint set low angle, moderate spaced, rough, planar, fresh, open. | | | | | | | | | | |
| | 1 | R4 43" | 32.5 37.5 | | | | Hard, slightly weathered, tan, medium grained SANDSTONE. Joint set low angle, moderately spaced, rough, planar, fresh, open. | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.0 | | | | | | Rec= 43/60" = 72% | | | | | | | | | | |
| 35 | 1.5 | | | | | | RQD= 22/60" = 37% | | | | | | | | | | |
| | 1.5 | | | | 74.1 | | | | | | | | | | | | |
| | 1.5 | | | | 35.5 | | Strata change at 35.5'. | | | | | | | | | | |
| | 1.5 | R5 48" | 37.5 42.5 | | | | Soft to medium hard, moderately weathered, red, fine grained SILTSTONE. Joint set not apparent due to weathering. | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | Rec= 48/60" = 80% | | | | | | | | | | |
| 40 | 2.5 | | | | | | RQD= 13/60" = 22% | | | | | | | | | | |
| | 2.0 | | | | 69.6 | | Rock weathered to soil. Fractures filled with clay sized residual. | | | | | | | | | | |
| | 2.0 | | | | 40.0 | | | | | | | | | | | | |
| | 1.0 | R6 60" | 42.5 47.5 | | | | Hard, slightly weathered, tan, fine grained SANDSTONE. Joint set low angle, moderately spaced, rough planar, fresh, open. | | | | | | | | | | |
| | 1.0 | | | | | | | | | | | | | | | | |
| | 1.0 | | | | | | Rec= 60/60" = 100% | | | | | | | | | | |
| 45 | 1.0 | | | | | | RQD= 37/60" = 62% | | | | | | | | | | |
| | 1.0 | | | | | | | | | | | | | | | | |
| | 1.5 | R7 44" | 47.5 52.5 | | | | Similar to R6 | | | | | | | | | | |
| | 2.0 | | | | | | Rec= 44/60" = 73% | | | | | | | | | | |
| | | | | | | | RQD= 42/60" = 70% | | | | | | | | | | |
| | | | | | | | Vertical fracture at 47.9'. | | | | | | | | | | |

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.



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# TEST BORING REPORT

Boring No. MW-34A
File No. 70613-012
Sheet No. 3 of 3

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | 2.0 | | | | | | Steel casing to 50.0'. | | | | | | | | | | |
| | 2.0 | | | | | | Openhole from 50.0' - 57.0' | | | | | | | | | | |
| | 2.0 | | | | 57.9 | | | | | | | | | | | | |
| | | | | | 51.8 | | Bedding fracture at 51.75'. Fine grained Sandstone above and medium grained Sandstone below. | | | | | | | | | | |
| | 2.0 | R8 60" | 52.5 57.5 | | | | Hard, slightly weathered, tan, medium grained SANDSTONE. Joint set low angle, moderately spaced, rough, planar, fresh, open. | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| 55 | 2.0 | | | | | | Rec= 60/60" = 100% | | | | | | | | | | |
| | 2.0 | | | | | | RQD= 33/60" = 55% | | | | | | | | | | |
| | 2.0 | | | | | | Vertical fracture at 52.5' and 55.5' | | | | | | | | | | |
| | | | | | 52.1 | | | | | | | | | | | | |
| | 2.0 | R9 58" | 57.5 62.5 | | 57.5 | | Strata change observed at 57.5'. | | | | | | | | | | |
| | 2.0 | | | | | | Soft to medium, moderately weathered, red, fine grained SILTSTONE. Joint set low angle, close, smooth, planar, soil filled, tight. | | | | | | | | | | |
| 60 | 2.0 | | | | | | Rec= 58/60" = 97% | | | | | | | | | | |
| | 2.0 | | | | | | RQD= 4/60" = 7% | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | | | | | 47.1 | | | | | | | | | | | | |
| | | | | | 62.5 | | Bottom of Exploration at 62.5 ft +- | | | | | | | | | | |

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.



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# TEST BORING REPORT

BORING NO. MW-34

Page 1 of 1

| | | | |
|---|---|---|---|
| PROJECT | GM-TRENTON | H&A FILE NO. | 70613-103 |
| LOCATION | Trenton, NJ | PROJECT MGR. | J. Duncan |
| CLIENT | General Motors Corporation | FIELD REP. | J. Knittel / A. Krishnamoorthy |
| CONTRACTOR | Summit Drilling | DATE STARTED | 8/4/2004 |
| DRILLER | Todd Naugle | DATE FINISHED | 8/4/2004 |

Elevation 109.1 ft. Datum NAD 1983 Boring Location Northing: 520514.21 Easting: 407207.57

| Item | Casing | Sampler | Core Barrel | Rig Make & Model: Gus Pech 1100 Ar Air Rotary | | | | Hammer Type | Drilling Mud | Casing Advance |
|---|---|---|---|---|---|---|---|---|---|---|
| Type | NA | NA | NA | ☑ Truck | ☐ Tripod | ☐ Cat-Head | | ☐ Safety | ☐ Bentonite | Type Method Depth |
| Inside Diameter (in.) | NA | NA | NA | ☐ ATV | ☐ Geoprobe | ☑ Winch | | ☐ Doughnut | ☐ Polymer | NA |
| Hammer Weight (lb.) | NA | NA | | ☐ Track | ☐ Air Track | ☐ Roller Bit | | ☐ Automatic | ☑ Air | |
| Hammer Fall (in.) | NA | NA | | ☐ Skid | ☐ | ☑ Cutting Head | | Drilling Notes: | | |

| Depth (ft.) | Sampler Blows per 6 in. | Sample No. & Recovery (in.) | Sample Depth (ft.) | Well Diagram | Stratum Change (ft.) | USCS Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretatio | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | Note: See Boring Log MW-34A for detailed description of soil stratigraphy. | | | | | | | | | | |
| | | | | | | | Protective Steel Stickup (3.75' stickup above ground surface) Top of Casing (2.83' stickup above ground surface) | | | | | | | | | | |
| | | | | | | | Ground Surface | | | | | | | | | | |
| | | | | | | | Grout Seal: 0.0' to 1.0' below ground surface | | | | | | | | | | |
| | | | | | | | Well sand: up to 1.0' below ground surface | | | | | | | | | | |
| 5 | | | | | | | Screened Interval: 1.50' to 11.50' below ground surface | | | | | | | | | | |
| 10 | | | | | | | Bottom of Well at 11.50' below ground surface | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

**Monitor Well Construction Details:**
(Depths are measured from ground surface unless otherwise noted)
Well Depth: 11.50'
Well Depth: 14.33' from T.O.C
Well Diameter: 2" Borehole Diameter: 6"
Solid Riser Interval: 0-1.50' Solid Riser Type: 40 Sch PVC
Screen Interval: 1.5'-11.50' Screen Type: 40 Sch PVC, Slot 10
Gravel Pack Depth: 1.0'-11.50' Gravel Pack Type: #1 Sand
Bentonite Seal: NA Grout Type: Concrete/Bentonite Slurry
Grout Depth: 0-1.0'

Well completed with 4" diameter stickup protective riser with lock and internal 2" diameter gripper cap.

**Water Level Data (T.O.C)**

| Date | Time | Elapsed Time (hr.) | Depth in feet to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8/9/2004 | 11:28 | | | | 6.13 |
| | | | | | |
| | | | | | |

**Sample ID**
O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

**Well Diagram**
Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**
Overburden (Linear ft.) 11.5
Rock Cored (Linear ft.) -
Number of Samples -
BORING NO. MW-34

**Field Tests**
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

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# TEST BORING REPORT

**Boring No. MW-35A**

Project GM-Trenton Trenton, NJ
Client General Motors Corporation
Contractor Summit Drilling, Inc.

File No. 70613-012
Sheet No. 1 of 2
Start August 5, 2004
Finish August 6, 2004
Driller T. Naugle
H&A Rep. J. Knittlel
Elevation 107.1
Datum NAD 1983
Location N 520447.89 E 407143.05

| | Casing | Sampler | Barrel | Drilling Equipment and Procedures |
|---|---|---|---|---|
| Type | HW | S | NQ | Rig Make & Model: Gus Pech 1100 Ar Air Rotary |
| Inside Diameter (in.) | 6 | 1 3/8 | 2 | Bit Type: Cutting Head |
| Hammer Weight (lb.) | Air | 140 | - | Drill Mud: Air |
| Hammer Fall (in.) | | 30 | - | Casing: Drilled, Set, Grouted |
| | | | | Hoist/Hammer: Winch Safety Hammer |

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 2<br>4<br>4<br>5 | S1<br>8" | 0.0<br>2.0 | | | ML | Loose, light brown, SILT (ML), roots, organics, no odor, wet | | | | | 5 | 95 | | | | |
| | 16<br>16<br>16<br>11 | S2<br>20" | 2.0<br>4.0 | | 105.1<br>2.0 | SM | Dense, red brown, silty Sand with gravel (SM), mps 3/4", no odor, moist | | 25 | 5 | 40 | 10 | 20 | | | | |
| 5 | 12<br>7<br>9<br>8 | S3<br>15" | 4.0<br>6.0 | | | SM | Medium dense, tan, silty SAND (SM), mps 1 mm, no odor, wet | | | | | 75 | 25 | | | | |
| | 9<br>7<br>11<br>13 | S4<br>12" | 6.0<br>8.0 | | | SM | Medium dense, light brown, silty SAND (SM), mps 2 mm, no odor, wet | | | | 5 | 65 | 30 | | | | |
| | 10<br>17<br>17<br>25 | S5<br>13" | 8.0<br>10.0 | | 97.1 | SM | Dense, tan, silty SAND (SM), mps 1 mm, no odor, wet | | | | | 70 | 30 | | | | |
| 10 | 26<br>25<br>50/5" | S6<br>6" | 10.0<br>11.5 | | 10.0<br>95.6 | SM | Very dense, tan, silty SAND (SM), mps 1 mm, no odor, wet<br>-Decomposed Sandstone- | | | | | 70 | 30 | | | | |
| | 2.0<br>2.0<br>2.0 | R1<br>36" | 12.0<br>22.0 | | 11.5<br>92.6 | | Soft, highly weathered, red, fine grained SILTSTONE. Joint set low angle, very close, decomposed, open.<br><br>Rec= 36/120" = 30%<br>RQD= 0/120" = 0% | | | | | | | | | | |
| 15 | 2.0<br>2.0<br>2.0<br>2.0<br>2.0<br>2.0 | | | | 14.5 | | Soft, highly weathered, tan, medium grained SANDSTONE. Joint set low angle, very close, rough, planar, decomposed, open. | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | |

**Water Level Data**

| Date | Time | Elapsed Time (hr.) | Depth (ft.) to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8-9-04 | | | 37.0 | | 3.58 |

**Sample Identification**

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon
G Geoprobe

**Well Diagram**

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**

Overburden (lin. ft.) 12
Rock Cored (lin. ft.) 35
Samples S6 & R4

**Boring No. MW-35A**

Field Tests: Dilatancy: R-Rapid, S-Slow, N-None
Toughness: L-Low, M-Medium, H-High
Plasticity: N-Nonplastic, L-Low, M-Medium, H-High
Dry Strength: N-None, L-Low, M-Medium, H-High, V-Very High

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.

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# TEST BORING REPORT

Boring No. MW-35A
File No. 70613-012
Sheet No. 2 of 2

| Depth (ft.) | SPT[1] | Sample No. & Rec. (in.) | Sample Depth (ft.) | Well Diagram | Elev./Depth (ft.) | USCS Symbol | Visual-Manual Identification and Description (Density/consistency, color, GROUP NAME, max. particle size[2], structure, odor, moisture, optional descriptions, geologic interpretation) | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20 | 2.0 | | | | | | | | | | | | | | | | |
| | 1.5 | R2 100" | 22.0 32.0 | | 84.1 | | | | | | | | | | | | |
| | 2.0 | | | | 23.0 | | Medium to moderately hard, moderately weathered, red, fine grained SILTSTONE. Joint set low angle, very close, smooth, planar, decomposed, open. | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| 25 | 2.0 | | | | | | Rec= 100/120" = 83% RQD= 4/120" = 3% | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| 30 | 2.0 | | | | | | | | | | | | | | | | |
| | | | | | 75.1 | | | | | | | | | | | | |
| | 1.5 | R3 116" | 32.0 42.0 | | 32.0 | | Hard, slightly weathered, tan, medium grained SANDSTONE. Joint set close, low angle, rough, planar, yellow discoloration, open. | | | | | | | | | | |
| | 1.5 | | | | | | Rec= 116/120" = 97% RQD= 86/120" = 71% | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| 35 | 1.5 | | | | | | | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | Steel casing to 37.0'. Open hole from 37.0' to 42.0' | | | | | | | | | | |
| | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | | | vertical fracture at 39.0'. | | | | | | | | | | |
| | 2.0 | | | | 67.1 | | | | | | | | | | | | |
| 40 | 2.0 | | | | 40.0 | | Bedding fracture at 40.0'. Medium grained Sandstone above, coarse grained Sandstone below. | | | | | | | | | | |
| | | | | | 65.1 | | | | | | | | | | | | |
| | 2.0 | R4 40" | 42.0 47.0 | | 42.0 | | Moderately hard, moderately weathered, red, fine grained SILTSTONE. Joint set low angle, very close to close, smooth, planar, white yellow pink discoloration, some decomposed, open. | | | | | | | | | | |
| | 2.5 | | | | | | Rec= 40/60" = 67% RQD= 12/60" = 20% | | | | | | | | | | |
| | 1.5 | | | | | | | | | | | | | | | | |
| 45 | 2.0 | | | | | | | | | | | | | | | | |
| | 2.0 | | | | 60.1 | | | | | | | | | | | | |
| | | | | | 47.0 | | Bottom of Exploration at 47.0 ft +- | | | | | | | | | | |

[1]SPT = Sampler blows per 6 in. [2]Maximum particle size is determined by direct observation within the limitations of sampler size.



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# TEST BORING REPORT

BORING NO. MW-35

Page 1 of 1

| | | | |
|---|---|---|---|
| PROJECT | GM-TRENTON | H&A FILE NO. | 70613-103 |
| LOCATION | Trenton, NJ | PROJECT MGR. | J. Duncan |
| CLIENT | General Motors Corporation | FIELD REP. | J. Knittel / A. Krishnamoorthy |
| CONTRACTOR | Summit Drilling | DATE STARTED | 8/6/2004 |
| DRILLER | Todd Naugle | DATE FINISHED | 8/6/2004 |

Elevation 106.8 ft. Datum NAD 1983 Boring Location Northing: 520444.95 Easting: 407139.98

| Item | Casing | Sampler | Core Barrel |
|---|---|---|---|
| Type | NA | NA | NA |
| Inside Diameter (in.) | NA | NA | NA |
| Hammer Weight (lb.) | NA | NA | |
| Hammer Fall (in.) | NA | NA | |

Rig Make & Model: Gus Pech 1100 Ar Air Rotary

☑ Truck ☐ Tripod ☐ Cat-Head
☐ ATV ☐ Geoprobe ☑ Winch
☐ Track ☐ Air Track ☐ Roller Bit
☐ Skid ☑ Cutting Head

Hammer Type: ☐ Safety ☐ Doughnut ☐ Automatic

Drilling Mud: ☐ Bentonite ☐ Polymer ☑ Air

Casing Advance: Type Method Depth: NA

Drilling Notes:

| Depth (ft.) | Sampler Blows per 6 in. | Sample No. & Recovery (in.) | Sample Depth (ft.) | Well Diagram | Stratum Change (ft.) | USCS Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretatio | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Field Test Toughness | Field Test Plasticity | Field Test Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | Note: See Boring Log MW-35A for detailed description of soil stratigraphy. | | | | | | | | | | |
| | | | | | | | Protective Steel Stickup (3.11' stickup above ground surface) Top of Casing (2.34' stickup above ground surface) | | | | | | | | | | |
| | | | | | | | Ground Surface | | | | | | | | | | |
| | | | | | | | Grout Seal: 0.0' to 1.2' below ground surface | | | | | | | | | | |
| | | | | | | | Well sand: up to 1.12' below ground surface | | | | | | | | | | |
| | | | | | | | Screened Interval: 1.62' to 9.62' below ground surface | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | Bottom of Well at 9.62' below ground surface | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |

**Monitor Well Construction Details:**
(Depths are measured from ground surface unless otherwise noted)

| | |
|---|---|
| Well Depth: 9.62' | |
| Well Depth: 11.96' from T.O.C | |
| Well Diameter: 2" | Borehole Diameter: 6" |
| Solid Riser Interval: 0-1.62' | Solid Riser Type: 40 Sch PVC |
| Screen Interval: 1.62'-9.62' | Screen Type: 40 Sch PVC, Slot 10 |
| Gravel Pack Depth: 1.12'-9.62' | Gravel Pack Type: #1 Sand |
| Bentonite Seal: NA | Grout Type: Concrete/Bentonite Slurry |
| Grout Depth: 0-1.12' | |

Well completed with 6" diameter stickup protective riser with lock and internal 2" diameter gripper cap.

**Water Level Data (T.O.C)**

| Date | Time | Elapsed Time (hr.) | Depth in feet to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8/9/2004 | 11:32 | | | | 4.02 |
| | | | | | |
| | | | | | |

**Sample ID**

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

**Well Diagram**

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**

| | |
|---|---|
| Overburden (Linear ft.) | 9.62 |
| Rock Cored (Linear ft.) | - |
| Number of Samples | - |

BORING NO. MW-35

Field Tests
Dilatancy: R - Rapid S - Slow N - None
Toughness: L - Low M - Medium H - High
Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

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HALEY & ALDRICH

# TEST BORING REPORT

BORING NO. MW-36

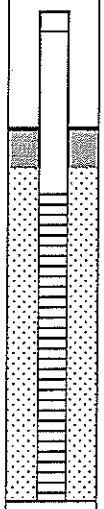
Page 1 of 1

| | | | |
|---|---|---|---|
| PROJECT | GM-TRENTON | H&A FILE NO. | 70613-103 |
| LOCATION | Trenton, NJ | PROJECT MGR. | J. Duncan |
| CLIENT | General Motors Corporation | FIELD REP. | J. Knittel / A. Krishnamoorthy |
| CONTRACTOR | Summit Drilling | DATE STARTED | 8/9/2004 |
| DRILLER | Todd Naugle | DATE FINISHED | 8/9/2004 |

Elevation 134.8 ft. | Datum NAD 1983 | Boring Location Northing: 521696.05 Easting: 405542.32

| Item | Casing | Sampler | Core Barrel | Rig Make & Model: Gus Pech 1100 Ar Air Rotary | Hammer Type | Drilling Mud | Casing Advance |
|---|---|---|---|---|---|---|---|
| Type | NA | NA | NA | ☑ Truck ☐ Tripod ☐ Cat-Head | ☐ Safety | ☐ Bentonite | Type Method Depth |
| Inside Diameter (in.) | NA | NA | NA | ☐ ATV ☐ Geoprobe ☑ Winch | ☐ Doughnut | ☐ Polymer | NA |
| Hammer Weight (lb.) | NA | NA | | ☐ Track ☐ Air Track ☐ Roller Bit | ☐ Automatic | ☑ Air | |
| Hammer Fall (in.) | NA | NA | | ☐ Skid ☑ Cutting Head | Drilling Notes: | | |

| Depth (ft.) | Sampler Blows per 6 in. | Sample No. & Recovery (in.) | Sample Depth (ft.) | Well Diagram | Stratum Change (ft.) | USCS Symbol | Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretatio | Gravel % Coarse | Gravel % Fine | Sand % Coarse | Sand % Medium | Sand % Fine | % Fines | Field Test Dilatancy | Toughness | Plasticity | Strength |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | Note: See Boring Log PL-10 for detailed description of soil stratigraphy. | | | | | | | | | | |
| | | | | | | | Protective Steel Stickup (2.99' stickup above ground surface)<br>Top of Casing (2.25' stickup above ground surface) | | | | | | | | | | |
| | | | | | | | Ground Surface<br>Grout Seal: 0.0' to 1.1' below ground surface<br>Well sand: up to 1.1' below ground surface | | | | | | | | | | |
| 5 | | | | | | | Screened Interval: 1.1' to 6.6' below ground surface | | | | | | | | | | |
| 10 | | | | | | | Bottom of Well at 6.6' below ground surface | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | |



**Monitor Well Construction Details:**
(Depths are measured from ground surface unless otherwise noted)
Well Depth: 6.6'
Well Depth: 8.85' from T.O.C
Well Diameter: 2" Borehole Diameter: 6"
Solid Riser Interval: 0-1.1' Solid Riser Type: 40 Sch PVC
Screen Interval: 1.1'-6.6' Screen Type: 40 Sch PVC, Slot 10
Gravel Pack Depth: 1.1'-6.6' Gravel Pack Type: #1 Sand
Bentonite Seal: NA Grout Type: Concrete/Bentonite Slurry
Grout Depth: 0-1.11'

Well completed with 6" diameter stickup protective riser with lock and internal 2" diameter gripper cap.

**Water Level Data (T.O.C)**

| Date | Time | Elapsed Time (hr.) | Depth in feet to: Bottom of Casing | Bottom of Hole | Water |
|---|---|---|---|---|---|
| 8/9/2004 | 11:32 | | | | 4.02 |
| | | | | | |
| | | | | | |

**Sample ID**

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

**Well Diagram**

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

**Summary**

| | |
|---|---|
| Overburden (Linear ft.) | 6.6 |
| Rock Cored (Linear ft.) | - |
| Number of Samples | - |

BORING NO. MW-36

Field Tests: Dilatancy: R - Rapid S - Slow N - None | Plasticity: N - Nonplastic L - Low M - Medium H - High
Toughness: L - Low M - Medium H - High | Dry Strength: N - None L - Low M - Medium H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

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## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

Well Permit Number: 2700017173 Owner's Well Number MW-33
Well Completion Date: 7/30/04 Lithologic Log: Attach

| | |
|---|---|
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.67 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 16 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 6.17 |
| Screen Length (or length of open hole) in feet: | 10.0 |
| Screen or Slot Size: | .010" |
| Screen or Slot Material: | PVC |
| Casing Material: (PVC, Steel or Other-Specify): | PVC |
| Casing Diameter (inches): | 2" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 6.76 |
| Yield (gallons per minute): | .5 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

### Authentication

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Jeffrey L. Duncan
Name (Type or Print)

Signature

GE28969
Certification or License No.

Seal

Certification by Executive Officer or Duly Authorized Representative:

Marilyn J. Dedyne — Signature — 11/29/05

Name (Type or Print) Signature Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

Well Permit Number: 2700017174 Owner's Well Number MW-33A
Well Completion Date: 7-30-04 Lithologic Log: Attach

| | |
|---|---|
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.76 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 67 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 59.76 |
| Screen Length (or length of open hole) in feet: | 7.0 |
| Screen or Slot Size: | open hole |
| Screen or Slot Material: | open hole |
| Casing Material: (PVC, Steel or Other-Specify): | steel |
| Casing Diameter (inches): | 6" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 8.77 |
| Yield (gallons per minute): | .5 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

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Marilyn J. Dedyne
Name (Type or Print)

Signature

11 APR 05
Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

| | |
|---|---|
| Well Permit Number: 2700017175 | Owner's Well Number MW-34 |
| Well Completion Date: 8/4/04 | Lithologic Log: Attach |
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.83 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 14 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 4.33 |
| Screen Length (or length of open hole) in feet: | 10.0 |
| Screen or Slot Size: | .010" |
| Screen or Slot Material: | PVC |
| Casing Material: (PVC, Steel or Other-Specify): | PVC |
| Casing Diameter (inches): | 2" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 6.13 |
| Yield (gallons per minute): | .05 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

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Name (Type or Print)

Signature

GE28969
Certification or License No.

Seal

Certification by Executive Officer or Duly Authorized Representative:

Marilyn J. Dedyne — Signature — 11 Apr 05

Name (Type or Print) Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

| | |
|---|---|
| Well Permit Number: 2700017176 | Owner's Well Number MW-34A |
| Well Completion Date: 8/4/04 | Lithologic Log: Attach |
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.32 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 59 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 52.32 |
| Screen Length (or length of open hole) in feet: | 7.0 |
| Screen or Slot Size: | open hole |
| Screen or Slot Material: | open hole |
| Casing Material: (PVC, Steel or Other-Specify): | steel |
| Casing Diameter (inches): | 6" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 6.13 |
| Yield (gallons per minute): | .5 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

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Signature

GE28969 — Certification or License No.

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Certification by Executive Officer or Duly Authorized Representative:

Marilyn J. Dedyne — Name (Type or Print)

Signature

11 Apr 05 — Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

Well Permit Number: 2700017177 Owner's Well Number MW-35
Well Completion Date: 8/6/04 Lithologic Log: Attach

| | |
|---|---|
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.34 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 14 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 3.96 |
| Screen Length (or length of open hole) in feet: | 8.0 |
| Screen or Slot Size: | .010" |
| Screen or Slot Material: | PVC |
| Casing Material: (PVC, Steel or Other-Specify): | PVC |
| Casing Diameter (inches): | 2" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 4.02 |
| Yield (gallons per minute): | .5 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

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Marilyn J. Dedyne Marilyn Dedyne 11 Apr 05
Name (Type or Print) Signature Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

Well Permit Number: 2700017178 Owner's Well Number MW-35A
Well Completion Date: 8/6/04 Lithologic Log: Attach

| | |
|---|---|
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.67 (stick-up) |
| Total Depth of Well to the nearest 1/2 foot: | 45 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 39.67 |
| Screen Length (or length of open hole) in feet: | 5.0 |
| Screen or Slot Size: | open hole |
| Screen or Slot Material: | open hole |
| Casing Material: (PVC, Steel or Other-Specify): | steel |
| Casing Diameter (inches): | 6" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 6.25 |
| Yield (gallons per minute): | .5 |
| Development Technique (specify): | submersible pump |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 30 Minutes |

### Authentication

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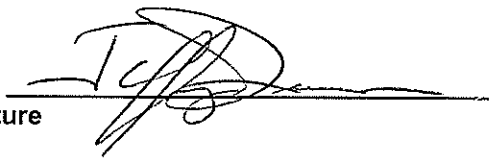
Technical Certification:

Jeffrey L. Duncan
Name (Type or Print)

Signature



GE28969
Certification or License No.

Seal

Certification by Executive Officer or Duly Authorized Representative:

Marilyn J. Dedyne Marilyn Dedyne 11/4/05
Name (Type or Print) Signature Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

## MONITORING WELL CERTIFICATION - FORM A - AS-BUILT CERTIFICATION

Name of Owner: General Motors Corporation
Name of Facility: Former Delphi Facility
Location: Trenton, NJ
UST Registration No.: N/A BUST case No.: N/A

### CERTIFICATION

Well Permit Number: 2700017179 Owner's Well Number MW-36
Well Completion Date: 8/9/04 Lithologic Log: Attach

| | |
|---|---|
| Distance from Top of Casing (cap off) to ground surface (one-hundredth of a foot): | 2.25 |
| Total Depth of Well to the nearest 1/2 foot: | 9.0 |
| Depth to Top of Screen (or Top of Open Hole) From Top of Casing (one-hundredth of a foot): | 3.35 |
| Screen Length (or length of open hole) in feet: | 5.5 |
| Screen or Slot Size: | .010" |
| Screen or Slot Material: | PVC |
| Casing Material: (PVC, Steel or Other-Specify): | PVC |
| Casing Diameter (inches): | 2" |
| Static Water Level From Top of Casing at the Time of Installation (one-hundredth of a foot): | 4.02 |
| Yield (gallons per minute): | .2 |
| Development Technique (specify): | submersible |
| Length of Time Well is Developed/Pumped or Bailed: | Hours 10 Minutes |

### Authentication

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Technical Certification:

Jeffrey L. Duncan — Name (Type or Print)
Signature

GE28969 — Certification or License No.
Seal

Certification by Executive Officer or Duly Authorized Representative:

Marilyn J. Dedyne — Name (Type or Print)
Signature
11 Apr 05 — Date

Title: Vice President
GM Environmental
Corporate Remediation
Company, Inc.

THIS FORM MUST BE COMPLETED BY THE PERMITTEE OR HIS/HER AGENT

GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): This number must be permanently affixed to the well casing. _____

Longitude (one-hundredth of a second): West 74°48'14.99" NAD 83

Latitude (one-hundredth of a second): North 40°15'43.73" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 113.16' NAVD 88

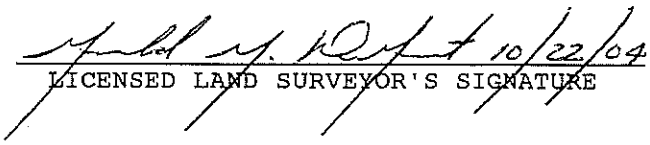
Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): N/A NAVD 88

Owners Well Number (As shown on the application or plans): MW-33A

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



10/22/04

LICENSED LAND SURVEYOR'S SIGNATURE

Gerald G. DeGroat, L.S.

LICENSED LAND SURVEYOR'S NAME
(Please print or type)

SEAL

N.J. L.S. NO. 26791

LAND SURVEYOR'S LICENSE #

90 WHERLI ROAD, LONG VALLEY, N.J. 07853
(908) 852-5039

THIS FORM MUST BE COMPLETED BY THE PERMITTEE OR HIS/HER AGENT

GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): _____
This number must be permanently affixed to the well casing.

Longitude (one-hundredth of a second): West 74°48'15.06" NAD 83

Latitude (one-hundredth of a second): North 40°15'43.70" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 113.19' NAVD 88

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): 112.87' NAVD 88

Owners Well Number (As shown on the application or plans): MW-33

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

10/22/04
LICENSED LAND SURVEYOR'S SIGNATURE

Gerald G. DeGroat, L.S.
LICENSED LAND SURVEYOR'S NAME
(Please print or type)

SEAL

N.J. L.S. NO. 26791
LAND SURVEYOR'S LICENSE #

90 WHERLI ROAD, LONG VALLEY, N.J. 07853
(908) 852-5039

THIS FORM MUST BE COMPLETED BY THE PERMITTEE OR HIS/HER AGENT

GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): This number must be permanently affixed to the well casing. _____

Longitude (one-hundredth of a second): West 74°48'15.39" NAD 83

Latitude (one-hundredth of a second): North 40°15'43.38" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 111.92' NAVD 88

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): N/A NAVD 88

Owners Well Number (As shown on the application or plans): MW-34A

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

10/22/04

LICENSED LAND SURVEYOR'S SIGNATURE

Gerald G. DeGroat, L.S.

LICENSED LAND SURVEYOR'S NAME
(Please print or type)

SEAL

N.J. L.S. NO. 26791

LAND SURVEYOR'S LICENSE #

90 WHERLI ROAD, LONG VALLEY, N.J. 07853
(908) 852-5039

THIS FORM MUST BE COMPLETED BY THE PERMITTEE OR HIS/HER AGENT

GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): _____
This number must be permanently affixed to the well casing.

Longitude (one-hundredth of a second): West 74°48'15.47" NAD 83

Latitude (one-hundredth of a second): North 40°15'43.37" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 112.85' NAVD 88

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): 111.93' NAVD 88

Owners Well Number (As shown on the application or plans): MW-34

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

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LAND SURVEYOR'S LICENSE #

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GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): _____
This number must be permanently affixed to the well casing.

Longitude (one-hundredth of a second): West 74°48'16.30" NAD 83

Latitude (one-hundredth of a second): North 40°15'42.72" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 109.77' NAVD 88

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): N/A NAVD 88

Owners Well Number (As shown on the application or plans): MW-35A

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

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(908) 852-5039

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GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): _____
This number must be permanently affixed to the well casing.

Longitude (one-hundredth of a second): West 74°48'16.34" NAD 83

Latitude (one-hundredth of a second): North 40°15'42.69" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 109.91' NAVD 88

Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): 109.14' NAVD 88

Owners Well Number (As shown on the application or plans): MW-35

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

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LAND SURVEYOR'S LICENSE #

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(908) 852-5039

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GROUND WATER MONITORING WELL CERTIFICATION - FORM B - LOCATION CERTIFICATION

Name of Permittee: GENERAL MOTORS WORLDWIDE FACILITY GROUP

Name of Facility: FORMER DELPHI INTERIOR & LIGHT

Location: 1445 PARKWAY AVENUE, EWING TOWNSHIP, MERCER COUNTY, N.J.

NJPDES Number: _____

LAND SURVEYOR'S CERTIFICATION

Well Permit Number (As assigned by NJDEP's Water Allocation Section, 609-984-6831): _____
This number must be permanently affixed to the well casing.

Longitude (one-hundredth of a second): West 74°48'37.00" NAD 83

Latitude (one-hundredth of a second): North 40°15'55.00" NAD 83

Elevation of Top of Casing (cap off) (one-hundredth of a foot): 137.79' NAVD 88

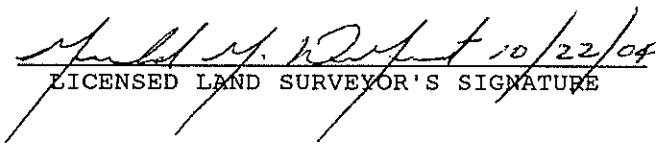
Elevation of Top of PVC or Collar (cap off) (one-hundredth of a foot): 137.05' NAVD 88

Owners Well Number (As shown on the application or plans): MW-36

Bench Mark N.J.G.S. MON. 11 B 1 Elevation 131.49' NAVD 88

AUTHENTICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.



10/22/04

LICENSED LAND SURVEYOR'S SIGNATURE

Gerald G. DeGroat, L.S.
LICENSED LAND SURVEYOR'S NAME
(Please print or type)

SEAL

N.J. L.S. NO. 26791
LAND SURVEYOR'S LICENSE #

90 WHERLI ROAD, LONG VALLEY, N.J. 07853
(908) 852-5039

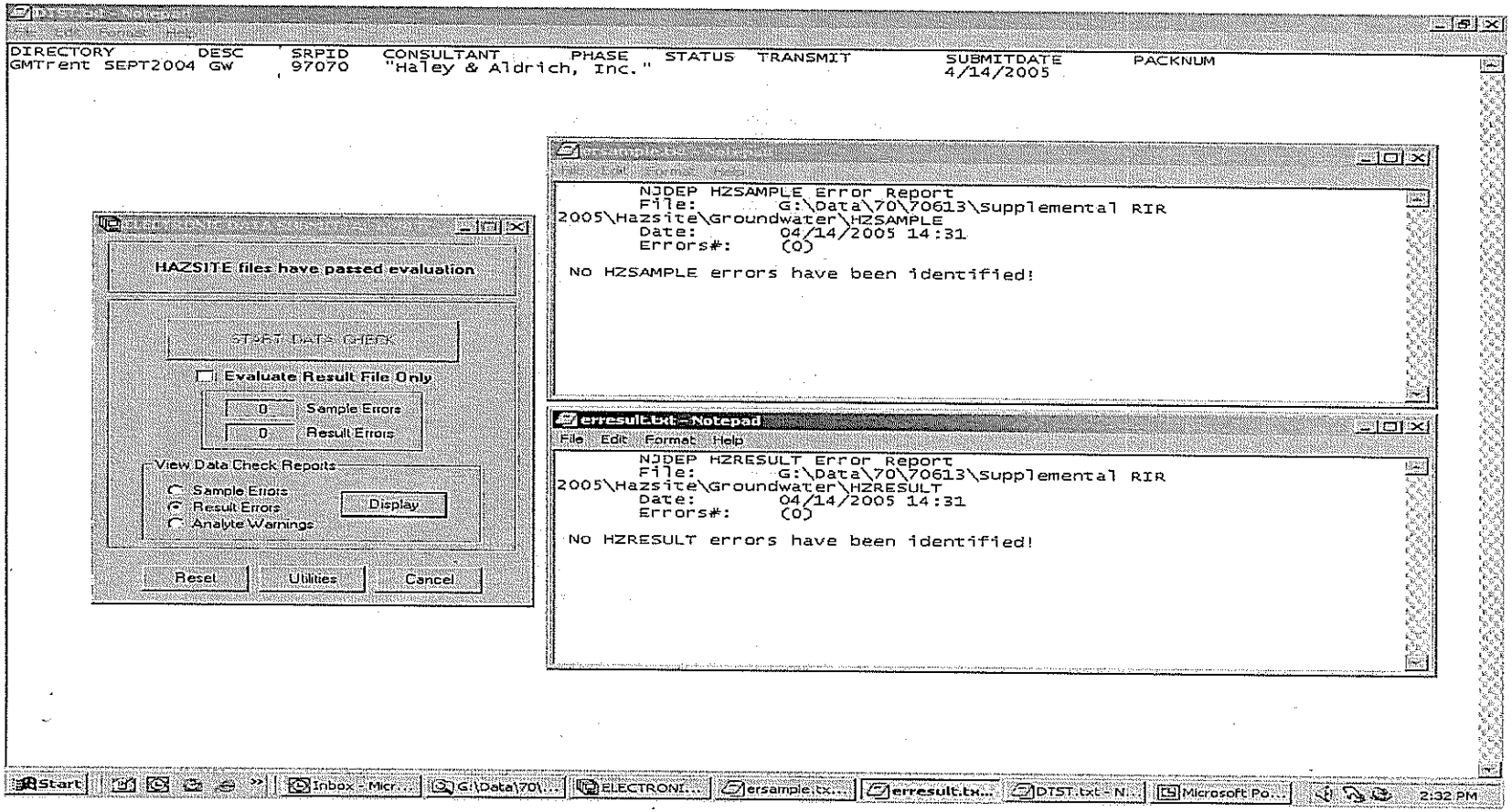
**APPENDIX B**

**Analytical Reports (.pdf on CD)**

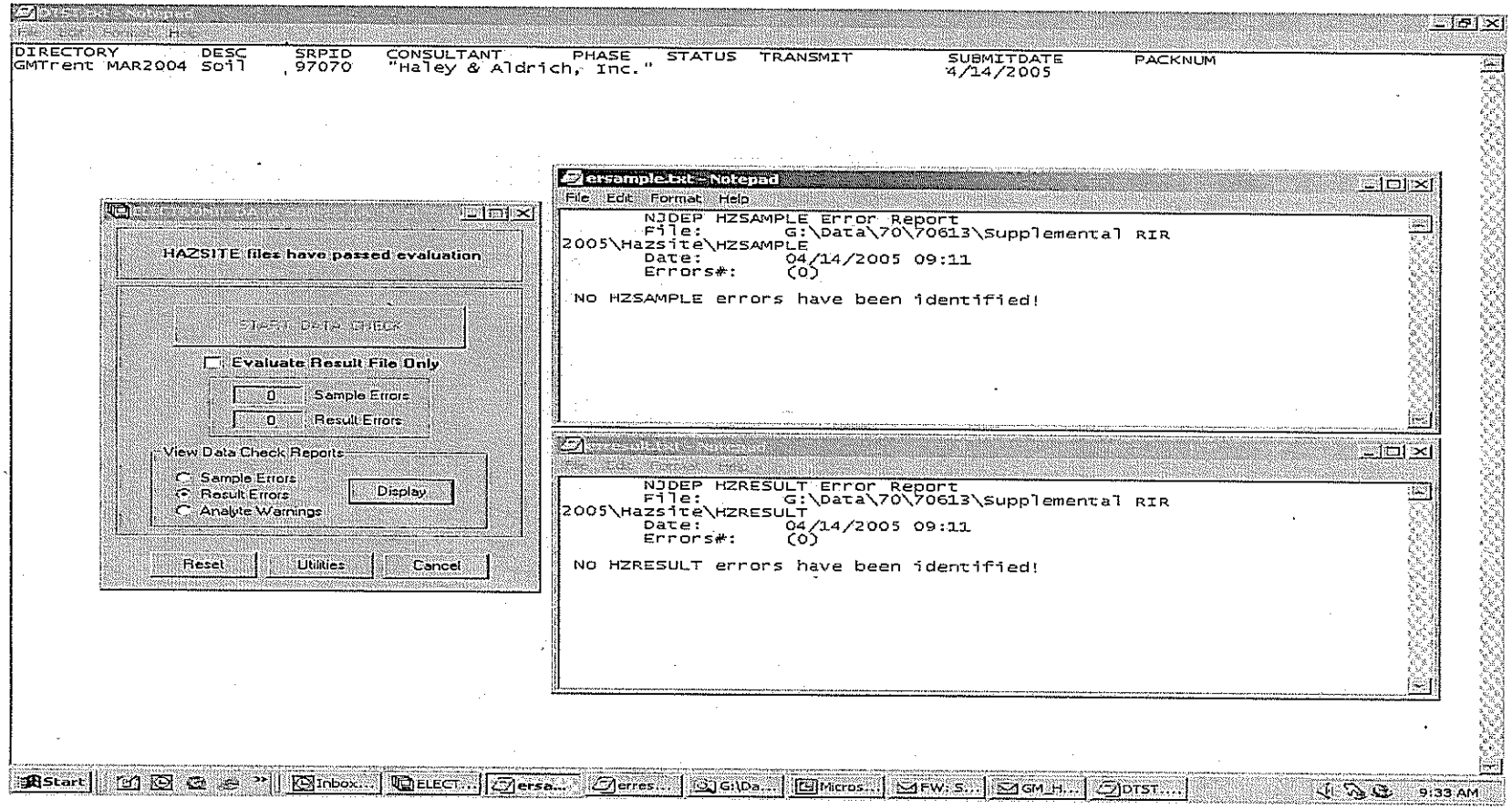
**APPENDIX C**

**New Jersey Electronic Deliverable**

# General Motors Facility, Trenton, NJ
# Electronic Deliverables Submission Checked with EDSA
# Version 5.00.0001
# Groundwater Analytical Results 14 April 2005 SRPID 97070



# General Motors Facility, Trenton, NJ
# Electronic Deliverables Submission Checked with EDSA
# Version 5.00.0001
# Soil Analytical Results 14 April 2005 SRPID 97070



**APPENDIX D**

**One-Part Certification**

**CERTIFICATION:**
As required by N.J.A.C. 7:26B-1.6(c)

Any person making a submission to the Department required by this chapter and pursuant to N.J.A.C. 7:26E, shall include the following signatures and notarized certification, for each technical submittal. Additionally, the certification shall indicate the case name and address, case number, type of documents submitted, e.g. Remedial Action Report, for each technical submittal.

**Type of Document:** **Remedial Investigation Report Addendum**
**Case Name:** **General Motors Corporation; Former Delphi Interior & Lighting System Facility**
**Case Address:** **1445 Parkway Avenue; Trenton, New Jersey**
**Case Number:** **ISRA Case No. 97070**

An individual who is familiar with the Industrial Establishment through on-site observation must sign the certification. The individual must be in a position of authority that can attest to the accuracy of the response to each question. When the situations arise, the certification shall be executed as follows:

1. For a corporation or limited liability company, by a principal executive officer of at least the level of Vice President;

2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively;

3. For a municipality, state, Federal or other public agency, by either a principal executive officer or ranking elected official; or

4. By a duly authorized representative of a corporation, partnership, sole proprietorship, municipality, state or Federal or other public agency, as applicable. A person is deemed to be a duly authorized representative if the person is authorized in writing by an individual described in 1, 2, or 3 above and the authorization meets the following criteria:

- The authorization specifies either an individual or a position having responsibility for the overall operation of the industrial establishment or activity, such as the position of plant manager, or superintendent or person of equivalent responsibility (a duly authorized representative may thus be either a named individual or any individual occupying a named position);

- The written authorization is submitted to the Department; and

- If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the industrial establishment or activity, a new authorization satisfying the requirements listed above shall be submitted to the Department prior to, or together with, any reports, information, or applications to be signed by an authorized representative.

*I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, to the best of my knowledge the submitted information is true, accurate and complete. I am aware that there are significant civil penalties for knowingly submitting false, inaccurate or incomplete information and that I am committing a crime of the fourth degree if I make a written false statement which I do not believe to be true. I am also aware that if I knowingly direct or authorize the violation of N.J.S.A. 13:1K-6 et seq., I am personally liable for the penalties set forth at N.J.S.A. 13:1K-13.*

on behalf of General Motors

Typed/Printed Name Marilyn J. Dedyne Title General Motors Environmental Corporate Remediation Company Inc Vice President Technical Operations

Signature Marilyn J. Dedyne Date 4/4/05

Sworn to and Subscribed Before Me

on this 4th day of April 2005

Sandra Kay Ludd

Notary

Acting in the County of Oakland

*Sandra Kay Ludd*
*Notary Public, Oakland County, MI*
*My Commission Expires Apr. 23, 2006*