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Appendix A

Summaries of Previous Environmental Investigations

Appendix A – Summaries of Previous Environmental Investigations

PRELIMINARY ASSESSMENT (1989)

A state preliminary assessment was completed in December 1989 and indicated two source areas which included approximately 38 acres (defined using only five sampling locations) of contaminated soil and a cluster of six unlined surface impoundments containing approximately 900,000 cubic feet of material. Constituents such as acetone, benzene, toluene, methyl ethyl ketone (MEK), PCBs, cadmium, cobalt, lead, and mercury were identified in the soil and the surface impoundment contained arsenic, benzene, toluene, MEK, and heavy metals.

BLACK AND VEATCH STUDY CONDUCTED FOR EPA REGION 4 (1992-1993)

In 1992, a site inspection, field investigation, and geophysical survey were conducted to collect information regarding potentially hazardous environmental conditions at the site. The USEPA was concerned about potential releases to groundwater, surface water, soil, and air and the potential threats to human health and ecology. The geophysical survey program was initiated to identify sample locations and evaluate former areas where drums, sludge, boiler ash, and other process wastes were reportedly landfilled, land applied, or buried. Sediment (4), surface water (2), surface soil (5), subsurface soil (2), and groundwater (3) samples were collected from a number of strategic locations selected based on historical information, hydrological data, field observations and geophysical survey results. All samples were analyzed for parameters in the Target Compound List (TCL) and Target Analytical List (TAL) list including organics, pesticides, PCBs, metals, and cyanide. Surface water sample results summarized in the 1993 B&V report indicated that arsenic and sodium concentrations exceed background concentrations. The inorganics barium, copper, iron, magnesium, manganese, nickel, and zinc were detected at concentrations above background or the sample quantitation limit (SQL). No TCL organics were detected in sediment or surface water samples.

Hercules responded to the B&V Report on April 26, 1994. This letter was addressed to the MDEQ. The Hercules response disputes most of the findings in the B&V Report and provides analytical results of split samples collected during the B&V investigation. Many of the split sample analytical results were reported as non-detect as opposed to the B&V sample results (which indicated elevated levels of the constituents listed above).

BATCO STUDY REQUIRED BY MDEQ (1994-1997)

Bonner Analytical Testing Company prepared a report dated December 1, 1998, which presented results of four quarterly groundwater monitoring events conducted between December 1997 and December 1998. Bonner installed six shallow groundwater monitoring wells in December 1987. The wells were competed at depths between 10 and 20 feet below ground surface. The results of the four quarterly sampling events are summarized in the December 1, 1998, report and indicate no significant detections of the eight RCRA metals (low levels of metals were detected above the laboratory method detection limit [MDL] in various wells over the quarterly events, as well as several detections of non-RCRA metals beryllium, nickel, copper, and zinc). Acetone was detected above the MDL two times in two different wells. MEK and isopropyl benzene were each detected once, and an aromatic hydrocarbon compound was tentatively identified in one well. An organophosphate compound was tentatively identified in all four sampling events in MW-4. In

general, MW-4, located near the sludge pits, indicated low levels of metals and the organic compounds discussed above.

PIEZOMETER AND MONITORING WELL INSTALLATION (1999 - 2000)

A site investigation was conducted in accordance with the *Site Investigation Work Plan* (Eco-Systems, 1999) and additional comments from MDEQ in an approval letter dated April 5, 1999. The work described in the work plan centered on efforts to determine whether Dioxathion, the miticide contained in Delnav, was present in site soil and groundwater. The investigation also included an evaluation of the groundwater flow regime and refinement of the site hydrogeologic model.

The scope of the 1999-2000 investigation included the installation of fourteen piezometers, five monitoring wells, and four staff gauges to provide hydrogeologic and groundwater quality information near the former Dioxathion production areas and near the former wastewater sludge pits. Piezometers TP-1 through TP-14 were installed to evaluate groundwater flow conditions in the uppermost saturated interval beneath the site. Monitoring wells MW-7, MW-8, and MW-9 were installed to assess groundwater quality at points near the former Delnav production areas and monitoring wells MW-10 and MW-11 were installed to assess groundwater quality between the sludge disposal pits and Green's Creek. The wells would not be sampled until 2002, following the Dioxathion Standard Study as discussed in the following sections. A summary of the investigation activities is provided in the *Site Investigation Report* (ESI, 2003).

DIOXATHION STANDARD STUDY REQUIRED BY MDEQ (2000-2002)

Prior to the sampling of the new and existing monitoring wells, questions arose regarding the analytical method for Dioxathion and the quality of Dioxathion for use as a laboratory standard. As a result, Hercules in conjunction with MDEQ's consultant Mississippi State University (MSU) developed analytical protocols for soil and groundwater. These protocols were documented in the *Sampling and Analysis Protocol for Determination of Dioxathion in Water* (Hercules, 2002).

Since the quality of available analytical standards was questionable, Hercules contracted with Sigma-Aldrich Chemicals to synthesize Dioxathion standards. In August 2002, Dioxathion of a suitable quality had been manufactured to be used as a laboratory standard and Hercules and the MDEQ had agreed to a laboratory protocol.

In October 2002, groundwater samples were collected from wells MW-1, MW-4, and MW-5, MW-8, MW-9, and MW-11 for analyses of Dioxathion (cis-Dioxathion, trans-Dioxathion, and Dioxenethion) by both BATCO and Mississippi State Chemical Laboratory (MSCL) to test the newly established protocol. Monitoring wells MW-5 and MW-6 were also sampled for analysis of VOCs and SVOCs.

Isomers of Dioxathion were detected in wells MW-4, MW-5, MW-8, MW-9, and MW-11; however, no concentrations were above the target remedial goal (TRG) identified in the MDEQ Brownfields program (MDEQ, 2002) of 54.8 micrograms per liter (µg/L). No VOCs or SVOCs were detected above the MDL in samples collected from MW-5 and MW-6. A complete summary of the sampling/analytical methods and results of the October 2002 sampling were provided in the *Site Investigation Report* (ESI, 2003) and excerpted results from the report are provided in ESI Groundwater and Geophysical Studies Required by MDEQ (2001-2002)

In December 2002, groundwater samples were collected for analysis of Dioxathion (MW-1 through MW-11), VOCs (MW-4 and MW-7 through MW-11), and SVOCs (MW-7 through MW-11). Samples were analyzed by BATCO and a split sample for MW-11 was collected by MDEQ. Concentrations of cis-Dioxathion, trans-Dioxathion, Dioxenethion, VOCs, and SVOCs were detected at various locations. Various VOCs were detected at concentrations exceeding the TRGs in wells MW-4, MW-8, MW-9, and MW-11. No other constituents were detected at concentrations above the applicable TRG. Detections of Dioxenethion could not be compared to TRGs because no TRG was available.

ESI INTERIM GROUNDWATER MONITORING REPORT (2003)

The *Interim Groundwater Monitoring Report* (ESI, 2003) was submitted describing the results of this sampling and recommending confirmation sampling prior to completing the remaining activities outlined in the 1999 Work Plan. In response, the MDEQ issued a letter dated February 3, 2003 approving the proposed confirmation sampling and requesting completion of the work plan tasks. In addition, MDEQ requested submittal of a supplemental work plan for groundwater delineation and a geophysical survey. A summary of the December 2002 sampling was provided in the *Site Investigation Report* (ESI, 2003).

ESI GROUNDWATER RE-SAMPLING AND SURFACE WATER AND SEDIMENT SAMPLING IN GREENS CREEK (2003)

On February 11, 2003, groundwater, surface water, and stream sediment samples were collected in accordance with the February 3, 2003 MDEQ request. Wells MW-4, MW-8, MW-9, and MW-11 were sampled for confirmation of the 2002 VOC results. In addition, surface water and sediment samples were collected from five locations (CM-1 through CM-5) in Green's Creek for analysis of Dioxathion and VOCs. Total organic carbon (TOC) and grain size analyses were also performed on sediment samples. Duplicate samples of surface water and sediment were collected by MDEQ at location CM-3.

VOCs were detected in groundwater at concentrations exceeding the TRGs in wells MW-4, MW-8, MW-9, and MW-11. The sample collected from MW-8 (located in the former dioxathion production area) showed the highest concentrations of VOCs.

Various VOCs were detected in each of the samples collected from surface water locations CM-1 (upgradient) through CM-5. The greatest numbers of VOCs were detected in the surface water sample collected from CM-1 (the westernmost location), possibly indicating an upstream source for VOCs. Cis-Dioxathion was detected in surface water at CM-2 and Dioxenethion was detected in surface water at CM-3, CM-4 and CM-5.

Various VOCs were detected in each of the samples collected from stream sediment locations CM-1 through CM-5. Similar to results for the surface water samples, the greatest numbers of VOCs were detected in the sediment sample collected from CM-1 (upgradient).Trans-Dioxathion was detected in sediment at CM-1, CM-3, and CM-5. TOC was reported in sediment samples at concentrations ranging between 2 and 7 parts per million (ppm). The sample collected from CM-3 showed primarily silt and clay and the samples collected from CM-4 and CM-5 showed primarily sand and gravel.

A summary of the sampling/analytical methods and results of the February 2003 sampling were provided in the *Site Investigation Report* (ESI, 2003).

ESI SUPPLEMENTAL GROUNDWATER SAMPLING AND GEOPHYSICAL SURVEY REQUIRED BY MDEQ (2003)

A supplemental site investigation was conducted in accordance with the *Work Plan for Supplemental Site Investigation* (ESI, June 2003) approved by MDEQ in a letter dated July 11, 2003. The supplemental work plan was prepared at the request of MDEQ to complete the following activities:

- Delineate the lateral and vertical extent of constituents of concern (COCs) in groundwater;
- Collect hydrogeologic information;
- Conduct a geophysical investigation to delineate the lateral boundaries of the waste in the former landfill and locate accumulations of buried metal in the landfill and in a potential burial area identified in the western portion of the site;
- Conduct single-well response tests to provide hydraulic conductivity estimates; and
- Collect surface water and stream sediment from Green's Creek to evaluate locations upstream from previous sampling locations.

The scope of the supplemental investigation included:

- Advancement of eighteen Geoprobe® borings (GP-1 through GP-18) to define the lateral and vertical extent of VOCs in groundwater and to investigate groundwater quality in the vicinity of select piezometers;
- Groundwater sample collection from permanent monitoring wells MW-1, MW-4, MW-10, and MW-11 for analysis of VOCs and Dioxathion;
- Geophysical investigation using ground conductivity and magnetic intensity methods at two areas of the site (former landfill area and small grid area located west of the main plant); and
- Collection of surface water from two locations (upstream location CM-0 and previous location CM-1) and collection of stream sediment from one location (upstream location CM-0)

SURFACE WATER AND SEDIMENT SAMPLING CONDUCTED BY MDEQ (2004)

As part of a response to requests by the public, in April 2004, MDEQ conducted a sampling event in the drainage pathways discharging from the Hercules facility. Four sediment samples(two from Green's Creek and two from the former Hercules Ditch) and three surface water samples (two from Green's Creek and one from the former Hercules Ditch) were collected and analyzed for VOCs, SVOCs, pesticides/PCBs, metals, and Dioxathion. Samples collected from locations S-1 and S-2 were collected from Green's Creek across Highway 42 from the facility. Samples collected from locations S-3 and S-4 were collected downgradient of an on-site process water storage tank (Tank ET-10, referred to in the memo as the "NPDES tank"). No surface water was collected from location S-3 because it was dry.

Concentrations of toluene below the MDEQ TRGs were detected in soil collected at locations S-3 and S-4. No other constituents were detected in soil and no constituents were detected in surface water. While some trace concentrations of target analytes were detected, the report concluded that "the results of these samples did not detect any compounds above MDEQ's target remediation goal levels."

ESI REMEDIAL ACTION EVALUATION (RAE), CORRECTIVE ACTION PLAN (CAP), AND MDEQ SURFACE WATER/SEDIMENT SAMPLING REQUIRED BY MDEQ (2004-2005)

A Remedial Action Evaluation (RAE) was prepared to evaluate and recommend remedial alternatives for the following areas: Sludge Pits, Landfill, Green's Creek, and Groundwater. Each of the remedial alternatives were evaluated with respect to the protection of human health and the environment (HH&E) and based on the following criteria: long-term effectiveness; potential to reduce mobility, toxicity or volume; short term effectiveness; implementability; and cost efficiency.

The following conclusions were presented for each evaluated area:

- Sludge Pits: sludge does not pose a significant risk to HH&E; potential direct exposure risk for site workers and wildlife; potential indirect exposure risk resulting from leaching and natural weather events overflowing the pit berms;

- Landfill: no current risk to HH&E; future land use changes could expose landfill materials and/or mobilize constituents from the landfill into the groundwater or nearby surface water;

- Groundwater: VOCs present in onsite groundwater at concentrations above TRGs; no VOCs above TRGs in offsite groundwater; and

- Green's Creek: surface water and sediment containing VOCs and dioxathion do not pose a significant risk to HH&E; the results from samples collected upstream of Hercules property may indicate an offsite source

In the final revised CAP (GES, 2005), the primary components of the proposed remedial alternatives consisted of groundwater and surface monitoring networks, deed restrictions, and fencing as summarized below for each evaluated area:

- Sludge Pits: MNA combined with institutional controls/deed restrictions to restrict current/future land use and ensure that contaminated groundwater does not migrate from the sludge pits at unacceptable levels.

- Landfill: MNA combined with deed restrictions to restrict future land use and ensure that contaminated groundwater does not migrate from the landfill at unacceptable levels.

- Groundwater: MNA combined with deed restrictions to restrict future land use in the area of groundwater containing VOCs in excess of TRGs and to ensure that contaminated groundwater does not migrate from the site at unacceptable levels.

- Green's Creek: MNA combined with institutional controls/deed restrictions to restrict current/future land use of Green's Creek to ensure that contaminated water does not migrate at unacceptable levels from Green's Creek.

USEPA SLUDGE PIT SAMPLING (2010)

In September 2010, at the request of MDEQ, representatives of the Science and Ecosystem Support Division (SESD) conducted a sampling investigation at the on-site sludge disposal area. Between September 28-29, 2010, SESD representatives collected 13 subsurface waste samples (HERC01 through HERC13) ranging from depths between 0 and 7 feet below land surface. Twelve of the locations were collected from the Sludge Pit area (referred to in the SESD report as the "back forty" area). One sample (HERC08) was collected from a lined pond referred to in the SESD report as the "wetlands" area. Samples were collected based on visual observations and results from field screening conducted with a Thermo Toxic Vapor Analyzer (TVA) 1000B. Samples were analyzed by the SESD laboratory for VOCs, SVOCs, metals, and TCLP.

Various VOCs, SVOCs, and metals were detected in the sludge samples. USEPA compared the analytical data to the MDEQ Tier 1 TRGs for unrestricted soil use and the USEPA Regional Screening Levels (RSLs). Benzene (10 samples), ethyl benzene (1 sample), isopropylbenzene (1 sample), toluene (11 samples), 1,1-biphenyl (1 samples), naphthalene (7 samples), arsenic (4 samples), Chromium VI (13 samples), and vanadium (9 samples) exceeded the MDEQ TRGs and/or residential USEPA RSLs. No other VOCs, SVOCs, or metals failed the TCLP limits or exceeded USEPA or MDEQ regulatory levels.

USEPA analyzed samples with detected total analyte concentrations by the TCLP method. Benzene failed the TCLP regulatory limit of 0.5 mg/L in six of the samples. A summary of the investigation activities and analytical results was provided in the *Field Investigation Report* (SESD, 2011).

EDR Database Findings

Regulatory agency database information was obtained from the EDR Radius Map Report, which maps and lists properties in U.S. government and Mississippi state environmental databases with existing conditions or status that may have the potential to impact the site. A description of the databases searched and the information obtained is summarized below.

Type of Database	Description of Database/Effective Date	Radius Searched	Number of Sites Identified in 0.5-Mile Radius	Number of Sites Identified in 4-Mile Radius
NPL	The National Priorities List identifies uncontrolled or abandoned hazardous waste sites. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a state's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost-effective than removal action.	4 miles	0	0
CORRACTS	Listing of RCRA facilities that are undergoing corrective action. Corrective actions may be required beyond the facility's boundary and can be required regardless of when the release occurred, even if it predates RCRA.	4 miles	0	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment.	4 miles	1 (including Hercules)	3 (including Hercules)

Type of Database	Description of Database/Effective Date	Radius Searched	Number of Sites Identified in 0.5-Mile Radius	Number of Sites Identified in 4-Mile Radius
CERC-NFRAP	CERCLIS-No Further Remedial Action Planned (CERCLIS-NFRAP) contains data on sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. Source: USEPA/National Technical Information Service (NTIS).	4 miles	0	2
RCRA-NonGen	RCRAInfo database of sites that do not presently generate hazardous waste.	4 miles	1	17
RCRA Generators	RCRA-regulated hazardous waste generator notifiers list (includes small quantity, large quantity, and conditionally exempt small quantity generators).	4 miles 4 miles 4 miles	SQG – 2 LQG – 1 (including Hercules) CESQG - 4	SQG – 14 LQG – 1 (including Hercules) CESQG - 44
ERNS and state spills list	EPA's Emergency Response Notification System (ERNS) list contains reported spill records of oil and hazardous substances.	4 mile	2	43
HMIRS	The Hazardous Materials Incident Report System contains hazardous material spill incidents reported to the Department of Transportation.	4 mile	0	83
US CDL	US Department of Justice listing of clandestine drug lab locations.	4 mile	0	2
US Brownfields	The EPA's listing of Brownfields properties addressed by Cooperative Agreement Recipients and Brownfields properties addressed by Targeted Brownfields Assessments	4 mile	3	18

Type of Database	Description of Database/Effective Date	Radius Searched	Number of Sites Identified in 0.5-Mile Radius	Number of Sites Identified in 4-Mile Radius
FUDS	Formerly Used Defense Sites where USACOE will take necessary cleanup actions	4 mile	0	1
MINES	Department of Labor, Mine Safety and Health Administration – mine site index	4 mile	0	2
TRIS	The Toxic Chemical Release Inventory System identifies facilities that release toxic chemicals to the air, water, and land in reportable quantities under SARA Title III, Section 313. The source of this database is the U.S. EPA	4 mile	1 (including Hercules)	6 (including Hercules)
TSCA	The Toxic Substances Control Act identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.	4 mile	1 (including Hercules)	7 (including Hercules)
FTTS	FIFRA/TSCA/EPCRA – tracks administrative cases and pesticide enforcement and compliance activities	4 mile	1 (including Hercules)	13 (including Hercules)
SSTS	Federal Insecticide, Fungicide, and Rodenticide Act – registered pesticide-producing establishment	4 mile	1	3
ICIS	Integrated Compliance Information System – supports the information needs of the national enforcement compliance program as well as the NPDES program	4 mile	2 (including Hercules)	5 (including Hercules)
PADS	PCB Activity Database – identified generators, transporters, commercial storers and/or brokers and disposers of PCBs	4 mile	1 (including Hercules)	2 (including Hercules)
FINDS	Facility Index System – US EPA/NTIS database that contains both facility information and "pointers" to other sources of information including RCRIS, PCS, AIRS, FATES, FTTS, CERCLIS, DOCKET, FURS, FRDS, SIA, TSCA, CICS, PADS, RCRA-J, TRIS, TSCA	4 mile	17 (including Hercules)	190 (including Hercules)

Type of Database	Description of Database/Effective Date	Radius Searched	Number of Sites Identified in 0.5-Mile Radius	Number of Sites Identified in 4-Mile Radius
SHWS	The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Uncontrolled Site Project Tracking System.	4 mile	5 (including Hercules)	28 (including Hercules)
SWF/LF	State inventory of solid waste disposal and landfill sites.	4 miles	0	2
LUST	List of information pertaining to all reported leaking underground storage tanks.	4 miles	3	46
UST/AST	State registered underground and above-ground storage tank sites listing.	4 miles	UST – 17 AST – 0	UST – 203 AST – 2
PERMITS	Environmental Site Information System Listing – NPDES Program, Air Title V, Construction & Operating Programs, Solid/Hazardous Waste Programs	4 miles	2 (including Hercules)	14 (including Hercules)
INST CONTROLS	Sites included on the CERCLA/Uncontrolled Sites File List that have institutional and/or engineering controls	4 miles	2	4
MS NPDES	Mississippi Industrial and Municipal NPDES facilities.	4 mile	1 (including Hercules)	14 (including Hercules)
VCP	Voluntary Evaluation Program Sites	4 mile	1	5
DRYCLEANERS	Listing of drycleaner facilities	4 mile	0	1

Type of Database	Description of Database/Effective Date	Radius Searched	Number of Sites Identified in 0.5-Mile Radius	Number of Sites Identified in 4-Mile Radius
ASBESTOS	Listing of Air Division Asbestos Branch Projects	4 mile	0	4
MGP	Manufactured Gas Plants – records of coal gas plants.	4 mile	0	1

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Appendix B

Supplemental Site Information

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Appendix B-1

Site Investigation Report (April 2003)

TABLE 2
SUMMARY OF PROTOCOL SAMPLING ANALYTICAL RESULTS - OCTOBER 14, 2002
HERCULES, INC.
HATTIESBURG, MISSISSIPPI

Well	Isomer	Concentrations in parts per billion (*ppb*) MSCL[1] HPLC/MS	MSCL[1] HPLC/UV	BATCO[2] GC/MS
MW-1	Dioxenethion	nd[3]	nd	nd
	cis-Dioxathion	nd	nd	nd
	trans-Dioxathion	nd	1.5	nd
MW-4	Dioxenethion	32	25	19.22
	cis-Dioxathion	nd	nd	4.80
	trans-Dioxathion	nd	nd	1.61
MW-5	Dioxenethion	nd	nd	5.09
	cis-Dioxathion	nd	nd	1.70
	trans-Dioxathion	0.92	10	1.44
Rinsate	Dioxenethion	nd	nd	nd
	cis-Dioxathion	nd	nd	nd
	trans-Dioxathion	nd	nd	nd
MW-4 Dup	Dioxenethion	na[4]	na	20.7
	cis-Dioxathion	na	na	4.71
	trans-Dioxathion	na	na	1.75

Notes:

[1] MSCL = Mississippi State Chemical Laboratory

[2] BATCO = Bonner Analytical & Testing Company

[3] nd = Analyte not detected at or above the method detection limit.

[4] na = not analyzed

TABLE 3
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS - DECEMBER 4 AND 5, 2002
HERCULES INC.
HATTIESBURG, MISSISSIPPI

Analytes	Concentrations in parts per billion (*ppb*)											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	TRG[1]
Dioxathion												
cis-Dioxathion	nd	nd	nd	3.34	nd	nd	nd	nd	12.8	nd	5	
trans-Dioxathion	nd	nd	nd	nd	nd	nd	nd	53.9	nd	nd	nd	
total	nd	nd	nd	3.34	nd	nd	nd	53.9	12.8	nd	5	54.8
Dioxenethion	nd[2]	nd	nd	12.9	nd	1.12	9.57	94.3	5.9	nd	50.3	na
Volatiles												
1,1-Dichloroethene	na[3]	na	na	nd	na	na	nd	17	5.92	nd	nd	7
Benzene	na	na	na	14	na	na	nd	6900	9.15	nd	114	5
Trichloroethene	na	na	na	nd	na	na	nd	5.8	nd	nd	nd	5
Toluene	na	na	na	nd	na	na	nd	28	nd	nd	nd	1000
Chlorobenzene	na	na	na	1.81	na	na	nd	290	nd	nd	nd	100
Bromodichloromethane	na	na	na	nd	na	na	nd	6.84	nd	nd	nd	0.168
Bromomethane	na	na	na	nd	na	na	nd	4.07	nd	nd	nd	8.52
Carbon Tetrachloride	na	na	na	10	na	na	nd	16000	nd	nd	nd	5
Chloroethane	na	na	na	63	na	na	nd	66	nd	nd	nd	3.64
Chloroform	na	na	na	nd	na	na	nd	1800	nd	nd	nd	0.155
Chloromethane	na	na	na	1.72	na	na	nd	39.2	nd	nd	nd	1.43
Dibromochloromethane	na	na	na	nd	na	na	nd	4.45	nd	nd	nd	0.126
1,2-Dichlorobenzene	na	na	na	nd	na	na	nd	2.71	nd	nd	nd	600
1,3-Dichlorobenzene	na	na	na	nd	na	na	nd	3.75	nd	nd	nd	5.48
1,4-Dichlorobenzene	na	na	na	nd	na	na	nd	3.8	nd	nd	nd	75
1,2-Dichloroethane	na	na	na	nd	na	na	nd	20	nd	nd	3.11	5
cis-1,2-Dichloroethene	na	na	na	nd	na	na	nd	19	nd	nd	nd	70
Ethyl Benzene	na	na	na	nd	na	na	nd	55.6	nd	nd	nd	700
Isopropylbenzene	na	na	na	1.26	na	na	nd	4.6	2.48	nd	nd	679
p-Isopropyltoluene	na	na	na	nd	na	na	nd	23.9	nd	nd	nd	na
Methylene Chloride	na	na	na	nd	na	na	nd	26.1	nd	nd	nd	5
Naphthalene	na	na	na	5.38	na	na	nd	9.14	nd	nd	nd	6.2
Tetrachloroethene	na	na	na	nd	na	na	nd	8.51	nd	nd	nd	5

TABLE 3 - CONTINUED
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS - DECEMBER 4 AND 5, 2002
HERCULES INC.
HATTIESBURG, MISSISSIPPI

Volatiles - continued												
1,2,3-Trichlorobenzene	na	na	na	1.81	na	na	nd	2.55	nd	nd	nd	na
1,2,4-Trichlorobenzene	na	na	na	nd	na	na	nd	2.86	nd	nd	nd	70
1,2,4-Trimethylbenzene	na	na	na	nd	na	na	nd	1.81	nd	nd	nd	12.3
Xylenes (total)	na	na	na	nd	na	na	nd	79	nd	nd	nd	10000
Vinyl Chloride	na	na	na	nd	na	na	nd	1.62	nd	nd	nd	2
Semi-Volatiles												
4-Methylphenol	na	na	na	nd	na	na	nd	13.16	nd	nd	nd	183

NOTES:

[1] Target Remediation Goals are taken from the Tier 1 Target Remedial Goals Talbe of the Final Regulations Governing Brownsfields Voluntary Cleanup and Redevelopment In Mississippi, MDEQ, March 2001. Bold text indicates concentrations above applicable TRGs.

[2] nd = Analyte not detected at or above the method detection limit

[3] na = Not analyzed

TABLE 4
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS - FEBRUARY 11, 2003
HERCULES, INC.
HATTIESBURG, MISSISSIPPI

Analytes	PQL[1] (*ppb*)	Concentrations in parts per billion (*ppb*)											
		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	TRG[2]
Volatiles													
1,1-dichloroethene	10.00	na[3]	na	na	nd[4]	na	na	na	1.85 J[5]	nd	na	nd	7
benzene	10.00	na	na	na	nd	na	na	na	**12000**	**64.3**	na	6.39 J	5
trichloroethene	10.00	na	na	na	nd	na	na	na	3.2 J	nd	na	nd	5
toluene	10.00	na	na	na	nd	na	na	na	35.4	nd	na	nd	1000
chlorobenzene	10.00	na	na	na	nd	na	na	na	230 J	5.85 J	na	nd	100
bromodichloromethane	10.00	na	na	na	nd	na	na	na	4.72 J	nd	na	nd	0.168
carbon tetrachloride	10.00	na	na	na	nd	na	na	na	**12000**	**20.7**	na	nd	5
chloroethane	12.00	na	na	na	nd	na	na	na	**85.5**	**19.7**	na	nd	3.64
chloroform	10.00	na	na	na	nd	na	na	na	**1300**	9.83 J	na	nd	0.155
chloromethane	10.00	na	na	na	nd	na	na	na	3.34 J	nd	na	nd	1.43
1,2-dichlorobenzene	10.00	na	na	na	nd	na	na	na	2.22 J	nd	na	nd	600
1,4-dichlorobenzene	10.00	na	na	na	nd	na	na	na	3.14 J	nd	na	nd	75
1,1-dichloroethane	10.00	na	na	na	nd	na	na	na	nd	2.23 J	na	nd	798
1,2-dichloroethane	10.00	na	na	na	nd	na	na	na	**79.8**	1.43 J	na	nd	5
cis-1,2-dichloroethene	10.00	na	na	na	nd	na	na	na	17.5	nd	na	nd	70
ethyl benzene	10.00	na	na	na	nd	na	na	na	67.5	1.53 J	na	nd	700
isopropylbenzene	10.00	na	na	na	nd	na	na	na	4.35 J	1.92 J	na	nd	679
p- isopropyltoluene	10.00	na	na	na	nd	na	na	na	23.8	1.8 J	na	nd	na[5]
napthalene	11.00	na	na	na	34.4 B[6]	na	na	na	25.0 B	31.7 B	na	42.6 B	6.2
styrene	10.00	na	na	na	nd	na	na	na	1.25 J	nd	na	nd	100
tetrachloroethene	10.00	na	na	na	nd	na	na	na	**48.9**	nd	na	nd	5
1,2,3-trichlorobenzene	10.00	na	na	na	45.9 B	na	na	na	25.3 B	36.8 B	na	53.4 B	na
1,2,4-trichlorobenzene	10.00	na	na	na	9.79 B	na	na	na	5.73 B	4.98 B	na	13.55 B	70
1,1,1-trichloroethane	10.00	na	na	na	nd	na	na	na	1.50 J	nd	na	nd	200
1,2,4-trimethylbenzene	10.00	na	na	na	nd	na	na	na	1.92 J	nd	na	nd	12.3
1,3,5-trimethylbenzene	10.00	na	na	na	nd	na	na	na	1.8 J	nd	na	nd	12.3
xylenes (total)	15.00	na	na	na	nd	na	na	na	62.4	nd	na	nd	10000

TABLE 4 - CONTINUED
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS - FEBRUARY 11, 2003
HERCULES, INC.
HATTIESBURG, MISSISSIPPI

Notes:

[1] PQL = Laboratory Method Practical Quantitation Limit and represents the minimum concentration for which a sample can reliably be quantified.

[2] Target Remediation Goals (TRG) are taken from the Tier 1 Target Remedial Goal Table of the Regulations Governing Brownfield Voluntary Cleanup and Redevelopment in Mississippi MDEQ, March 2001. Bold text indicates concentrations above applicable TRGs.

[3] na = "not analyzed".

[4] nd = "not detected" at or above the method detection limit.

[5] J = Data flag for data for which the concentration is "estimated" because the level is below the PQL, but was detected.

[6] B = Data flag for data for which was also detected in the associated method blank sample. Analyte was in blank greater than 5% of sample.

TABLE 5

STREAM SEDIMENT AND SURFACE WATER ANALYTICAL RESULTS FOR DIOXATHION - FEBRUARY 11, 2001

HERCULES, INC.

HATTIESBURG, MISSISSIPPI

TAGET PARAMETER	PQL (ppb)[1]	Concentration in parts per billion (ppb)[2] CM-1	CM-2	CM-3	CM-4	CM-5
SURFACE WATER						
Dioxenethion	2.19	nd[3]	nd	3.16	BPQL[4]	3.07
Dioxathion (cis)	4.75	nd	8.72	nd	nd	nd
Dioxathion (trans)	3.04	nd	nd	nd	nd	nd
STREAMBED SEDIMENT						
Dioxenethion	170	nd	nd	nd	nd	nd
Dioxathion (cis)	134	nd	nd	nd	nd	nd
Dioxathion (trans)	149	790	nd	1370	nd	448

Notes:

[1] Represents the reporting limit or practical quantitation limit (PQL) of the analytical method in parts per billion (ppb).

[2] Results are presented in ppb with reference to the stream location (CM) from which the sample was collected.

[3] nd = "Not Detected" at or above the method detection limit.

[4] BPQL = "Below the Practical Quantitation Limit" of the analytical method in ppb.

TABLE 6

SURFACE WATER AND STREAM SEDIMENT SAMPLE ANALYTICAL RESULTS FOR VOC - FEBRUARY 11, 2003

HERCULES, INC.

HATTIESBURG, MISSISSIPPI

TARGET PARAMETER	PQL (*ppb*)[1]	Concentration in parts per billion (*ppb*)[2] CM-1	CM-2	CM-3	CM-4	CM-5
VOLATILE ORGANICS SURFACE WATER						
Benzene	10.00	2.82 J[3]	1.17 J	3.66 J	2.25 J	4.04 J
Carbon Tetrachloride	10.00	3.03 J	1.48 J	nd[4]	nd	nd
Chlorethane	12.00	20.50	15.60	8.42 J	3.43 J	nd
Chloroform	10.00	2.34 J	nd	nd	nd	nd
Napthalene	11.00	25.7 B[5]	20.3 B	20.1 B	13.0 B	7.51 B
1,2,3-Trichlorobenzene	10.00	32.2 B	24.8 B	23.0 B	12.2 B	5.54 B
1,2,4-Trichlorobenzene	10.00	3.36 B	2.37 B	2.13 B	1.26 B	nd
VOLATILE ORGANICS STREAMBED SEDIMENT						
Benzene	na[6]	3.1 J	nd	nd	1.53 J	nd
Bromomethane	na	nd	3.1 J	nd	nd	2.11 J
n-Butylbenzene	na	3.97 J	1.65 J	nd	nd	nd
Tert-Butylbenzene	na	1.76 J	nd	nd	nd	nd
1,3-Dichlorobenzene	na	3.35 J	3.96 J	5.07 J	1.72 J	3.19 J
1,4-Dichlorobenzene	na	nd	nd	nd	nd	3.11 J
n-Propylbenzene	na	2.31 J	nd	nd	nd	nd
Napthalene	na	17.4 B	19.8 B	14.7 B	5.87 B	10.8 B
1,2,3-Trichlorobenzene	na	18.0 B	23.8 B	21.3 B	9.26 B	15.1 B
1,2,4-Trichlorobenzene	na	10.2 B	9.13 B	6.1 B	2.10 B	3.64 B
1,2,4-Trimethylbenzene	na	14.6 J	5.36 J	4.87 J	1.88 J	2.59 J
1,3,5-Trimethylbenzene	na	11.8 J	4.29 J	3.82 J	nd	2.24 J

Notes:

[1] Represents the reporting limit or practical quantitation limit (PQL) of the analytical method in parts per billion (ppb).

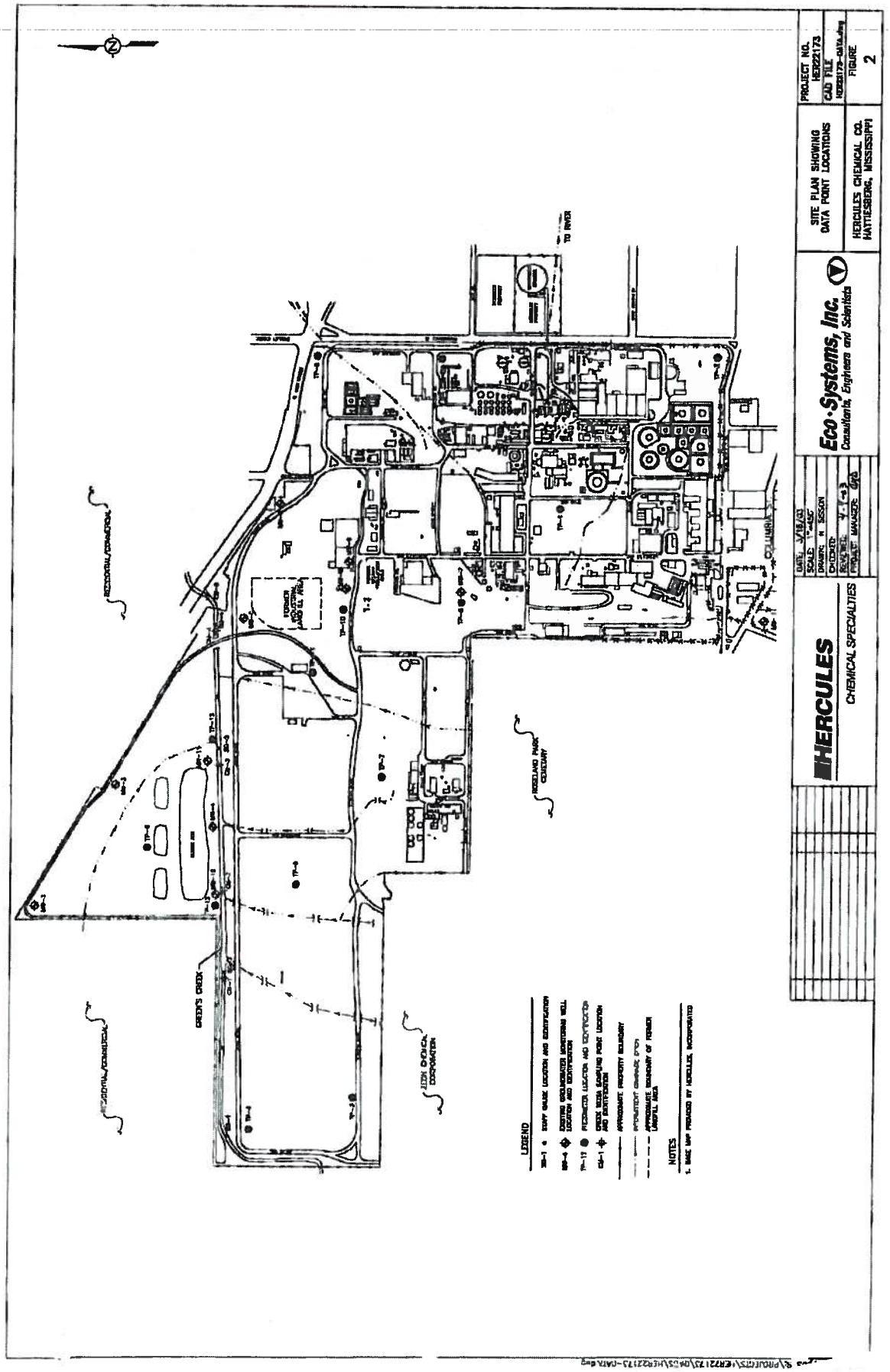
[2] Results are presented in ppb with reference to the stream location (CM) from which the sample was collected.

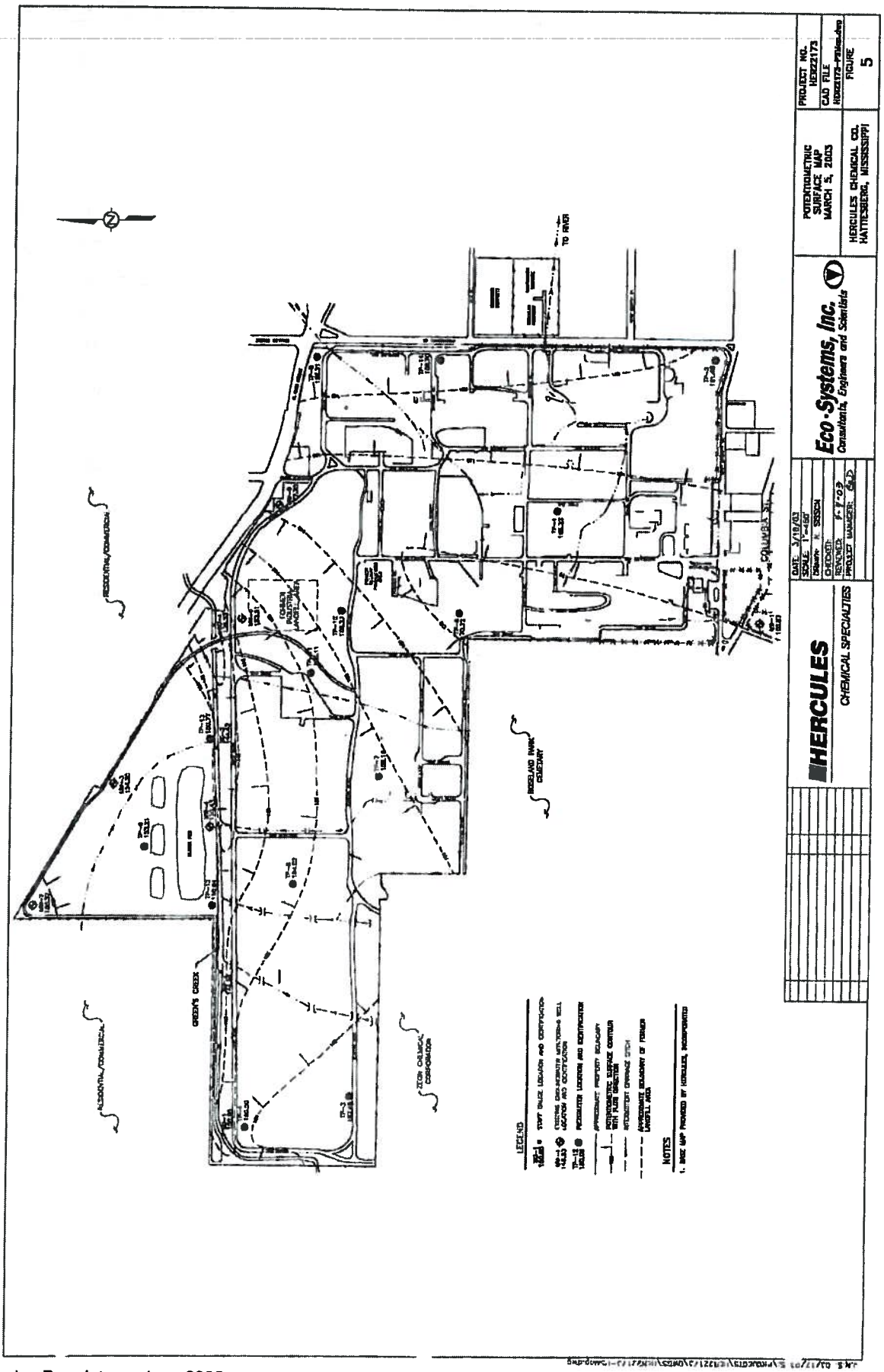
[3] J = Data flag for data for which the concentration is "estimated because the level is below the PQL, but above the Method Detection Limit.

[4] nd = "Not Detected" at or above the Method Detection Limit.

[5] B = Data flag for data which was also detected in to associated method blank sample.

[6] PQL values vary for each sample. See laboratory analytical data sheets.

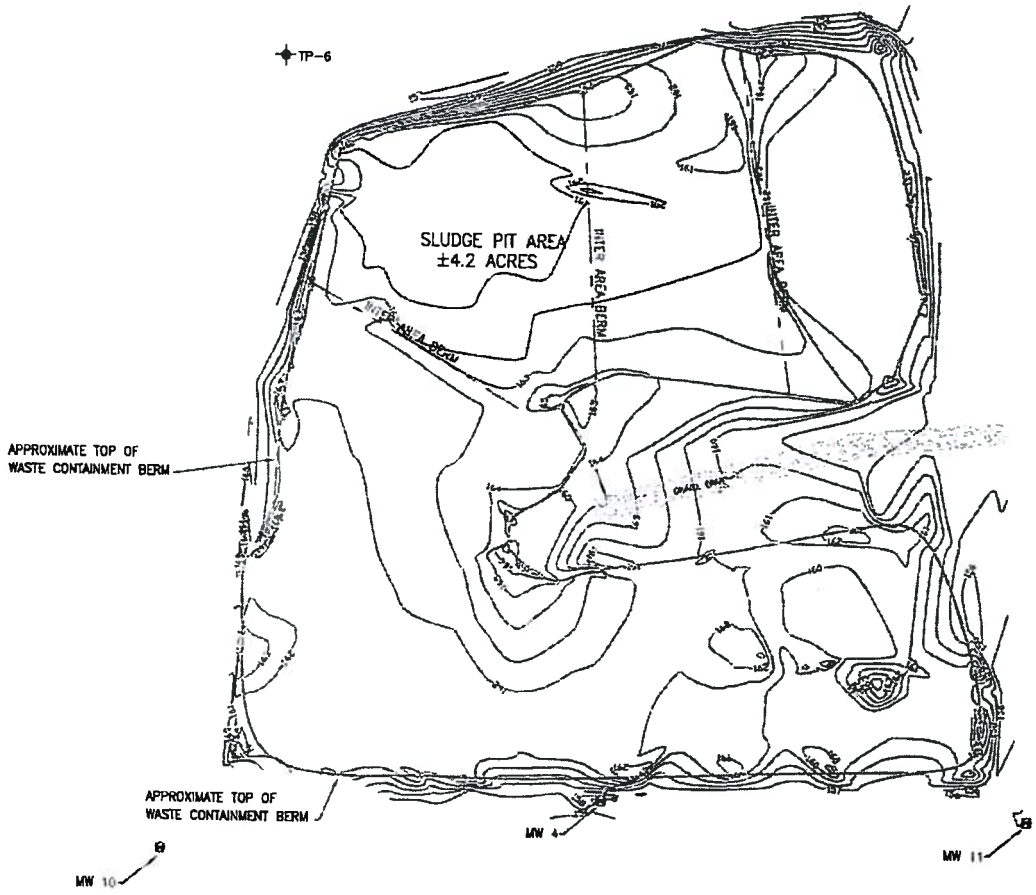

TO RIVER
ROSELAND PARK CEMETARY
GREEN'S CREEK
LEGEND
NOTES
HERCULES
CHEMICAL SPECIALTIES
Eco·Systems, Inc.
Consultants, Engineers and Scientists
SITE PLAN SHOWING DATA POINT LOCATIONS
HERCULES CHEMICAL CO. HATTIESBERG, MISSISSIPPI
PROJECT NO. HER22173
FIGURE 2


RESIDENTIAL/COMMERCIAL
TO RIVER
COLUMBIA ST.
ROSELAND PARK CEMETERY
GREEN'S CREEK
RESIDENTIAL/COMMERCIAL
TECH CHEMICAL CORPORATION
LEGEND
NOTES
1. BASE MAP PROVIDED BY HERCULES, INCORPORATED
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
POTENTIOMETRIC SURFACE MAP MARCH 5, 2003
HERCULES CHEMICAL CO. HATTIESBERG, MISSISSIPPI
PROJECT NO. HEP22173
CAD FILE
FIGURE 5

ARCADIS

Appendix B-2

Site Investigation Supplemental Report (April 2003)



N

NOTE:

1. TOPOGRAPHY OF SLUDGE PITS BASED ON TOPOGRAPHIC SURVEY PERFORMED BY ECO-SYSTEMS, INC. ON MAY 27, 2004.

LEGEND

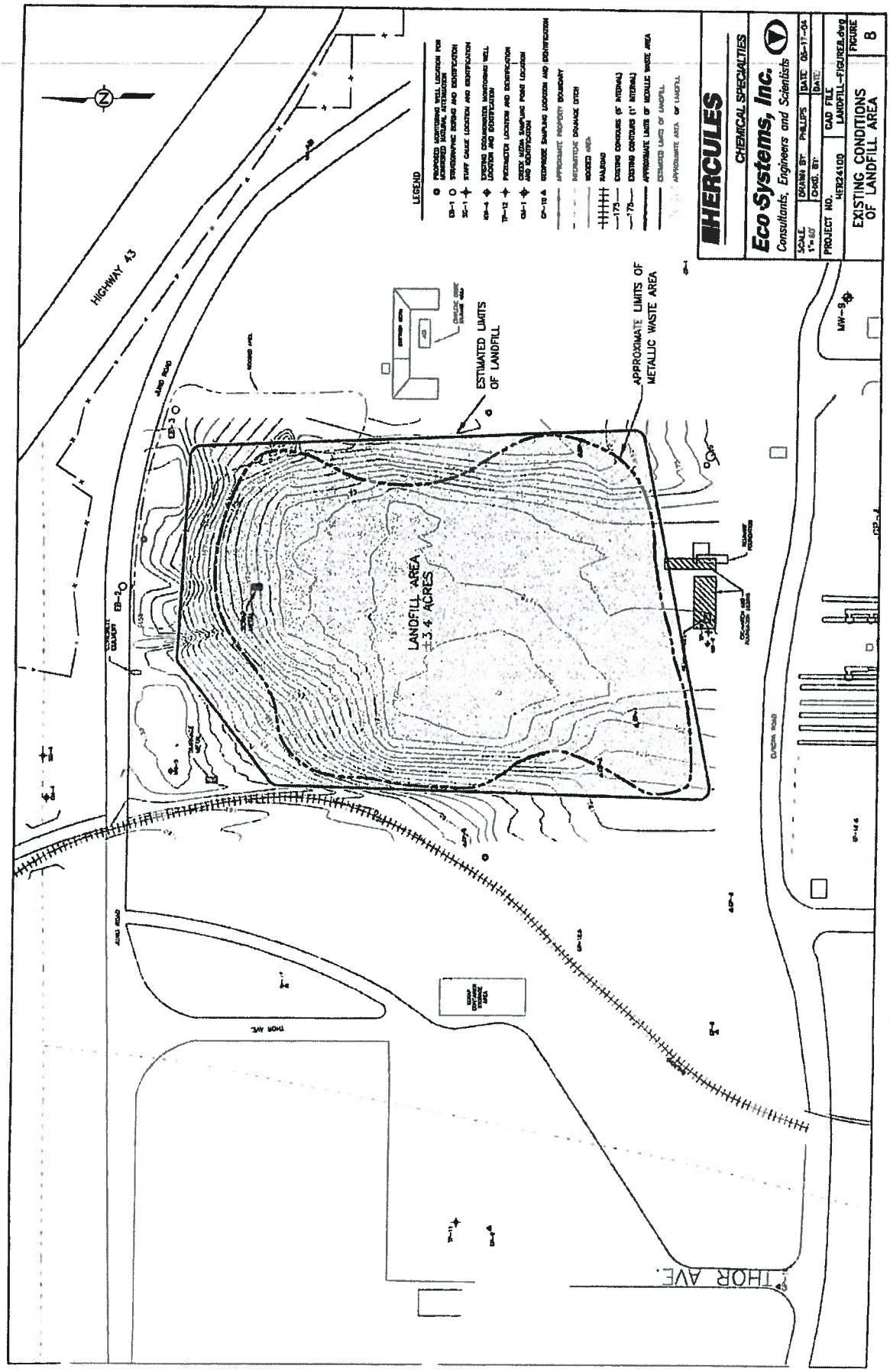
- APPROXIMATE TOP OF WASTE CONTAINMENT BERM
- INTER AREA BERM
- 135 EXISTING INDEX CONTOURS (5' INTERVAL)
- 157 EXISTING CONTOURS (1' INTERVAL)
- APPROXIMATE SLUDGE PIT AREA
- EXISTING MONITORING WELL
- TP-6 PIEZOMETER LOCATION AND IDENTIFICATION

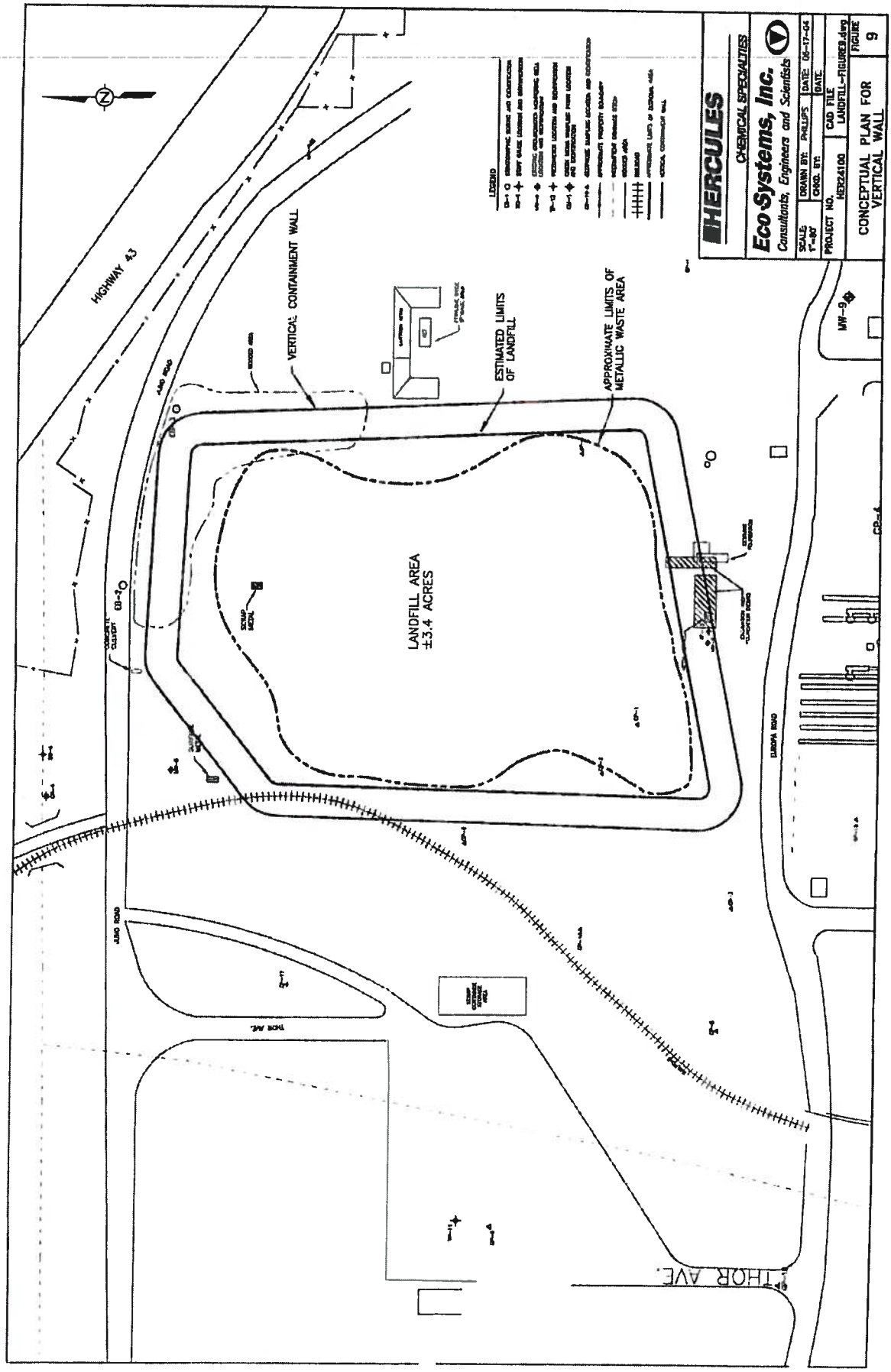
HERCULES
CHEMICAL SPECIALTIES

Eco-Systems, Inc.
Consultants, Engineers and Scientists

SCALE: 1"=80'	DRAWN BY: PHILLIPS	DATE: 05-12-06
	CHKD. BY:	DATE:
PROJECT NO. HER24100	CAD FILE LANDFILL-FIGURE3.dwg	

EXISTING CONDITIONS OF SLUDGE PITS — FIGURE 3


HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
EXISTING CONDITIONS OF LANDFILL AREA
FIGURE 8
LEGEND
ESTIMATED LIMITS OF LANDFILL
APPROXIMATE LIMITS OF METALLIC WASTE AREA
LANDFILL AREA ±3.4 ACRES
HIGHWAY 43
JUNO ROAD
THOR AVE.
DUNORA ROAD
MW-9
EB-10
EB-30


HERCULES
CHEMICAL SPECIALTIES
Eco Systems, Inc.
Consultants, Engineers and Scientists
CONCEPTUAL PLAN FOR VERTICAL WALL
FIGURE 9
VERTICAL CONTAINMENT WALL
ESTIMATED LIMITS OF LANDFILL
APPROXIMATE LIMITS OF METALLIC WASTE AREA
LANDFILL AREA ±3.4 ACRES
HIGHWAY 43
JUNO ROAD
THOR AVE.
DIANA ROAD
MW-9
CB-4
CB-2
CB-1

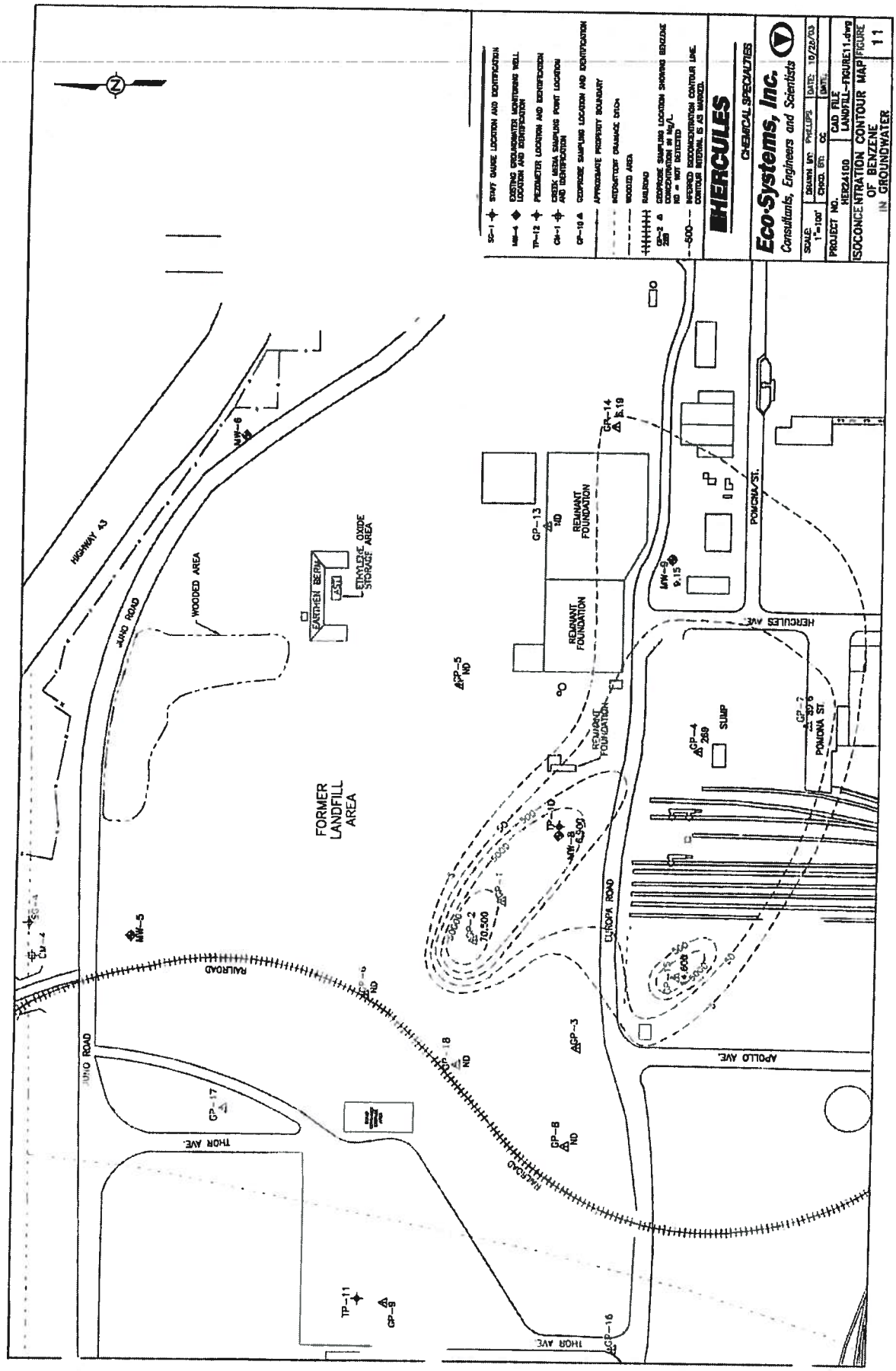

HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
ISOCONCENTRATION CONTOUR MAP OF BENZENE IN GROUNDWATER
FIGURE 11
HIGHWAY 43
JUNO ROAD
WOODED AREA
EARTHEN BERM
ETHYLENE OXIDE STORAGE AREA
FORMER LANDFILL AREA
REMNANT FOUNDATION
POMONA ST.
HERCULES AVE.
SUMP
EUROPA ROAD
APOLLO AVE.
THOR AVE.
RAILROAD
MW-5
MW-6
MW-8
MW-9
GP-2
GP-3
GP-4
GP-5
GP-7
GP-8
GP-10
GP-11
GP-13
GP-14
GP-16
GP-17
GP-18
TP-10
TP-11
SC-1
CH-1

TABLE 2
SUMMARY OF TEMPORARY MONITORING WELL VOC ANALYTICAL DATA
Samples Collected August 11 - 14, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in micrograms per Liter (µg/L)														
	GP-2 (Water)	GP-4 (Water)	GP-5 (Water)	GP-6 (Water)	GP-7 (Water)	GP-8 (Water)	GP-9 (Water)	GP-10 (Water)	GP-11 (Water)	GP-12 (Water)	GP-13 (Water)	GP-14 (Water)	GP-15 (Water)	GP-18 (Water)	TRG[1]
1,1-Dichloroethene	**15**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	7
Benzene	**70500**	**269**	<1	<1	**89.6**	<1	<1	<1	**6.99**	**43**	<1	**6.19**	**14600**	<1	5
Trichloroethene	2.33	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Toluene	**4800**	80.9	20.7	13.6	8.35	10.4	<1	<1	<1	<1	<1	<1	3.67	<1	1000
Chlorobenzene	71.2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.17	<1	100
Bromodichloromethane	**1.71**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.168
n-Butylbenzene	3.76	1.23	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	243
sec-Butylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.66	<1	243
tert-Butylbenzene	<1	1.15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.46	<1	243
Carbon Tetrachloride	**223**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Chloroethane	**18.4**	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3.64
Chloroform	**317**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.155
2-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4.19	<1	NA
4-Chlorotoluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.25	<1	NA
1,2-Dibromo-3-chloropropane	**6.06**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.2
1,2-Dichlorobenzene	1.78	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.03	<1	600
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.99	<1	5.48
1,4-Dichlorobenzene	2.4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.56	<1	75
1,1-Dichloroethane	15	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	798
1,2-Dichloroethane	**27.8**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
cis-1,2-Dichlorothene	46.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	70
1,2-Dichloropropane	**20.3**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Ethyl benzene	115	5.25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1.54	<1	700
Hexachlorobutadiene	1.11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.859

Notes:

< indicates analyte not detected at or above listed method detection limit (MDL).

PQL is set as low point on the curve.

J result is estimated concentration above MDL but below PQL.

NA - Not applicable.

[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment In Mississippi, MDEQ, March 2001. Bold text indicates concentration above applicable TRGs.

TABLE 2 (Continued)
SUMMARY OF TEMPORARY MONITORING WELL VOC ANALYTICAL DATA
August 11 - 14, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in parts per billion (µg/L)														
	GP-2 (Water)	GP-4 (Water)	GP-5 (Water)	GP-6 (Water)	GP-7 (Water)	GP-8 (Water)	GP-9 (Water)	GP-10 (Water)	GP-11 (Water)	GP-12 (Water)	GP-13 (Water)	GP-14 (Water)	GP-15 (Water)	GP-18 (Water)	TRG[1]
Isopropylbenzene	2.1	4.1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2.19	<1	679
p-Isopropyltoluene	61.7	33.8	<1	<1	<1	11.1	<1	<1	<1	<1	<1	<1	2.27	<1	NA
Naphthalene	**20.4**	**16.45**	<5	<5	<5	**52.4**	<5	<5	<5	<5	<5	<5	4.19 J	<5	6.2
n-Propylbenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	243
Styrene	4.49	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	3.47	<1	100
Tetrachloroethene	**30.9**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,2,3-Trichlorobenzene	8.16	3.88 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	3.16 J	<5	NA
1,2,4-Trichlorobenzene	10.1	3.03 J	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	70
1,1,2-Trichloroethane	**39.4**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,2,4-Trimethylbenzene	5.33	10.67	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	12.3
1,3,5-Trimethylbenzene	3.76	4.08	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	12.3
Vinyl chloride	**3.07**	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
Xylenes (total)	466	12.3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7.82	<1	10000

Notes:

< indicates analyte not detected at or above listed method detection limit (MDL).

PQL is set as low point on the curve.

J result is estimated concentration above MDL but below PQL.

NA - Not applicable.

[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi, MDEQ, March 2001. Bold text indicates concentration above applicable TRGs.

TABLE 3
SUMMARY OF TEMPORARY MONITORING WELL DIOXATHION ANALYTICAL DATA
Samples Collected August 28, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in micrograms per Liter (µg/L)															
	GP-02 (Water)	GP-04 (Water)	GP-05 (Water)	GP-06 (Water)	GP-07 (Water)	GP-08 (Water)	GP-09 (Water)	GP-10 (Water)	GP-11 (Water)	GP-12 (Water)	GP-13 (Water)	GP-14 (Water)	GP-15 (Water)	GP-17 (Water)	GP-18 (Water)	TRG[1]
Dioxenethion	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA
Dioxathion (cis)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA
Dioxathion (trans)	<0.4	1.92	<0.4	<0.4	0.604	1.52	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	NA
Total Dioxathion (cis and trans)	<0.8	1.92	<0.8	<0.8	0.604	1.52	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	<0.8	54.8

Notes:

PQLs are the lowest point on the calibration curve.

< indicates analyte not detected at or above listed method detection limit (MDL).

NA - Not applicable.

[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi, MDEQ, March 2001. Bold text indicates concentration above applicable TRGs.

TABLE 4
SUMMARY OF SOIL VOC ANALYTICAL DATA
Samples Collected August 11 - 14, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in micrograms per kilogram (µg/Kg)		
	GP-4	TRG[1]	
	(Soil)	Restricted	Unrestricted
1,1-Dichloroethene	<5.25	118	77.2
Benzene	62	1360	887
Trichloroethene	<5	7920	5170
Toluene	43.4	38000	38000
Chlorobenzene	<5	1190	1190
Bromodichloromethane	<5	1890	1240
n-Butylbenzene	<5	81800000	3130000
sec-Butylbenzene	<5	81800000	3130000
tert-Butylbenzene	<5	81800000	3130000
Carbon Tetrachloride	<5	569	371
Chloroethane	<5.55	1970000	220000
Chloroform	<5	478	312
2-Chlorotoluene	9.5	NA	NA
4-Chlorotoluene	4.47 J	NA	NA
1,2-Dibromo-3-chloropropane	<5	99.9	99.9
1,2-Dichlorobenzene	4.09 J	279000	279000
1,3-Dichlorobenzene	<5	1840000	70400
1,4-Dichlorobenzene	4.56 J	238000	26600
1,1-Dichloroethane	<15.5	116000	116000
1,2-Dichloroethane	<5	621	406
cis-1,2-Dichlorothene	<5	1210000	782000
1,2-Dichloropropane	<5	445	445
Ethyl benzene	19	395000	395000
Hexachlorobutadiene	<5	135	88.2
Isopropylbenzene	1.04 J	9430	9430
p-Isopropyltoluene	<5	NA	NA
Naphthalene	<5.5	247000	194000
n-Propylbenzene	7.64	490000	490000
Styrene	23.5	384000	384000
Tetrachloroethene	26	18200	11900
1,2,3-Trichlorobenzene	<6.8	NA	NA
1,2,4-Trichlorobenzene	<6.25	824000	782000
1,1,2-Trichloroethane	<5	1670	1090
1,2,4-Trimethylbenzene	36	102000000	3910000
1,3,5-Trimethylbenzene	22.2	436000	436000
Vinyl chloride	<5	939	426
Xylenes (total)	304	318000	318000

Notes:

< indicates analyte not detected at or above listed method detection limit (MDL).

PQL is set as low point on the curve.

J result is estimated concentration above MDL but below PQL.

NA - Not applicable.

[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi, MDEQ, March 2001.

Bold text indicates concentration above most conservative applicable TRGs.

TABLE 5
SUMMARY OF MONITORING WELL ANALYTICAL RESULTS
Samples Collected August 28, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in micrograms per Liter (µg/L)				
	MW-01 (Water)	MW-04 (Water)	MW-10 (Water)	MW-11 (Water)	TRG[1]
Volatile Organic Compounds					
Bromoform	<1	<1	1.55	<1	8.48
tert-Butylbenzene	1.34	<1	<1	<1	243
1,2-Dichlorobenzene	2.7	<1	<1	<1	600
1,3-Dichlorobenzene	1.39	<1	<1	<1	5.48
1,4-Dichlorobenzene	2.2	<1	<1	<1	75
Hexachlorobutadiene	**5.05**	<1	<1	<1	0.859
p-Isopropyltoluene	1.34	<1	<1	<1	NA
1,2,3-Trichlorobenzene	1.40 J	<5	<5	<5	NA
1,2,4-Trimethylbenzene	1.23	<1	<1	<1	12.3
Dioxathion					
Dioxenethion	<0.4	6.34	<0.4	6.24	NA
Dioxathion (cis)	<0.4	1.82	<0.4	<0.4	NA
Dioxathion (trans)	<0.4	<0.4	<0.4	<0.4	NA
Total Dioxathion (cis and trans)	<0.8	1.82	<0.8	<0.8	54.8

Notes:

< indicates analyte not detected at or above listed method detection limit (MDL).

PQL is set as low point on the curve.

J result is estimated concentration above MDL but below PQL.

NA - Not applicable

[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi, MDEQ, March 2001. Bold text indicates concentrations above applicable TRGs.

TABLE 6
SUMMARY OF STREAM SEDIMENT AND SURFACE WATER ANALYTICAL DATA
Samples Collected September 3, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentration in micrograms per Liter (µg/L) or parts per billion.			
	CM-0 (Water)	CM-0 (Sediment)	CM-1 (Water)	CM-1 (Sediment)
Volatile Organic Compounds				
Toluene	<1	<5	4.66	7.28
Chlorobenzene	<1	<5	6.58	<5
Bromobenzene	4.18	4.79 J	13	7.67
2-Chlorotoluene	3.4	<5	2.53	<5
4-Chlorotoluene	4.61	<5	4.17	<5
1,2-Dichlorobenzene	3.44	<5	3.76	3.21 J
1,3-Dichlorobenzene	3.66	<5	3.42	<5
1,4-Dichlorobenzene	7.54	4.54 J	6.35	5.07
1,2-Dichloroethane	<1	<5	1.71	<5
Ethyl benzene	4.14	<5	1.55	<5
Naphthalene	<5	<5	14.7	<5
Styrene	3.16	<5	2.36	<5
1,2,3-Trichlorobenzene	<5	<5	6.64	<5
1,2,4-Trichlorobenzene	<5	<5	1.80 J	<5
1,2,4-Trimethylbenzene	<1	<5	1.3	<5
1,3,5-Trimethylbenzene	1.04	<5	1.57	<5
Xylenes (total)	8.31	<5	7.41	<5
Dioxathion				
Dioxenethion	<0.4	<0.4	<0.4	<0.4
Dioxathion (cis)	<0.4	<0.4	<0.4	<0.4
Dioxathion (trans)	<0.4	<0.4	<0.4	<0.4

Notes:

< Indicates analyte not detected at or above listed method detection limit (MDL).

PQL is set as low point on the curve.

J result is estimated concentration above MDL but below PQL.

Water concentration in micrograms per Liter (µg/L).

Sediment concentration in micrograms per kilogram (µg/kg).

TABLE 7
SUMMARY OF QUALITY ASSURANCE / QUALITY CONTROL
Samples Collected August 12 - 13, 2003
HERCULES, INC.
Hattiesburg, Mississippi

Analytes	Concentrations in micrograms per Liter (µg/L)									
	BD-1 (Water - Blind Duplicate)	GP-7 (Water)	BD-2 (Water - Blind Duplicate)	GP-10 (Water)	BD-3 (Water - Blind Duplicate)	MW-1 (Water)	RS-1 (Rinsate)	GP-8 (Water)	GP-8 Dup (Water)	TRG[1]
Benzene	**26.13**	**89.6**	<1	<1	<1	<1	<1	<1	<1	5
Toluene	<1	8.35	<1	<1	<1	<1	<1	10.4	7.5	1000
tert-Butylbenzene	<1	<1	<1	<1	<1	1.34	<1	<1	<1	243
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	2.7	<1	<1	<1	600
1,3-Dichlorobenzene	<1	<1	<1	<1	<1	1.39	<1	<1	<1	5.48
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	2.2	<1	<1	<1	75
Hexachlorobutadiene	<1	<1	<1	<1	<1	**5.05**	<1	<1	<1	0.859
p-Isopropyltoluene	<1	<1	<1	<1	<1	1.34	<1	11.1	11.5	NA
Naphthalene	<5	<5	<5	<5	<5	<5	<5	**52.4**	**55.7**	6.2
1,2,3-Trichlorobenzene	<5	<5	<5	<5	<5	1.4J	<5	<5	<5	NA
1,2,4-Trimethylbenzene	<5	<5	<5	<5	<5	1.23	<5	<5	<5	12.3

Analytes	Concentrations in micrograms per Liter (µg/L)									
	BD-02 (Water - Blind Duplicate)	GP-10 (Water)	BD-3 (Water - Blind Duplicate)	MW-1 (Water)	RS-01 (Rinsate)	GP-08 (Water)	GP-08 Dup (Water)	GP-08 Matrix Spike (Water)	GP-08 Matrix Spike Dup (Water)	TRG[1]
Dioxenethion	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	4.56	4.85	NA
Dioxathion (cis)	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	5.3	4.43	NA
Dioxathion (trans)	<0.4	<0.4	<0.4	<0.4	<0.4	1.52	<0.4	4.81	4.77	NA
Total Dioxathion (cis and trans)	<0.8	<0.8	<0.8	<0.8	<0.8	1.52	<0.8	NA	NA	54.8

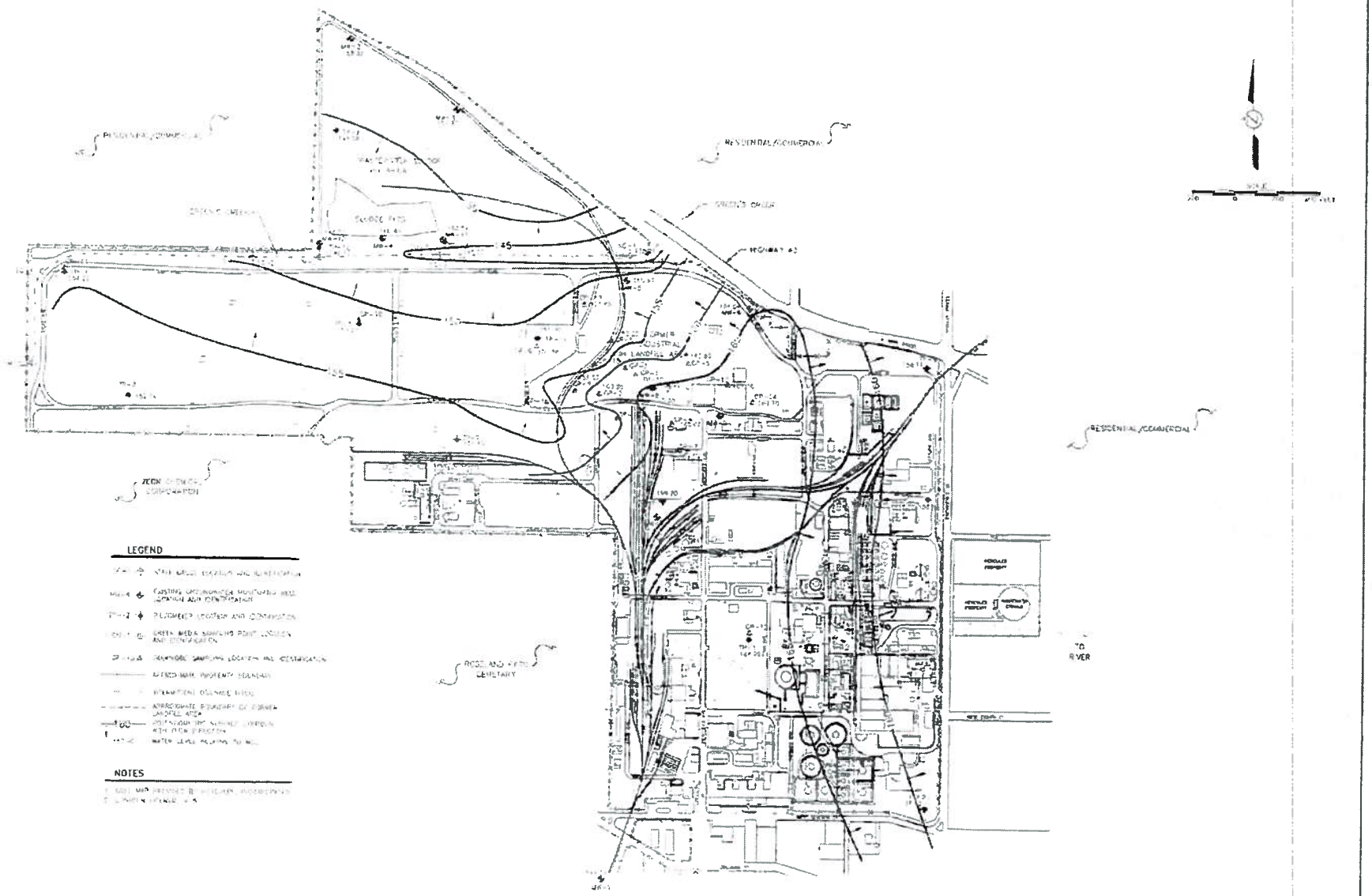
Notes:

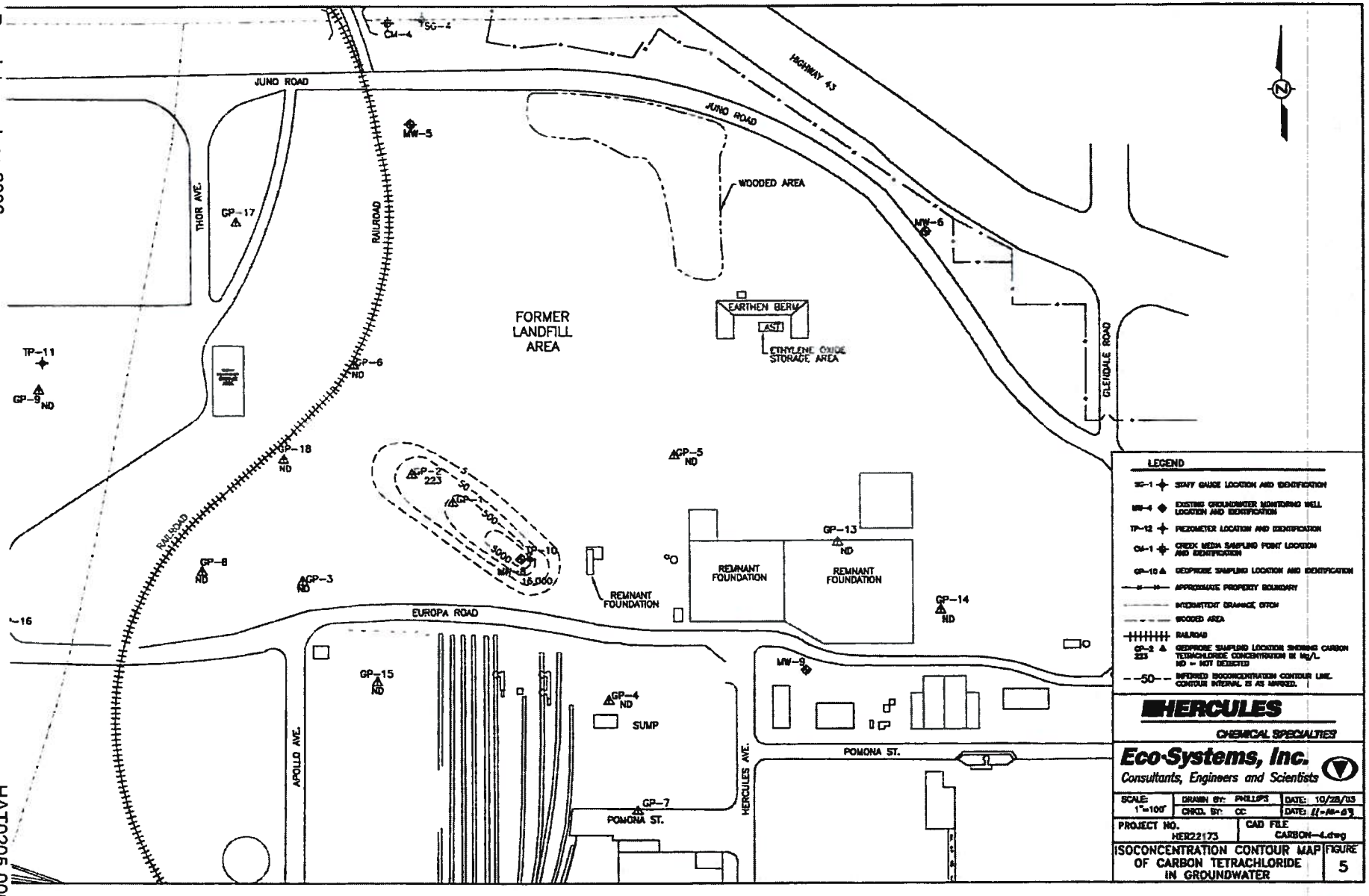
< indicates analyte not detected at or above listed method detection limit (MDL).

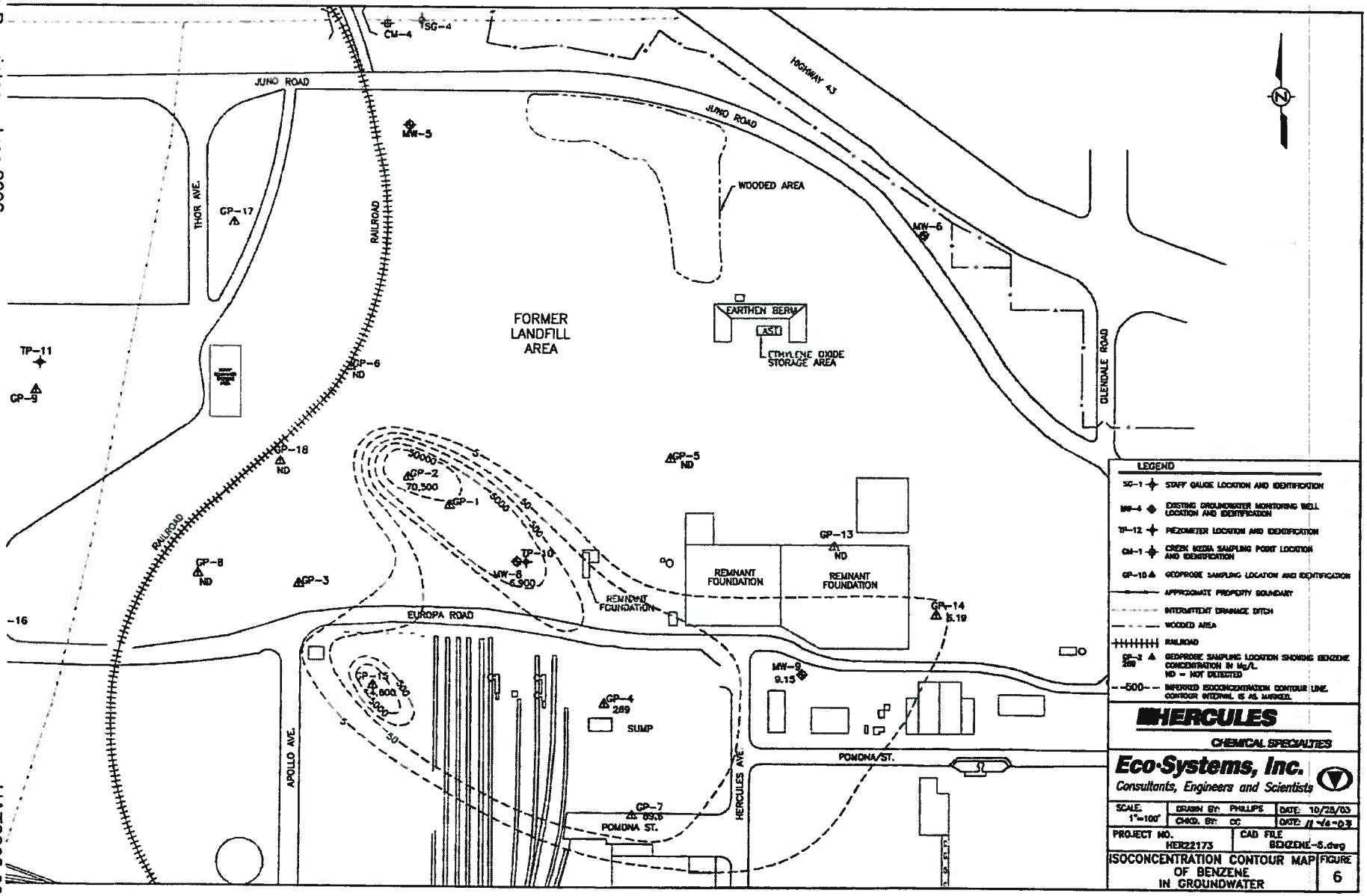
PQL is set as low point on the curve.

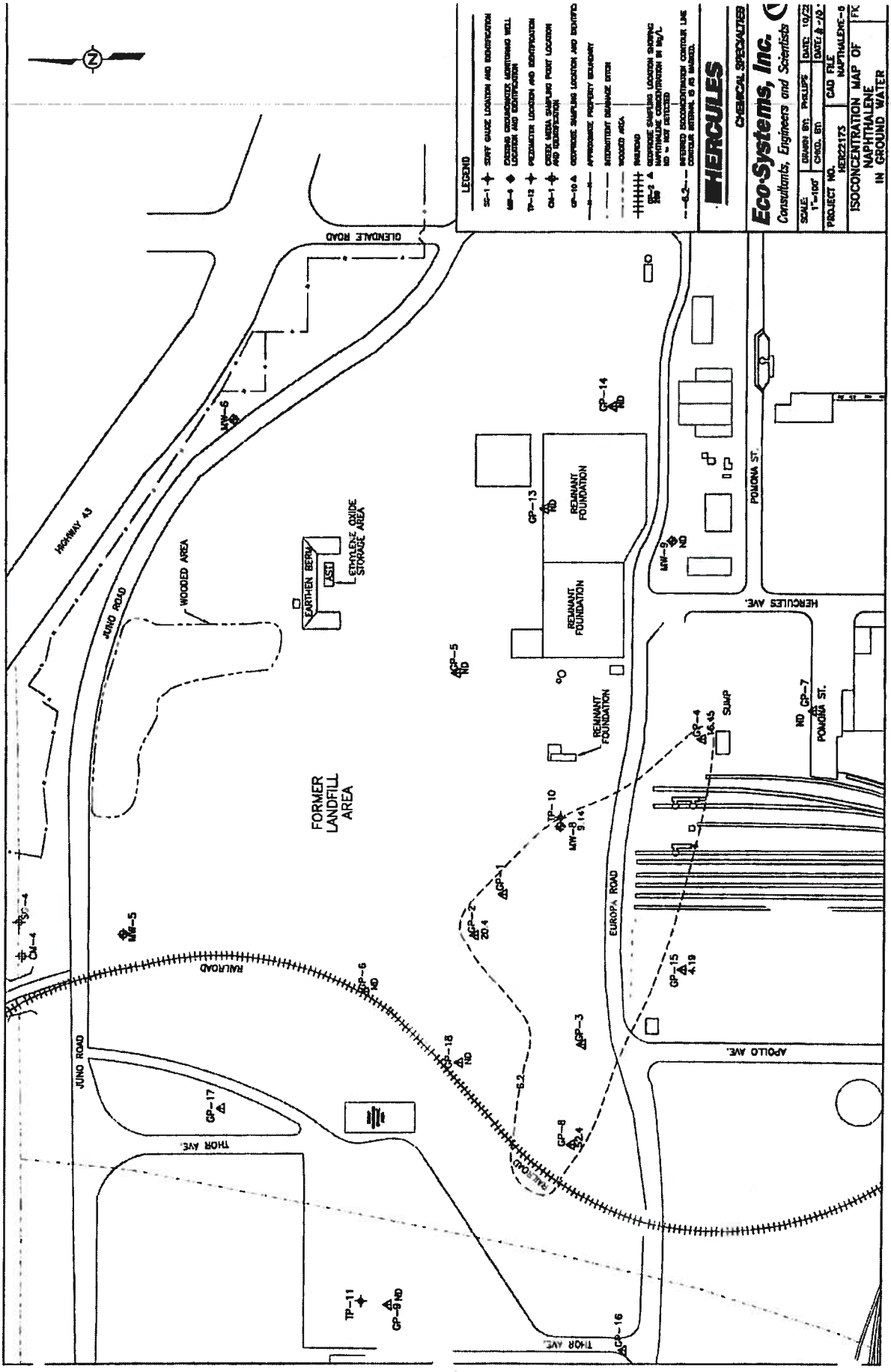
NA - Not applicable.

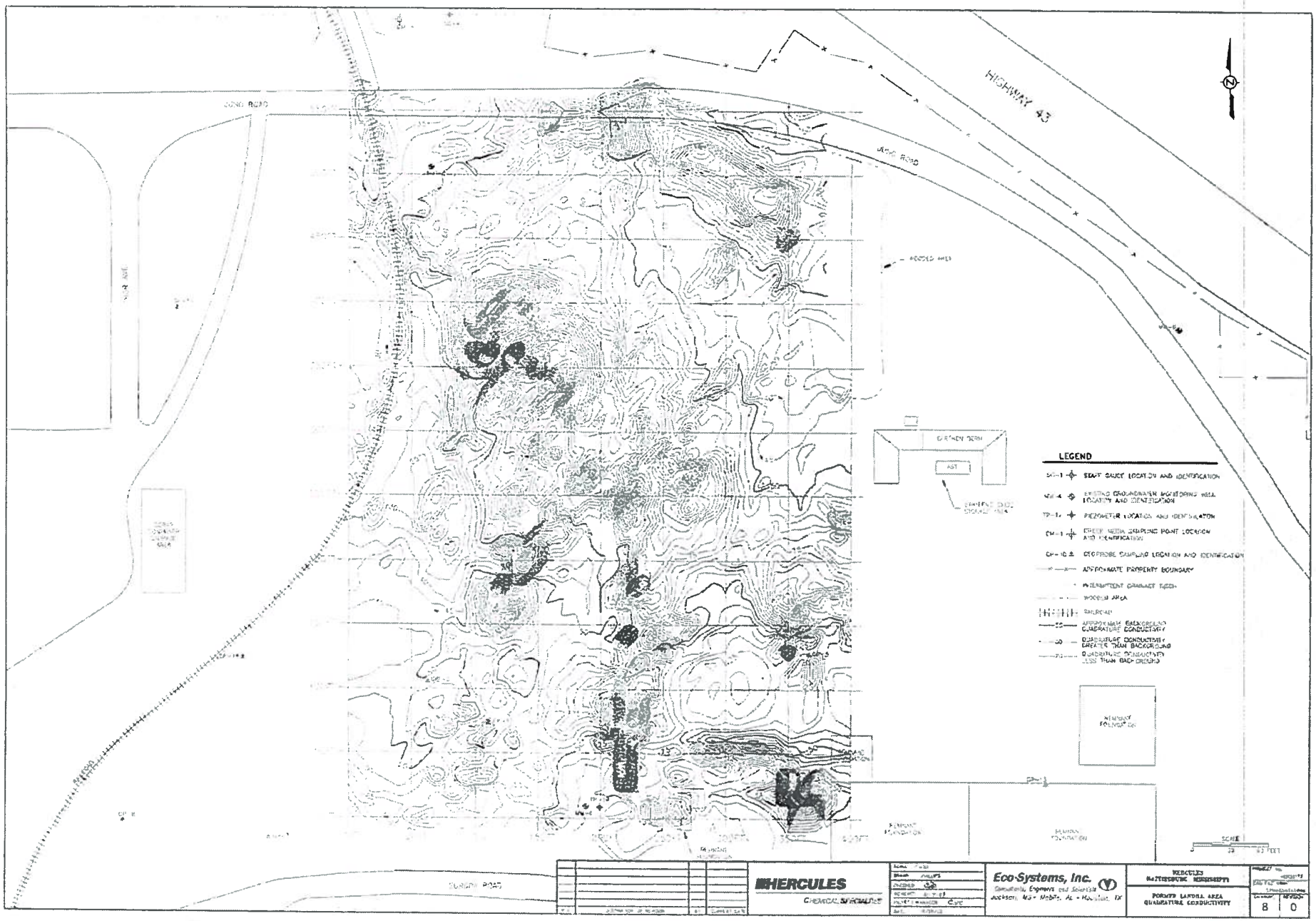
[1] Target Remediation Goals (TRG) are taken from the Tier 1 Goals Table of the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi, MDEQ, March 2001. Bold text indicates concentration above applicable TRGs.

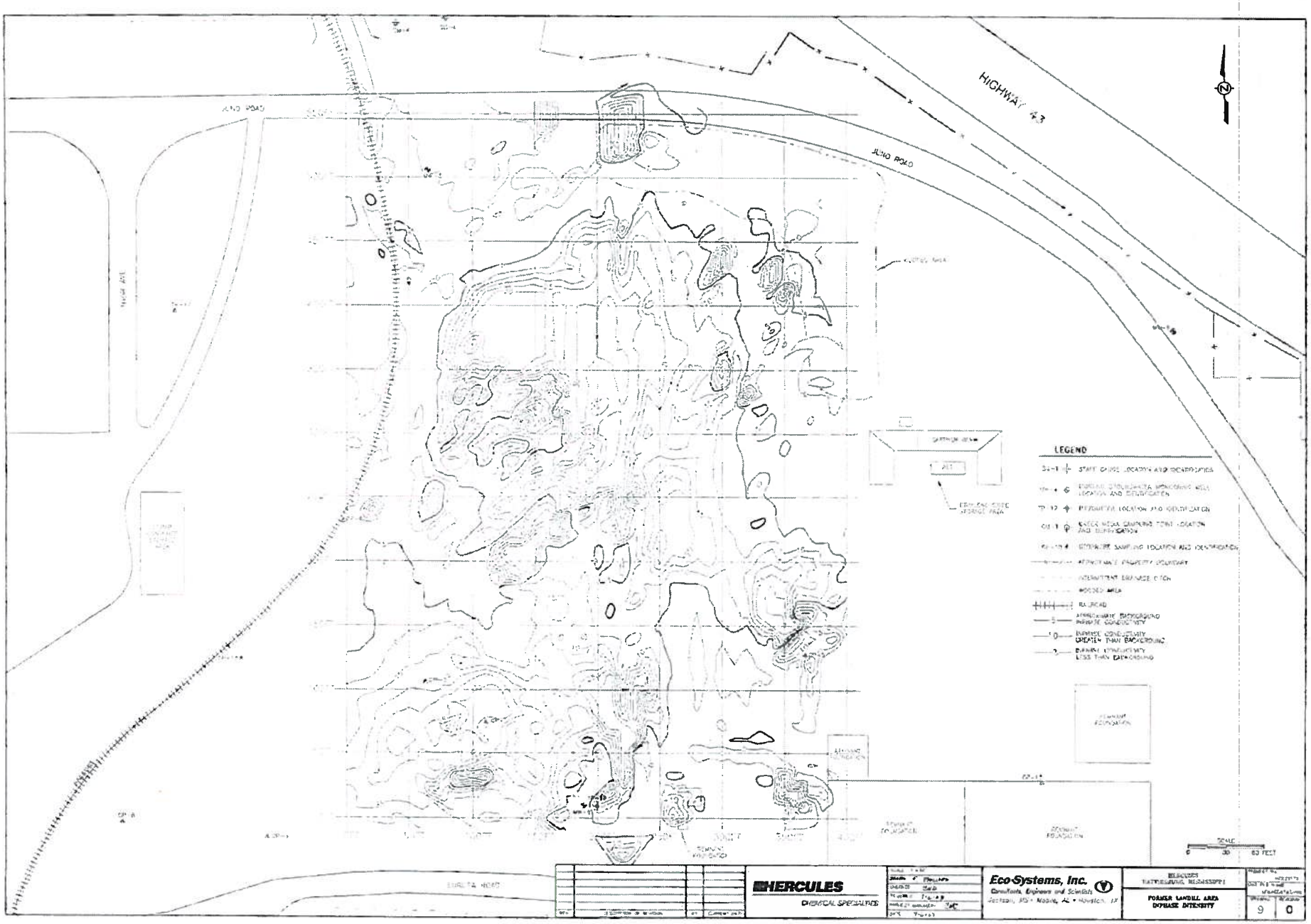


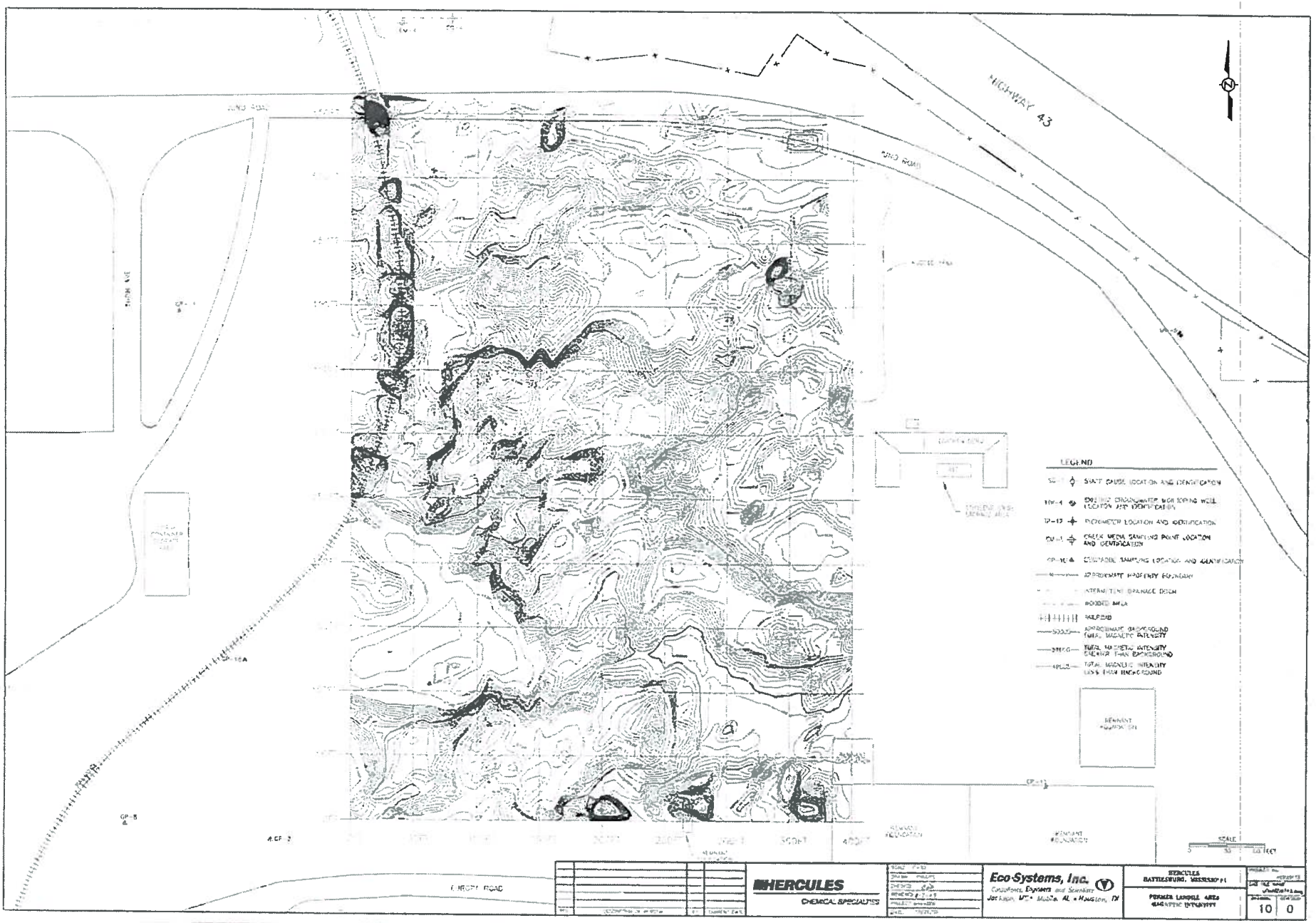


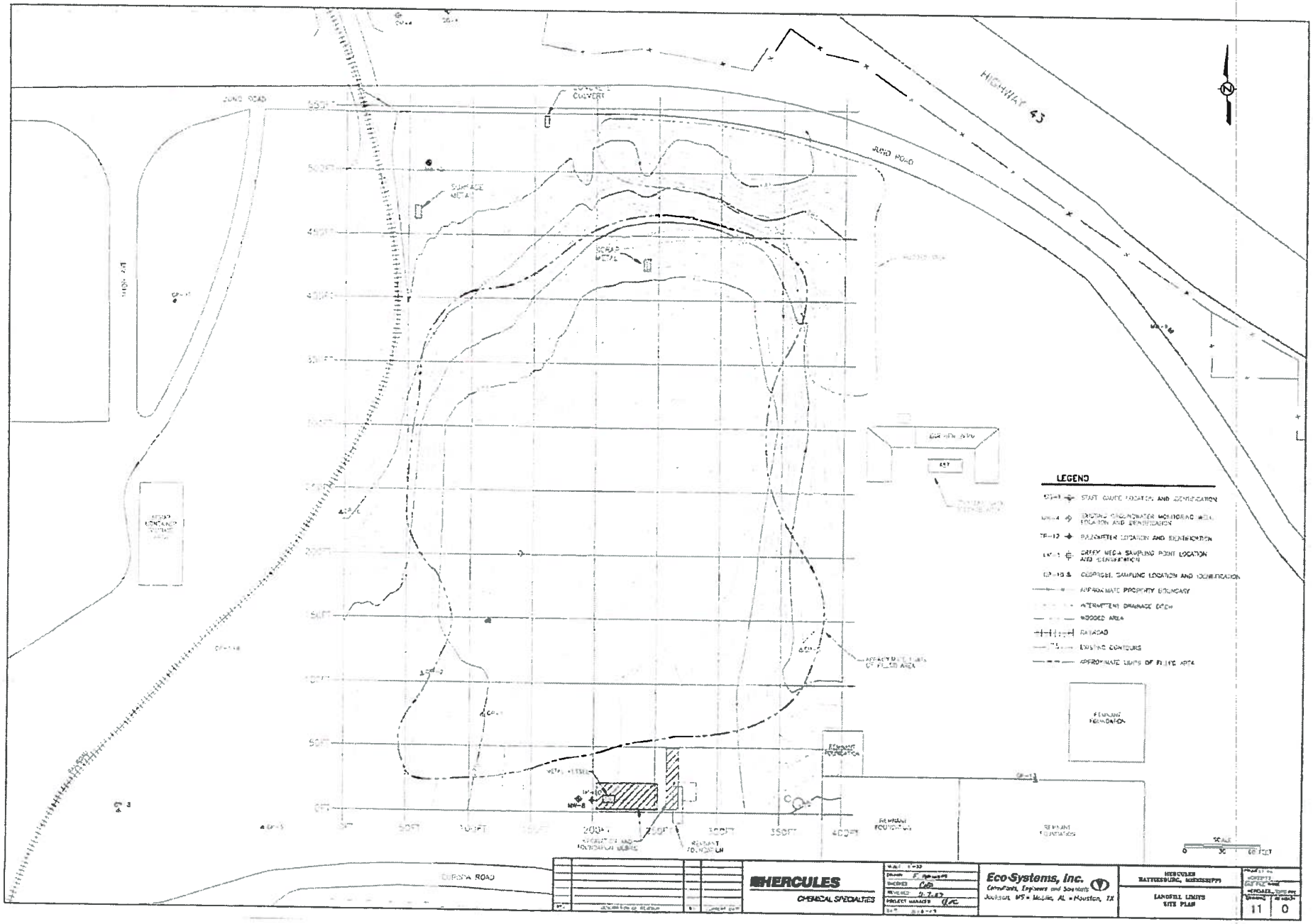


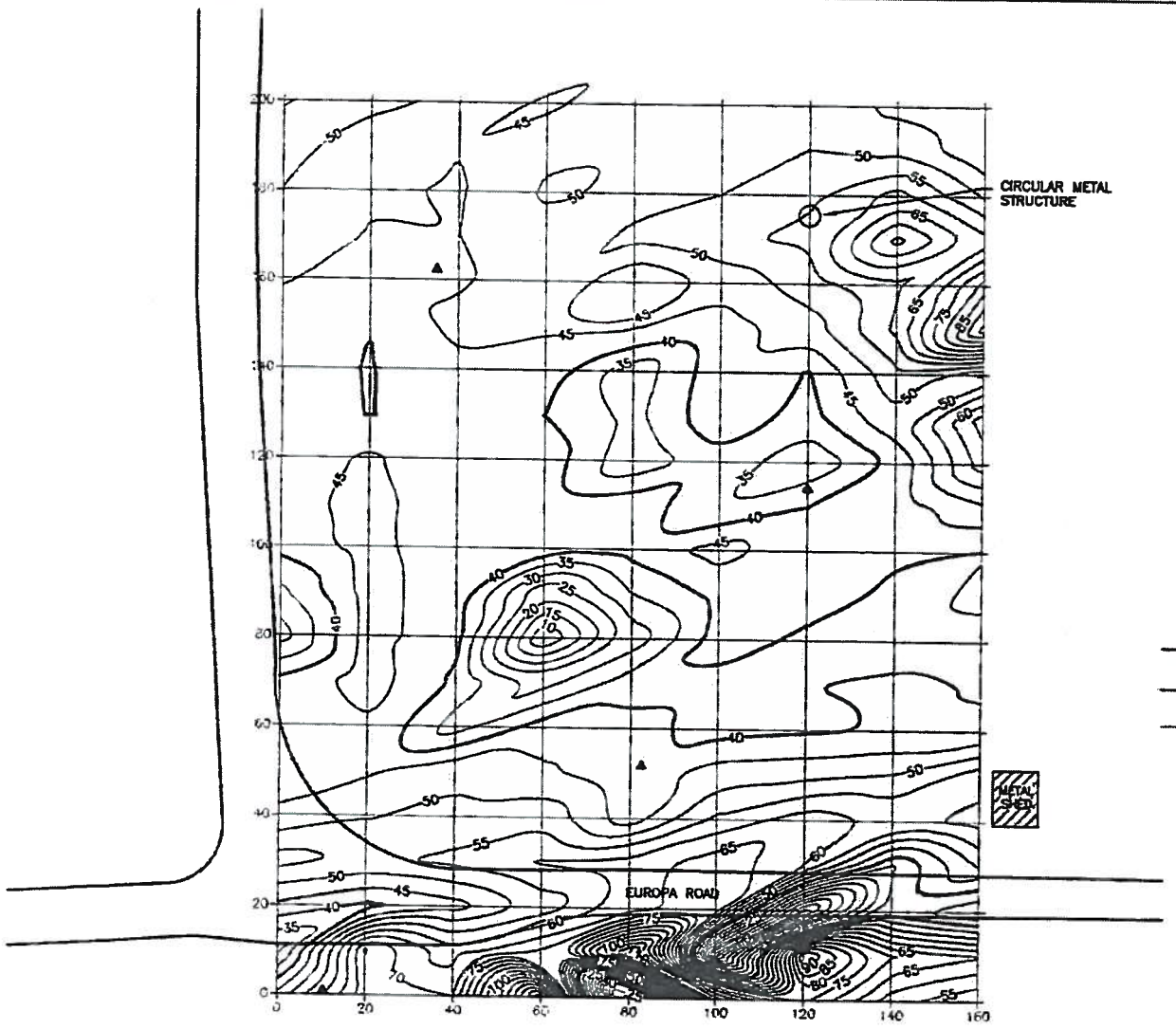

LEGEND
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
ISOCONCENTRATION MAP OF NAPHTHALENE IN GROUND WATER
HERCULES AVE.
POMONA ST.
REMNANT FOUNDATION
EARTHEN BERM
ETHYLENE OXIDE STORAGE AREA
WOODED AREA
FORMER LANDFILL AREA
SUMP
EUROPA ROAD
APOLLO AVE.
THOR AVE.
JUNO ROAD
RAILROAD
OLENDALE ROAD
HIGHWAY 43


HIGHWAY 43
JUNE ROAD
JUNE ROAD
SWAMP ROAD
GARDEN DEPT.
AST
LEGEND
SG-1 STAFF GAUGE LOCATION AND IDENTIFICATION
MW-4 EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION
TP-1 PIEZOMETER LOCATION AND IDENTIFICATION
SW-1 SURFACE WATER SAMPLING POINT LOCATION AND IDENTIFICATION
GP-10 GEOPROBE SAMPLING LOCATION AND IDENTIFICATION
APPROXIMATE PROPERTY BOUNDARY
INTERMITTENT DRAINAGE FLOW
WOODED AREA
RAILROAD
APPROXIMATE BACKGROUND QUADRATURE CONDUCTIVITY
QUADRATURE CONDUCTIVITY GREATER THAN BACKGROUND
QUADRATURE CONDUCTIVITY LESS THAN BACKGROUND
SCALE
0 35 70 FEET
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
Jackson, MS • Mobile, AL • Houston, TX
HERCULES
BATTERSBURG, MISSISSIPPI
FORMER LANDFILL AREA
QUADRATURE CONDUCTIVITY
8
0




HIGHWAY 43
KING ROAD
TAYLOR AVE
LEGEND
SCALE
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
HERCULES
BATTLESBURG, MISSISSIPPI
PROPOSED LANDFILL AREA
MAGNETIC INTENSITY
10
0


HIGHWAY 43
JUMO ROAD
CULVERT
SURFACE MEAS
SCRAP METAL
LEGEND
STAFF GAUGE LOCATION AND IDENTIFICATION
EXISTING GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION
PIEZOMETER LOCATION AND IDENTIFICATION
CARREY MEDIA SAMPLING POINT LOCATION AND IDENTIFICATION
CLEGRIDGE SAMPLING LOCATION AND IDENTIFICATION
APPROXIMATE PROPERTY BOUNDARY
INTERMITTENT DRAINAGE DITCH
WOODED AREA
RAILROAD
EXISTING CONTOURS
APPROXIMATE LIMITS OF FILLED AREA
REMNANT FOUNDATION
REMNANT FOUNDATION WALLS
SCALE
0
50
100 FEET
CHEROKEE ROAD
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
Jackson, MS • Mobile, AL • Houston, TX
HERCULES
HATTIESBURG, MISSISSIPPI
LANDFILL LIMITS
SITE PLAN
11
0



CONTOUR INTERVAL = 5 MILLISIEMENS/METER (MS/M)

LEGEND

- ▲ SMALL SCRAP
- 40 — APPROXIMATE BACKGROUND QUADRATURE CONDUCTIVITY
- 60 — QUADRATURE CONDUCTIVITY GREATER THAN BACKGROUND
- 20 — QUADRATURE CONDUCTIVITY LESS THAN BACKGROUND

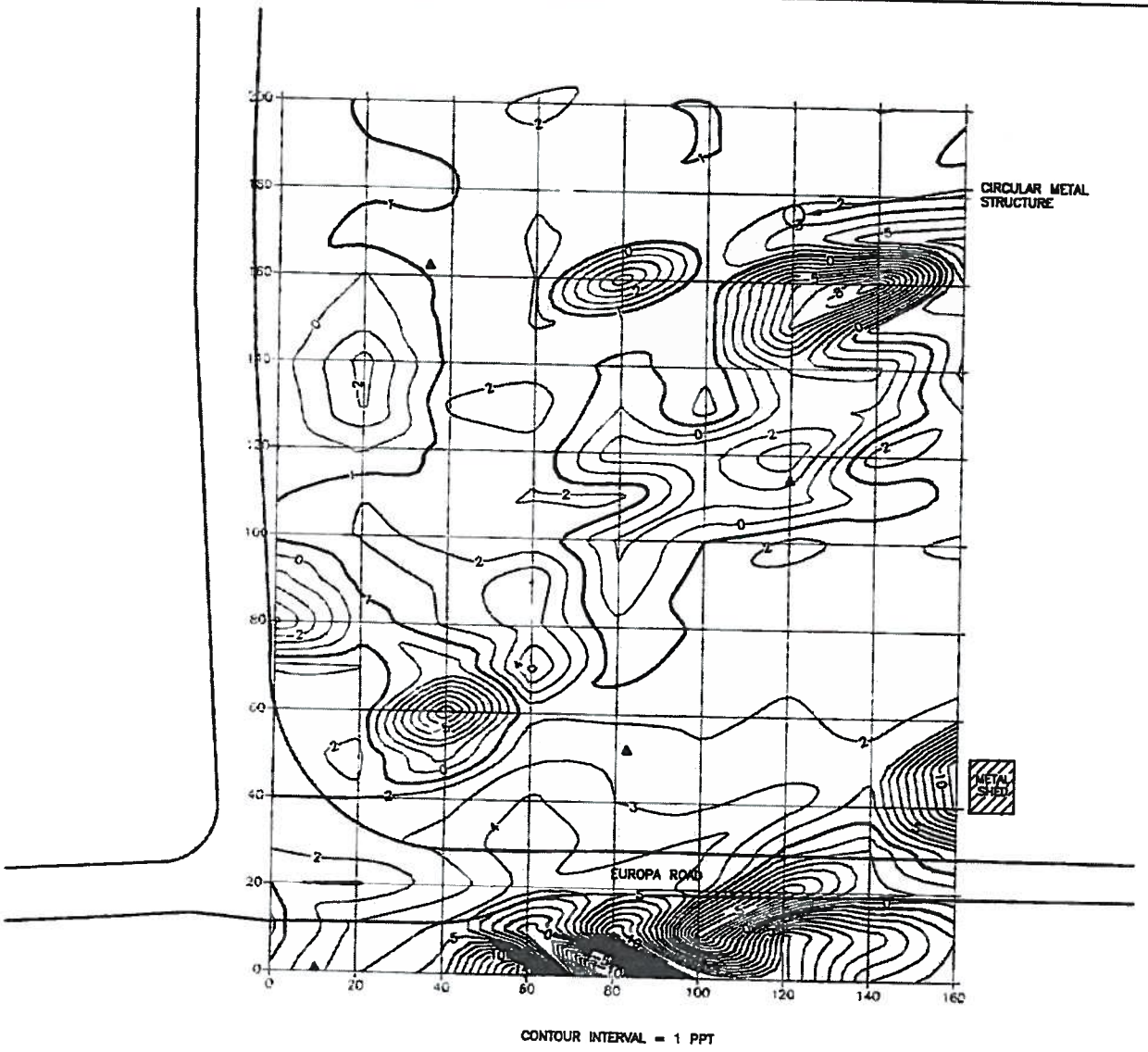
HERCULES
CHEMICAL SPECIALTIES

Eco-Systems, Inc.
Consultants, Engineers and Scientists

SCALE 1"=25'	DRAWN BY: PHILLIPS	DATE: 10/21/03
	CHKD. BY: CMD	DATE: 11-7-03
PROJECT NO. HER22173	CAD FILE QUADRATURE1.dwg	

SMALL GEOPHYSICS GRID
QUADRATURE CONDUCTIVITY

FIGURE 12



CONTOUR INTERVAL = 1 PPT

LEGEND

- ▲ SMALL SCRAP
- 1 — APPROXIMATE BACKGROUND INPHASE CONDUCTIVITY
- 2 — INPHASE CONDUCTIVITY GREATER THAN BACKGROUND
- -3 — INPHASE CONDUCTIVITY LESS THAN BACKGROUND

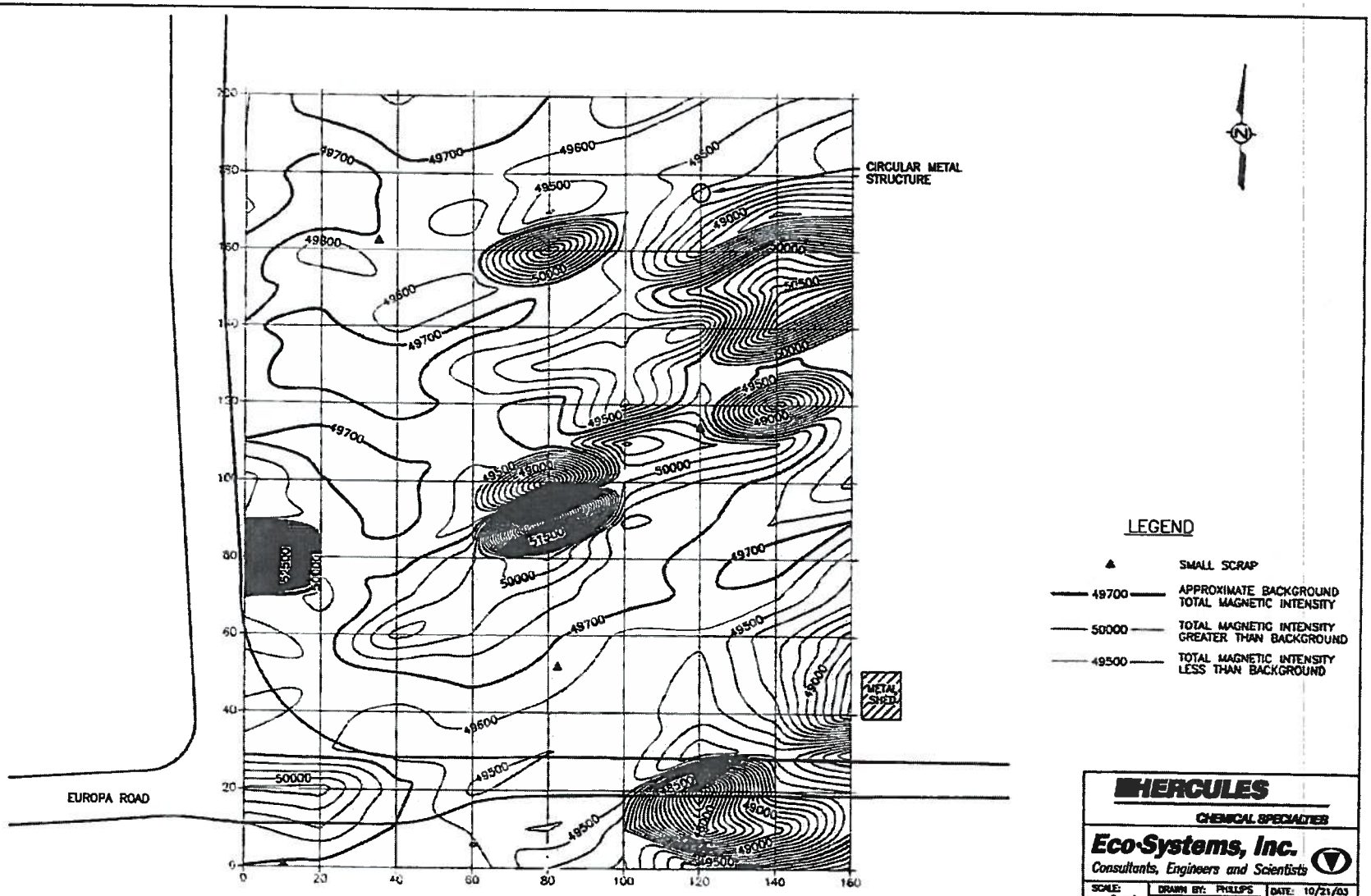
HERCULES
CHEMICAL SPECIALTIES

Eco-Systems, Inc.
Consultants, Engineers and Scientists

SCALE: 1"=25'	DRAWN BY: PHILLIPS	DATE: 10/21/03
	CHKD. BY: [illegible]	DATE: 11-7-03
PROJECT NO. HER22173	CAD FILE INPHASE1.dwg	

SMALL GEOPHYSICS GRID
INPHASE CONDUCTIVITY

FIGURE 13



CONTOUR INTERVAL = AS SHOWN

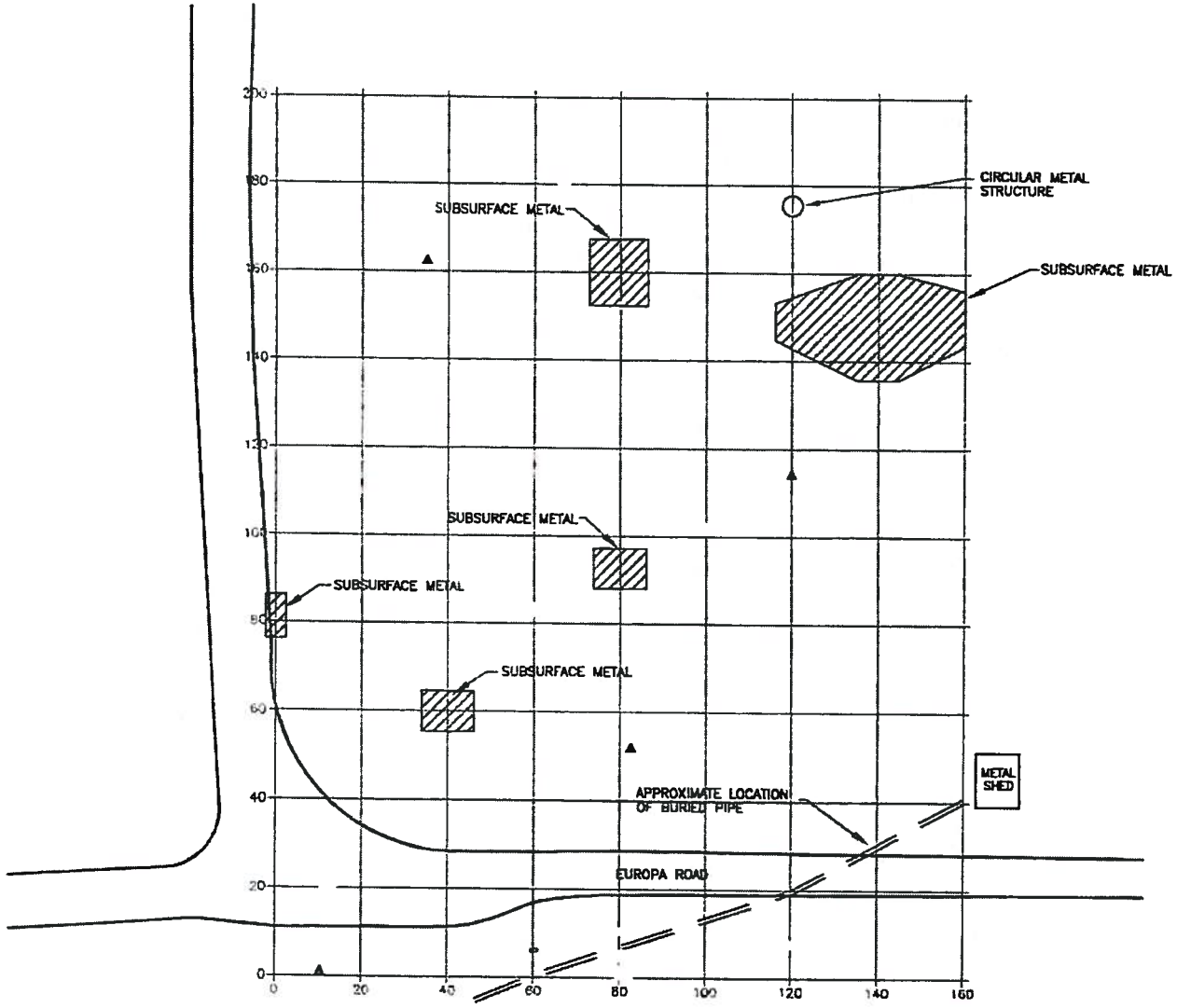
HERCULES
CHEMICAL SPECIALTIES

Eco-Systems, Inc.
Consultants, Engineers and Scientists

SCALE: 1"=25'	DRAWN BY: PHILLIPS	DATE: 10/21/03
	CHKD. BY:	DATE: 11-7-03
PROJECT NO. HER22173	CAD FILE SMGRD-MAG1.dwg	

SMALL GEOPHYSICS GRID
TOTAL MAGNETIC INTENSITY

FIGURE 14



LEGEND

▲ SMALL SCRAP

HERCULES
CHEMICAL SPECIALTIES

Eco-Systems, Inc.
Consultants, Engineers and Scientists

SCALE: 1"=25'	Drawn By: PHILLIPS	DATE: 10/28/03
	CHKD. BY: GJD	DATE: 11-7-03
PROJECT NO. HER22173	CAD FILE SURFACE-FEATURES.dwg	

SURFACE FEATURES AND ACCUMULATIONS OF BURIED METAL

FIGURE 15

ARCADIS

Appendix B-3

2009 Groundwater Assessment Report (11-10-09)

TABLE 2

GROUNDWATER ANALYTICAL SUMMARY
VOLATILE ORGAINIC COMPOUNDS
HERCULES, INC.
HATTIESBURG, MISSISSIPPI
(Parameters reported above the method detection limit)

Parameter	Monitoring Well ID						MDEQ TRG
	MW-20	MW-21	MW-22	MW-23[1]	MW-23 (Duplicate)[2]	MW-24	
Acetone	<25	<1,200	86	*1,600*	<2,500	<25	608
Benzene	<1.0	*4,400*	*9.8*	*9,200*	*8,900*	<1.0	5.0
Chlorobenzene	<1.0	*170*	7.7	*190*	*200*	<1.0	100
Chloroform	<1.0	*6,800*	<1.0	*1,400*	*1,500*	<1.0	0.155
Methylene Chloride	<5.0	<250	<5.0	*290*	<500	<5.0	5.0
4-Methyl-2-pentanone	<10	*640*	11	*1,300*	*1,200*	<10	139
Toluene	<1.0	*4,800*	<1.0	*3,300*	*3,300*	<1.0	1,000

Notes:

Samples collected September 28, 2009
All analytical results in µg/l (micrograms per liter)
Volatile Organic Compound analysis conducted per EPA Test Method 8260B
MDEQ-TRG – Mississippi Department of Environmental Quality-Target Remedial Goal
< = below method detection limit (MDL)
Dup – field duplicate
Bold red italics indicates concentration exceeds MDEQ-TRG
[1] Method detection limit increased due to necessary sample dilution factor of 50
[2] Method detection limit increased due to necessary sample dilution factor of 100

TABLE 3

GROUNDWATER ANALYTICAL SUMMARY
SEMI-VOLATILE ORGAINIC COMPOUNDS
HERCULES, INC.
HATTIESBURG, MISSISSIPPI
(Parameters reported above the method detection limit)

Parameter	Monitoring Well ID						MDEQ TRG
	MW-20[2]	MW-21[3]	MW-22[4]	MW-23[5]	MW-23[5] Duplicate)	MW-24	
1,1-Biphenyl	<9.5	*730*	*2,600*	280	*330*	<9.4	304
Phenol	<9.5	140	4,600	180	250	<9.4	21,900
Naphthalene	<9.5	<95	<190	<95	<95	<9.4	6.20
1,4-Dioxane	<9.5	*670*	<190	*850*	*1,100*	<9.4	6.09
3 & 4 Methylphenol	<9.5	160	<190	*490*	*610*	<9.4	201[1]

Notes:

Samples collected September 28, 2009
All analytical results in µg/l (micrograms per liter)
Semi-Volatile Organic Compound analysis conducted per EPA Test Method 8270C
MDEQ-TRG – Mississippi Department of Environmental Quality-Target Remedial Goal
< = below method detection limit
Bold red italics indicates concentration exceeds MDEQ-TRG
[1] *Combined value for 3-Methylphenol (m-Cresol) and 4-Methylphenol (p-Cresol) TRGs*
[2] *Method detection limit increased due to necessary sample dilution factor of 2*
[3] *Method detection limit increased due to necessary sample dilution factor of 10*
[4] *Method detection limit increased due to necessary sample dilution factor of 20 &25*
[5] *Method detection limit increased due to necessary sample dilution factor of 10*

TABLE 4

GROUNDWATER ANALYTICAL SUMMARY
METALS
HERCULES, INC.
HATTIESBURG, MISSISSIPPI
(Parameters reported above the method detection limit)

Parameter	Monitoring Well ID						MDEQ TRG
	MW-20	MW-21	MW-22	MW-23	MW-23 Dup	MW-24	
Arsenic	<20	<20	<20	26	27	<20	5.000
Barium	84	65	130	51	52	280	2,000

Notes:
Samples collected September 28, 2009
All analytical results in µg/l (micrograms per liter)
Metals analysis conducted per EPA Test Method 6010B & 7470A
MDEQ-TRG – Mississippi Department of Environmental Quality-Target Remedial Goal
< = below method detection limit

TABLE 5

GROUNDWATER ANALYTICAL SUMMARY
DELNAV
HERCULES, INC.
HATTIESBURG, MISSISSIPPI
(Parameters reported above the Practical Quantitation Limit)

Parameter	Monitoring Well ID						MDEQ TRG
	MW-20	MW-21	MW-22	MW-23	MW-23 Dup	MW-24	
Dioxenethion	<0.40	185	<0.40	<0.40	202	<0.40	---
Dioxathion (cis)	<0.40	4.0	<0.40	<0.40	21.1	<0.40	---
Dioxathion (trans)	<0.40	8.6	<0.40	<0.40	19.4	<0.40	---
Total Dioxathion[1]	<0.80	12.6	<0.80	<0.80	40.5	<0.80	54.8

Notes:

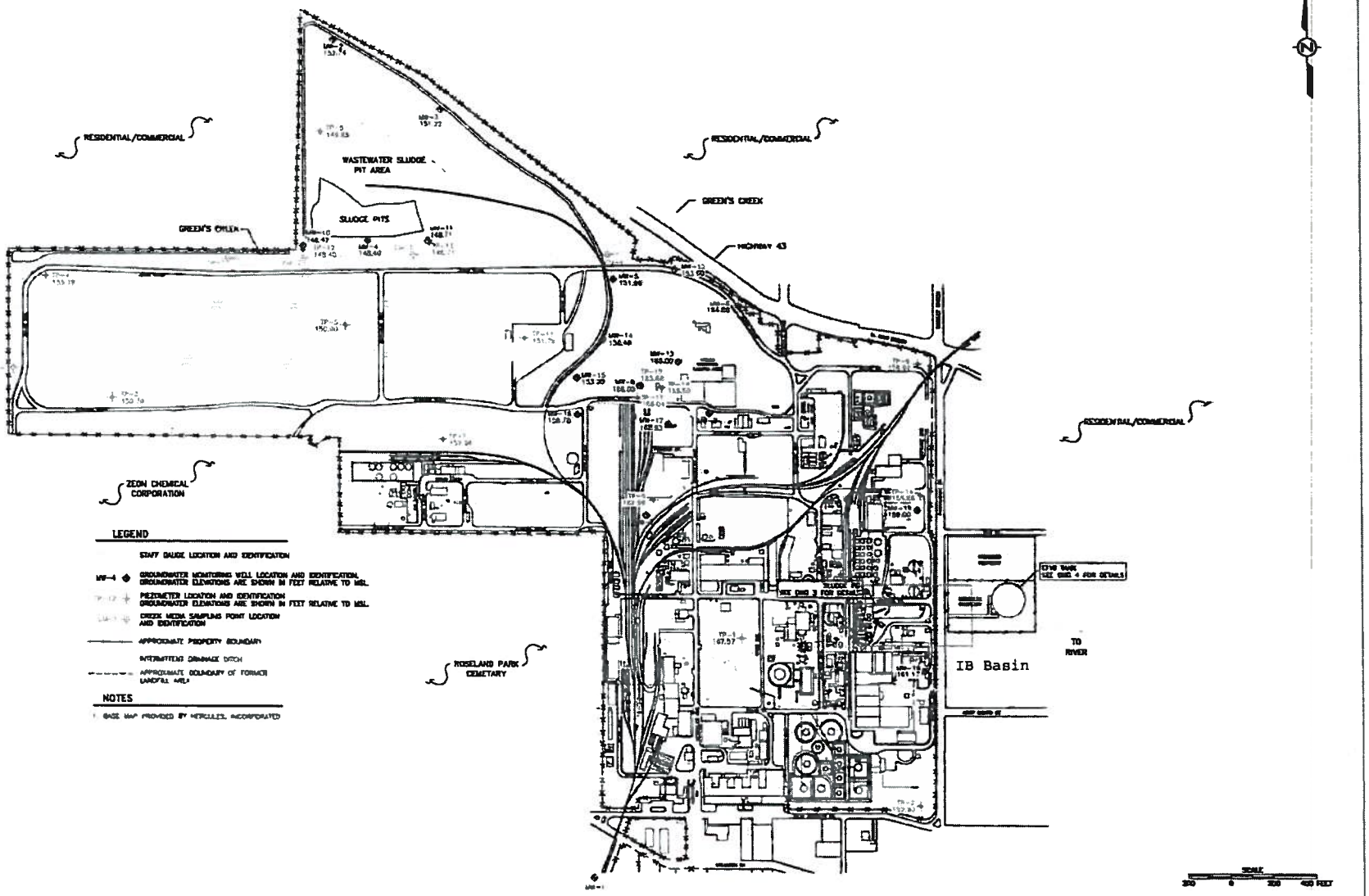
Samples collected September 28, 2009
All analytical results in µg/l (micrograms per liter)
Delnav analysis conducted per EPA Test Method 3510C (modified)
MDEQ-TRG – Mississippi Department of Environmental Quality-Target Remedial Goal
< = below the Practical Quantitation Limit (PQL)
--- = not applicable
Bold red italics indicates concentration exceeds MDEQ-TRG
[1] Combined number for dioxathion (cis), and dioxathion (trans)

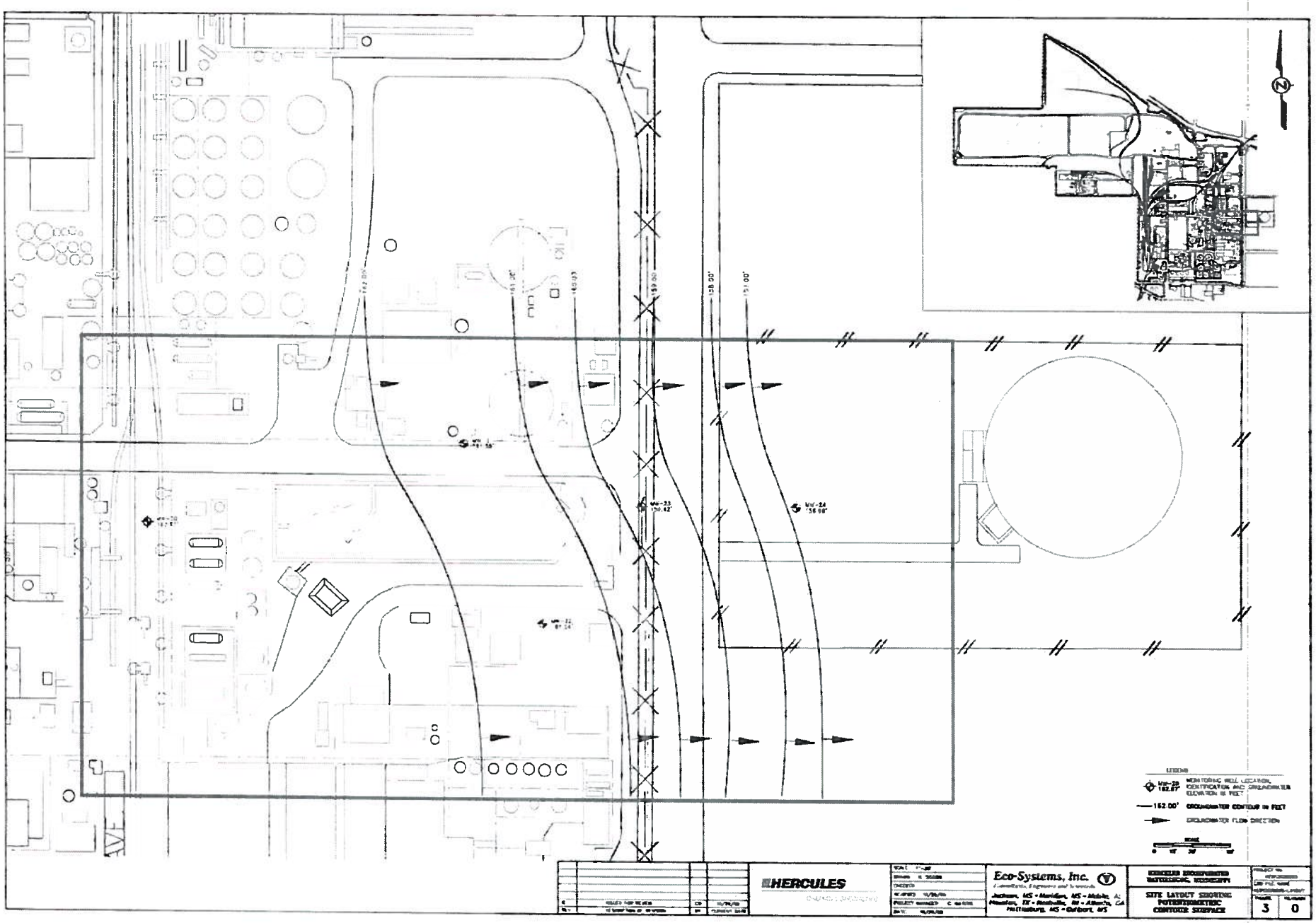
TABLE 6

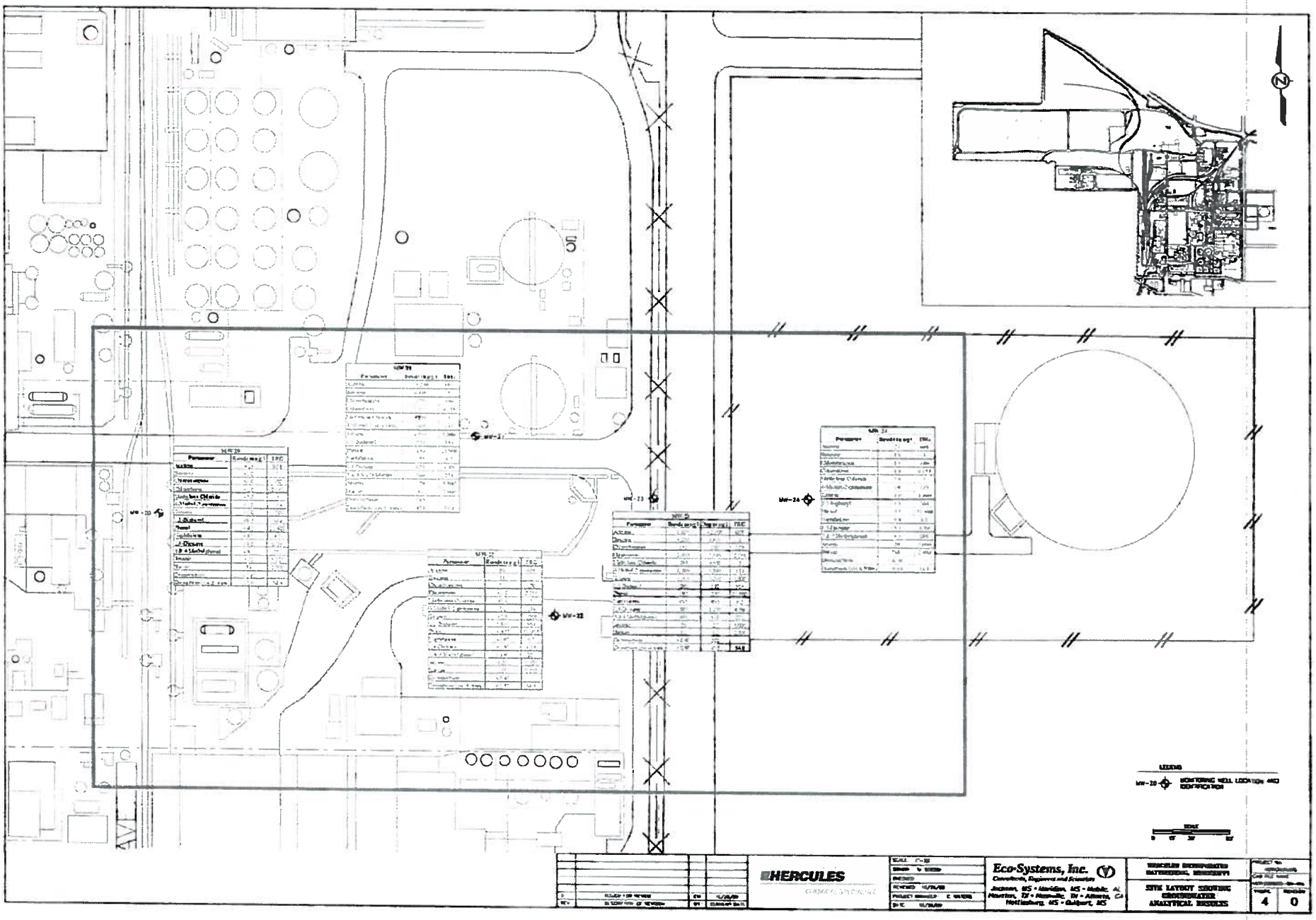
GROUNDWATER ANALYTICAL QA/QC SUMMARY
HERCULES, INC.
HATTIESBURG, MISSISSIPPI

Parameter	Rinsate Blank	Regular Sample MW-23	Duplicate Sample MW-23	Relative percent Difference
Acetone	<25	1600	<2500	NA
Benzene	<1.0	9200	8900	3.31
Chlorobenzene	<1.0	190	200	5.13
Chloroform	<1.0	1400	1500	6.90
Methylene chloride	<5.0	290	<500	NA
4-methyl-2-pentanone (MIBK)	<10	1300	1200	8.00
Toluene	<1.0	3300	3300	0.00
1,1-biphenyl	<9.4	260	330	23.7
1,4-dioxane	<9.4	790	990	22.5
3- & 4-methylphenol	<9.4	490	610	21.8
Phenol	<9.4	180	250	32.6
Arsenic	<20	26	27	3.77
Barium	11	51	52	1.94
Dioxenethion	<0.400	132	202	41.9
cis-Dioxathion	<0.400	17.6	21.1	18.1
trans-Dioxathion	<0.400	20.6	19.4	6.00

Notes: *All concentrations are ug/l.*
Rinsate samples were collected by rinsing deionized water through sample tubing.
Duplicate sample was diluted during analysis 100X.


RESIDENTIAL/COMMERCIAL
RESIDENTIAL/COMMERCIAL
WASTEWATER SLUDGE PIT AREA
SLUDGE PITS
GREEN'S CREEK
GREEN'S CREEK
HIGHWAY 43
RESIDENTIAL/COMMERCIAL
ZEON CHEMICAL CORPORATION
ROSELAND PARK CEMETARY
IB Basin
TO RIVER
LEGEND
STAFF GAUGE LOCATION AND IDENTIFICATION
GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION. GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL.
PIEZOMETER LOCATION AND IDENTIFICATION GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL.
CREEK MEDIA SAMPLING POINT LOCATION AND IDENTIFICATION
APPROXIMATE PROPERTY BOUNDARY
INTERMITTENT DRAINAGE DITCH
APPROXIMATE BOUNDARY OF FORMER LANDFILL AREA
NOTES
1. BASE MAP PROVIDED BY HERCULES, INCORPORATED
SCALE
350 0 350 700 FEET
HERCULES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
Jackson, MS • Meridian, MS • Mobile, AL
Houston, TX • Jackson, TN • Atlanta, GA
SITE LAYOUT
2
0


MW-23
MW-24
LEGEND
MONITORING WELL LOCATION, IDENTIFICATION AND GROUNDWATER ELEVATION IN FEET
GROUNDWATER CONTOUR IN FEET
GROUNDWATER FLOW DIRECTION
SCALE
HERCULES
Eco-Systems, Inc.
Jackson, MS • Meridian, MS • Mobile, AL
Houston, TX • Nashville, TN • Atlanta, GA
Hattiesburg, MS • Gulfport, MS
HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI
SITE LAYOUT SHOWING
POTENTIOMETRIC
CONTOUR SURFACE
3
0


MW-20
MW-21
MW-22
MW-23
MW-24
MW-25
N
HERCULES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
Jackson, MS • Meridian, MS • Mobile, AL
Houston, TX • Nashville, TN • Atlanta, GA
Hattiesburg, MS • Gulfport, MS
SITE LAYOUT SHOWING
CONCENTRATION
ANALYTICAL RESULTS
4
0

ARCADIS

Appendix B-4

2009 Hercules Draft Groundwater Report (2SA09)

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS

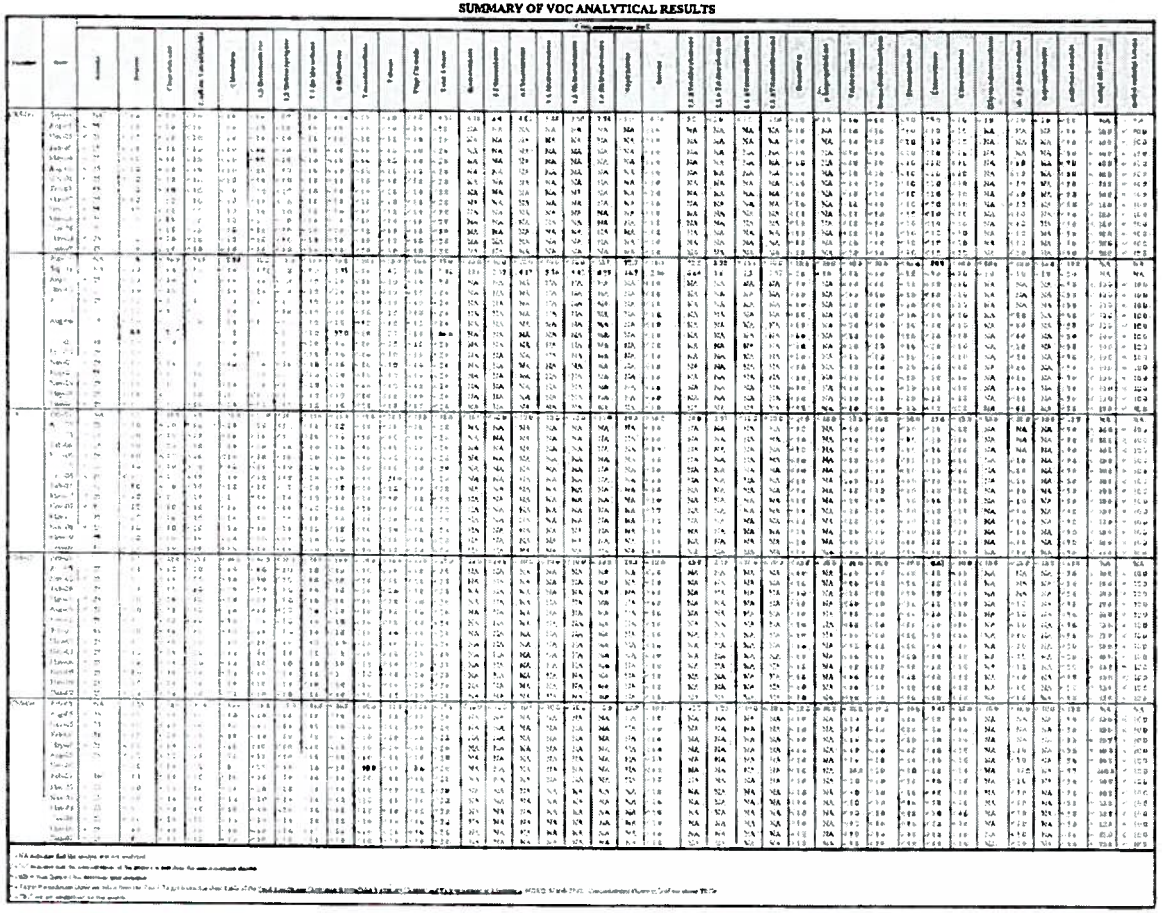


TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS

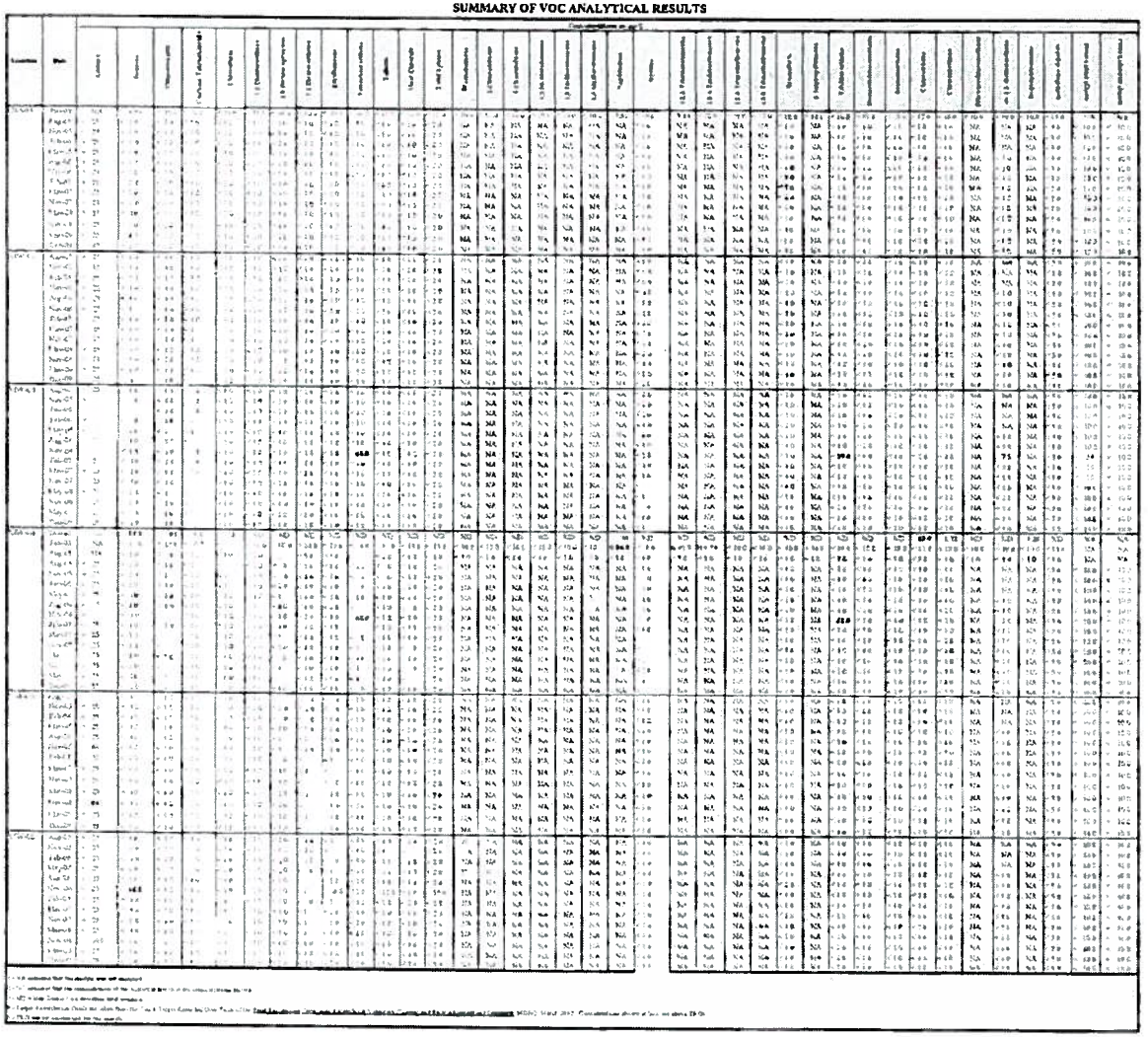


TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS

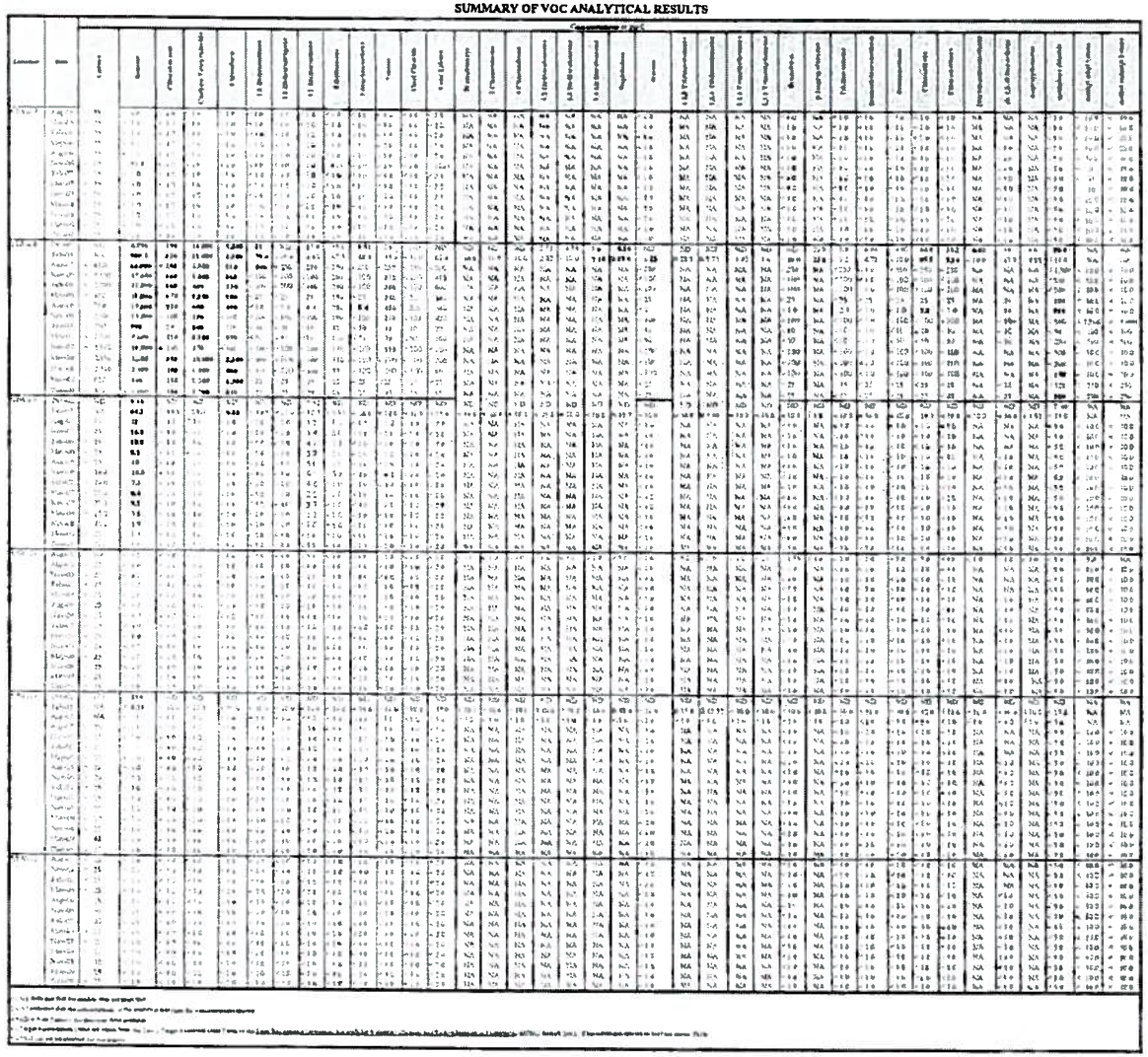


TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS

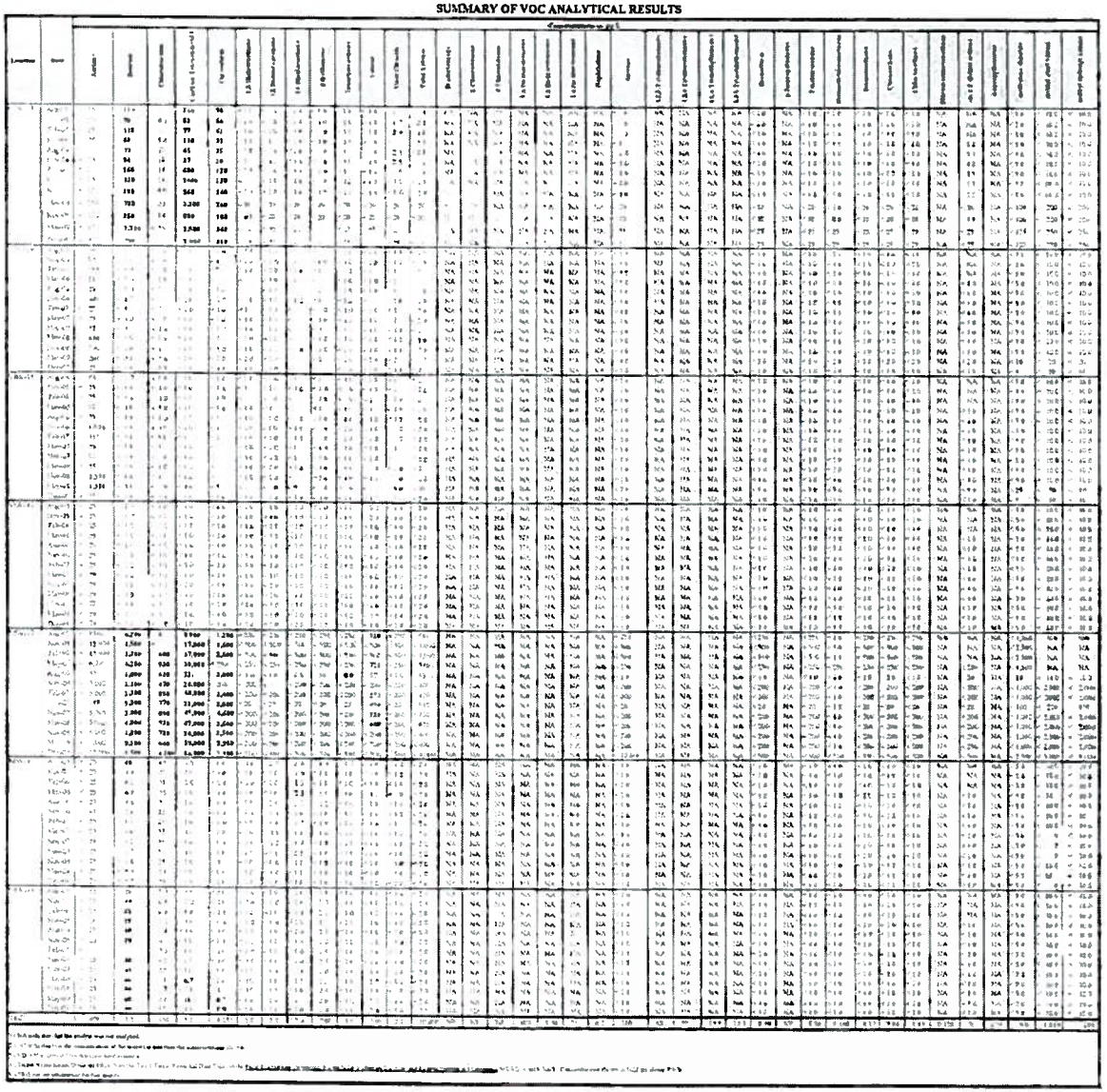
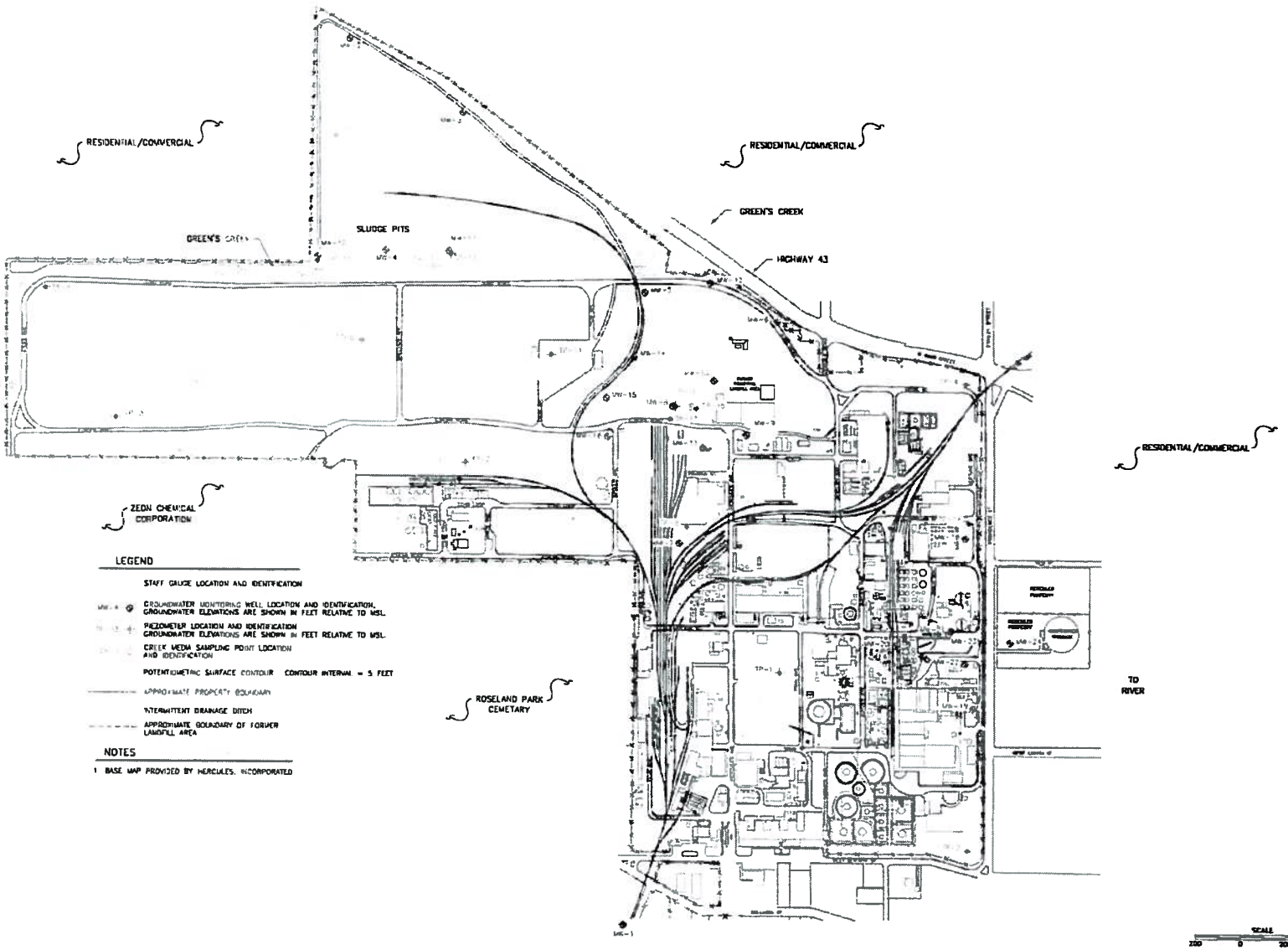


TABLE 3
SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS

Location	*Concentrations in µg/L*				
	Benzene	**Carbon Tetrachloride**	**Chlorobenzene**	**Toluene**	**Chloroform**
MW-04	< 1.0	< 1.0	< 1.0	< 1	1.0
MW-04 FD01	< 1.0	< 1.0	< 1.0	< 1	1.0
RPD	0%	0%	0%	0%	0%
MW-13	**790**	**2,000**	29	< 25	**310**
MW-13 FD02	**640**	**2,100**	26	< 25	**500**
RPD	21.0%	4.87%	3.92%	0%	46.9%
MW-17	**4,500**	**54,000**	**1200**	< 500	**7,100**
MW-17 FD03	**4,100**	**50,000**	**1,100**	< 500	**6,400**
RPD	9.30%	7.69%	8.70%	0%	10.4%
RS-01	< 1.0	< 1.0	< 1.0	< 1.0	1.0
RS-02	< 1.0	< 1.0	< 1.0	< 3.9	1.0
RS-03	< 1.0	< 1.0	< 1.0	< 2.3	1.0
TB-01	< 1.0	< 1.0	< 1.0	< 1	1.0
TB-02	< 1.0	< 1.0	< 1.0	< 1	1.0

1 - "<" indicates that the concentration of the analyte is less than the concentrations shown

2 - ND indicates that the data was not detected
2 - RPD = relative percent difference



HERCULES

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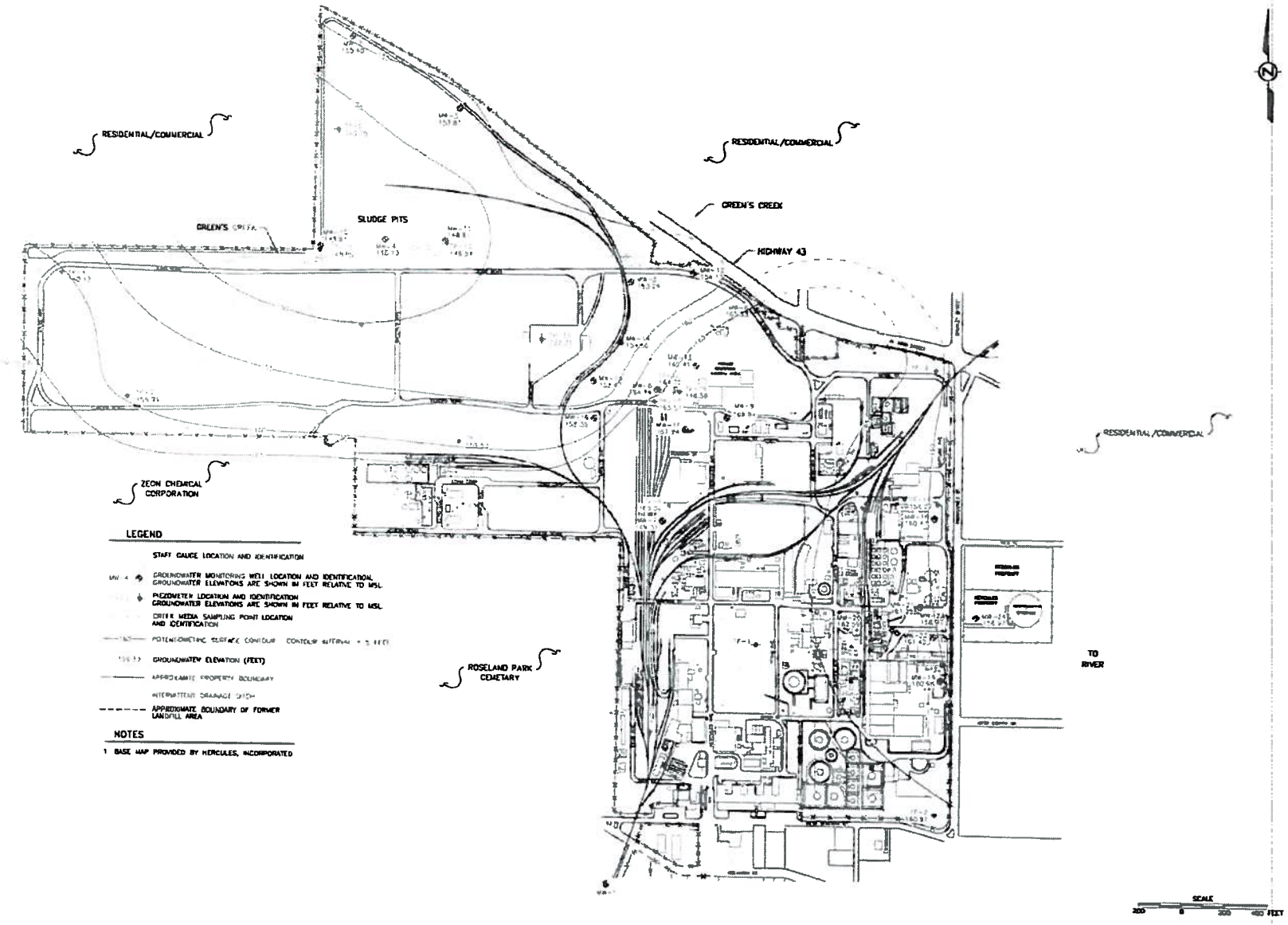
Consultants, Engineers and Scientists
Jackson MS • Meridian, MS • Mobile, AL
Houston, TX • Nashville, TN • Atlanta, GA
Hattiesburg, MS • Gulfport, MS

HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI

SITE MAP

PAGE 2 0


RESIDENTIAL/COMMERCIAL
RESIDENTIAL/COMMERCIAL
GREEN'S CREEK
SLUDGE PITS
GREEN'S CREEK
HIGHWAY 43
RESIDENTIAL/COMMERCIAL
ZEON CHEMICAL CORPORATION
ROSELAND PARK CEMETARY
TO RIVER
LEGEND
STAFF GAUGE LOCATION AND IDENTIFICATION
GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION. GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL.
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CREEK MEDIA SAMPLING POINT LOCATION AND IDENTIFICATION
GROUNDWATER ELEVATION (FEET)
APPROXIMATE PROPERTY BOUNDARY
APPROXIMATE BOUNDARY OF FORMER LANDFILL AREA
NOTES
1 BASE MAP PROVIDED BY HERCULES, INCORPORATED
SCALE
200 0 200 400 FEET
HERCULES
Eco-Systems, Inc.
POTENTIOMETRIC SURFACE MAP
(DECEMBER 7, 2000)
3
0

ARCADIS

Appendix B-5

Ecosystems-1st Semi-Annual
Groundwater Monitoring Report
(6-2010)

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS

May 2010

Hercules Incorporated

Hattiesburg, Mississippi

Location	Date	Concentrations in µg/l																																			
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,1,2-Trichloroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-dichloroethene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
CM-03	Sep-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	4.14	< 1.0	< 1.0	< 1.0	8.34	4.18	4.4	3.61	1.44	3.66	7.54	< 5.0	3.16	< 5.0	< 5.0	< 1.0	1.04	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
CM-01	Feb-03	NA	2.8	< 10.0	3.01	2.74	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 15.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	25.7	< 10.0	32.2	3.36	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	20.5	< 10.0	< 10.0	< 10.0	< 10.0	< 13.0	NA	NA
	Sep-03	NA	< 1.0	6.6	< 1.0	1.0	7.21	< 1.0	< 1.0	1.55	< 1.0	4.7	< 1.0	7.41	13.0	2.53	4.17	3.76	3.42	6.35	14.7	2.36	0.64	1.8	1.3	1.57	< 1.0	1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	62	8.4	24.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	57.0	< 1.0	2.2	< 1.0	86.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	49	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
CM-02	Feb-03	NA	1.37	< 10.0	1.5	10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 15.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	20.3	< 10.0	24.8	2.37	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	15.6	< 10.0	< 10.0	< 10.0	< 10.0	< 13.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	21.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	92	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	34	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1000	2.0	10000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3	8.48	NE	5.00	0.168	8.52	3.64	1.43	0.126	70	626	5.0	1,910	136

Notes

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi (MDEQ, March 2002)

NE = TRG not yet established for the compound

ND = non-detect / no detection limit available

B = compound detected in the associated method blank

J = estimated value

"*" indicates that although the compound was not detected above the method reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																							
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Bromoform	n-Propylbenzene	Trichlorofluoromethane	Bromodichloromethane	Bromomethane	Cis-1,3-Dichloropropene	Trans-1,3-Dichloropropene	Dibromochloromethane	Isopropylbenzene	Methyl tert-butyl ether	Methylene chloride	Methyl Isobutyl ketone
CM-03	Feb-03	NA	3.7	10.0	10.0	10.0	< 10.0	10.0	10.0	< 10.0	< 10.0	10.0	< 10.0	15.0	10.0	10.0	10.0	< 10.0	< 10.0	< 10.0	20.1	< 10.0	23.0	2.13	< 10.0	< 10.0	< 10.0	< 10.0	10.0	< 10.0	10.0	8.42	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA
	Aug-05	< 25	1.1	1.0	< 1.0	1.3	< 1.0	2.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	1.4	< 1.0	1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	1.1	1.0	1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	1.0	< 1.0	1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	25	4.8	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-08	25	1.9	1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-09	25	1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10	< 10
CM-04	Feb-03	NA	2.2	10.0	10.0	10.0	10.0	10.0	10.0	< 10.0	10.0	10.0	< 10.0	15.0	10.0	10.0	10.0	10.0	10.0	10.0	13.6	< 10.0	12.2	1.26	10.0	10.0	10.0	< 10.0	10.0	< 10.0	8.0	3.43	< 10.0	10.0	10.0	< 10.0	13.0	NA	NA
	Aug-05	< 25	1.0	1.0	1.0	1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	1.0	1.0	1.0	1.0	1.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	2.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
CM-05	Feb-03	NA	4.05	10.0	< 10.0	10.0	10.0	< 10.0	10.0	< 10.0	< 10.0	17.0	10.0	< 15.0	10.0	10.0	10.0	10.0	10.0	10.0	7.51	< 10.0	5.54	10.3	10.0	10.0	10.0	< 10.0	10.0	< 10.0	12.0	10.0	10.0	< 10.0	< 10.0	13.0	NA	NA
	Aug-05	< 25	< 1.0	1.0	< 1.0	1.0	1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	2.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	4.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	< 1.0	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
TRG		609	5.0	100	5.0	0.115	2.0	5.0	7.0	700	5.0	100	2.0	10,000	NE	NC	NE	600	540	75	6.2	100	NE	70	62.3	62.3	8.48	NE	5.00	0.168	6.12	3.64	1.43	0.126	70	670	50	1,920	130

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remedial Goals per the Final Rule Governing Hazardous Waste, Underground Storage, and Solid Waste Management in Hattiesburg (MDEQ, March 2003)

NE = TRG not yet established for the compound

ND = non-detect / no detection limit available

B = compound detected in the associated method blank

J = estimated value

"*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																					
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	n-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	Bromodichloromethane	n-Propylbenzene	Trichloroethene	Dibromochloromethane	Bromoform	Chlorobenzene	Chloroethane	Dibromomethane	cis-1,3-Dichloropropene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-02	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	32	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
MW-03	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	65.0	< 1.0	< 1.0	12	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 39.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	75	NA	< 5.0	< 10	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-04	Dec-03	ND	34.0	3.81	20.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	63.0	3.72	ND	ND	136	ND	NA	NA
	Feb-04	NS	< 10.0	10.0	10.0	< 10.0	< 10.0	< 10.0	< 10.0	10.0	10.0	< 10.0	< 10.0	15.0	10.0	10.0	10.0	10.0	10.0	< 10.0	B 24.4	< 10.0	B 45.9	B 5.79	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 12.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA
	Aug-04	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	NA	NA
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
TRG		1400	5.0	100	5.0	0.153	5.0	5.0	7.0	700	5.0	1000	2.0	10000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.1	12.1	8.48	NE	5.00	0.153	9.52	5.64	8.48	0.126	70	679	50	1910	170

Notes:

NA = not analyzed or performed for the compound

< = indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remedial Goals, per the Final Procedures Governing Remedial Actions Conducted and Approved pursuant to Mississippi Code Section 49-35-309

NE = TRG not yet established for this compound

ND = non-detect or no detection limit available

B = compound detected in the associated method blank

J = estimated value

* = indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG for a record of sample absence

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/l																																			
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-Dichloroethene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-05	Aug-05	< 25	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	1.7	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	60	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	52	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	1.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	85	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
MW-06	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	56.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	58.0	< 1.0	12.0	< 1.0	16	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	490	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
MW-07	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	93.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	61.0	< 1.0	< 1.0	< 1.0	110.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1000	2.0	10000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3	8.48	NE	5.0	0.168	8.52	3.64	1.49	0.126	70	679	5.0	1,910	159

Notes
- NA = no analysis performed for the compound
- "<" indicates that the concentration of the analyte is less than the value shown
- Results shown in bold indicate that the concentrations exceed the TRG
- TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi (MDEQ, March 2002)
- NE = TRG not yet established for the compound
- ND = non-detect / no detection limit available
- B = compound detected in the associated method blank
- J = estimated value
- "*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																					
		Acetone	Benzene	Chloroform	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,2-Dichloroethane	1,3-Dichloropropane	1,4-Dichlorobenzene	Naphthalene	Styrene	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Diisopropylether	Ethylbenzene	Trichlorofluoromethane	Dichlorodifluoromethane	Dibromomethane	Chlorobenzene	Chloromethane	Dibromochloromethane	1,1,2-trichloroethane	Isopropylbenzene	methyl tert butyl chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-08	Dec-02	ND	6,900	290	16,000	1,800	20	ND	17.0	5800	8.5 J	28	ND	ND	ND	ND	ND	2.71	3.75	3.8	9.34	ND	ND	ND	ND	ND	ND	29.9	6.9	6.84	4.07	66.0	39.2	4.45	19	4.6	26.3	NA	NA
	Feb-03	NA	< 580.0	230	12,000	1,300	75	100	135	6750	49.9	35.1	100	62.4	100	100	100	2.22	10.0	3.14	B 25.0	1.25	B 25.3	B 5.73	1.92	1.8	< 10.0	23.5	3.7	4.72	10.0	85.5	3.34	10.0	17.5	4.35	< 10.0	NA	NA
	Aug-05	< 6,700	18,000	250	3,500	510	500	250	250	250	250	250	250	250	250	250	250	NA	NA	NA	NA	NA	< 250	NA	NA	NA	NA	< 250	NA	< 250	< 1.0	< 750	< 250	< 250	NA	NA	NA	< 1,300	< 100	< 100
	Nov-05	< 2,500	17,000	160	1,000	260	< 100	100	100	2600	270	100	410	NA	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 300	< 100	< 100	NA	NA	NA	< 500	< 100	< 100
	Feb-06	< 2,500	11,000	160	480	130	< 100	100	100	2500	150	380	210	400	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 300	< 100	< 100	NA	NA	NA	< 500	< 100	< 100
	May-06	< 630	11,000	170	2,300	280	< 25	25	25	950	25	240	25	940	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	NA	< 25	NA	< 25	< 1.0	< 75	< 25	< 25	NA	29	NA	380	< 100	< 100
	Aug-06	750	15,000	220	640	450	< 10	< 10	9.4	2500	8.4	410	2.6	640	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	NA	< 10	NA	2.5	< 1.0	< 10	3.8	< 10	NA	34	NA	530	< 100	106
	Nov-06	< 2,500	13,000	100	330	100	< 100	100	100	1300	100	270	100	430	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 300	< 100	< 100	NA	< 100	NA	< 500	< 1,000	< 1,000
	Feb-07	250	990	24	840	100	98	10	10	92	89	11	10	22	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	< 10	NA	10	< 1.0	10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	< 2,500	9,600	220	6,100	890	< 50	50	50	1600	< 50	79	50	150	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA	NA	NA	NA	< 50	NA	50	< 1.0	50	< 50	< 50	NA	50	NA	< 250	< 500	< 500
	Nov-07	< 2,500	14,000	100	370	100	< 100	100	100	1100	< 100	110	100	< 230	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 100	< 100
	May-08	< 2,500	3,200	350	15,000	2,200	< 100	100	100	1100	100	100	100	200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 100	< 100
	Nov-08	< 2,500	3,400	150	1,800	460	< 100	100	100	1100	< 100	100	100	60	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 100	< 100
	May-09	< 626	548	110	2,300	1,200	< 25	25	25	1100	25	< 25	25	< 25	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	NA	< 25	NA	< 25	< 25	25	< 25	< 25	NA	< 25	NA	< 125	< 250	< 250
	Dec-09	< 626	< 1,000	180	2,700	610	25	25	25	1100	68	< 25	43	25	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	NA	< 25	NA	< 25	< 25	25	< 25	< 25	NA	< 25	NA	380	< 250	< 250
	Mar-10	< 250	2,500	180	6,000	1,400	63	10*	10*	1100	72	10*	10	28	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	NA	< 10*	NA	< 10*	< 10*	10*	< 10*	< 10*	NA	< 10	NA	230	< 100	< 100
MW-09	Dec-02	ND	9.15	ND	ND	ND	ND	ND	5.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	270	ND	ND	ND	ND	ND	ND	240	NA	NA
	Feb-03	NA	64.3	7.5 J	20.7	1	1	< 10.0	< 10.0	1.5 J	< 10.0	< 10.0	15.0	< 10.0	10.0	10.0	10.0	10.0	10.0	10.0	B 31.7	10.0	B 36.8	B 4.98	< 10.0	< 10.0	< 10.0	3.8	10.0	< 10.0	10.0	10.7	10.0	10.0	10.0	2.92	< 10.0	NA	NA
	Aug-05	< 25	12	< 10	< 10	< 10	< 10	< 10	3.2	< 10	1.2	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 100	< 100
	Nov-05	< 25	16.0	< 10	< 10	< 10	< 10	< 10	3.4	< 10	1.0	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 100	< 100
	Feb-06	< 25	18.0	< 10	< 10	< 10	< 10	< 10	4.1	4.8	1.0	1.0	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	NA	NA	NA	< 50	< 100	< 100
	May-06	< 25	8.3	< 10	< 10	< 10	< 10	< 10	3.7	< 10	1.1	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	< 100
	Aug-06	< 25	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.0	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	< 100
	Nov-06	340	18.0	< 10	< 10	< 10	< 10	< 10	6.5	5.8	1.0	4.2	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	6.8	< 100	480
	Feb-07	< 250	9.6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1.0	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	106
	May-07	354	8.4	< 10	< 10	< 10	< 10	< 10	2.6	< 10	1.0	1.6	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	107
	Nov-07	< 250	9.1	< 10	< 10	< 10	< 10	< 10	2.7	< 10	1.0	1.5	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	106
	May-08	< 250	3.5	< 10	< 10	< 10	< 10	< 10	1.2	< 10	< 1.0	1.0	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Nov-08	400	1.9	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1.0	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	106
	May-09	< 25	1.1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1.0	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Dec-09	210	1.6	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1.0	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	106
	Mar-10	< 25	1.0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 1.0	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 10	< 10
MW-10	Aug-05	NA	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 50	NA	NA
	Aug-05	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Nov-05	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Feb-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	May-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Aug-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Nov-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Feb-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	May-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Nov-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	May-08	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Nov-08	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	May-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Dec-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
	Mar-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	NA	< 10	NA	NA	< 50	< 100	100
TRG		NE	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1000	2.0	10,000	NE	NE	NE	600	5.49	75	6.2	100	NE	70	12.3	12.3	8.48	NE	540	0.168	852	364	1.49	0.126	70	675	5.0	1,910	190

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value given

Results shown in bold indicate that the concentration exceeds the TRG

TRG = TIERED Tier 1 Target Remedial Goals per the Final Regulations Governing Investigation, Corrective Cleanup and Reimbursement of Petroleum (TIERED March 2002)

NE = TRG not yet established for the compound

ND = not detected at or above laboratory method detection limit

B = compound detected in the associated method blank

J = estimated value

* = indicates that although the compound was not detected above the associated laboratory limit, the reporting limit exceeds the TRG because of high dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																					
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-dichloroethene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-11	Dec-02	ND	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
	Feb-03	NA	J 6.39	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 15.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	B 42.6	< 10.0	B 53.4	B 13.55	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 12.0	< 10.0	< 10.0	< 10.0	< 10.0	< 13.0	NA	NA
	Aug-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Mar-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
MW-12	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	53	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Mar-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10	< 10
MW-13	Aug-05	< 25	**120**	10	**260**	**96**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	**78**	9.3	**53**	**56**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	**110**	22	**77**	**63**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.4**	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	**48**	5.4	**110**	**33**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	**72**	17	**45**	**35**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.1**	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	3.1	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	**94**	19	**27**	**38**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	**2.5**	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	4.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	**160**	14	**680**	**120**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	2.5	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	**320**	15	**1400**	**130**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	13	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	**180**	9.9	**560**	**140**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	12	NA	< 5.0	< 10.0	< 10.0
	May-08	< 250	**780**	23	**3,200**	**260**	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	NA	< 20	< 1.0	< 20	< 20	< 20	NA	< 20	NA	< 100	< 200	< 200
	Nov-08	< 250	**250**	14	**880**	**180**	**6.1**	< 20	< 20	< 20	< 20	< 20	< 20	< 20	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	NA	< 20	**5.6**	< 20	< 20	< 20	NA	18	NA	< 100	< 200	< 200
	May-09	< 620	**1,200**	< 25	**3,500**	**340**	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	< 25	NA	< 125	< 250	< 250
	Dec-09	< 620	**790**	24	**2,600**	**310**	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	< 25	NA	< 120	< 250	< 250
	Mar-10	< 500	**2,600**	110	**4,000**	**1,900**	< 20*	< 20*	< 20*	< 20	< 20*	< 20	< 20*	< 40	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20*	NA	< 20*	< 20*	< 20*	< 20*	< 20*	NA	< 20	NA	< 100*	< 200	< 200*
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1,000	2.0	10,000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3	8.48	NE	5.00	0.168	8.52	1.64	1.43	0.126	70	670	5.0	1,900	170

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi (MDEQ, March 2002)

NE = TRG not yet established for the compound

ND = non-detect / no detection limit available

B = compound detected in the associated method blank

J = estimated value

"*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																					
		Acetone	Benzene	Chloroethane	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Ethylbenzene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	1,4-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromobenzene	Isopropylbenzene	Trichlorofluoromethane	Bromodichloromethane	Bromoform	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-dichloroethene	Isopropyltoluene	methyl tert-butyl ether	n-butylbenzene	n-propylbenzene
MW-14	Aug-05	24	< 10	< 10	10	< 10	< 10	< 10	< 10	10	< 10	10	< 10	20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-05	35	< 10	< 10	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-06	186	< 10	< 10	10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	May-06	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Aug-06	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-06	440	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Feb-07	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-07	72	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-08	650	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-08	590	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-09	200	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Dec-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 40	NA	NA	NA	NA	< 20	NA	< 20	< 20	< 20	< 20	< 20	NA	< 20	NA	< 10	< 20	< 20
	May-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
MW-15	Aug-05	84	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-05	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	May-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Aug-06	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-06	130	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-07	350	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-07	62	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-08	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-08	130	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-09	130	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Dec-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
	May-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
MW-16	Aug-05	< 25	23	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-05	< 25	12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	May-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Aug-06	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Nov-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Feb-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-08	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-08	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Dec-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
TRRQ		610	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1000	2.0	10,000	NE	NE	NE	NE	600	5.84	25	8.2	100	NE	70	12.5	12.5	0.48	NE	4.00	0.155	6.52	3.64	1.48	0.126	70	679	5.0	1,910	130

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRRQ

TRRQ = MDEQ Tier 1 Target Risk-based Goals for the *Legal Remediation Questions Specific to Voluntary Cleanup and Redevelopment of Abandoned Properties* (MDEQ, March 2007)

NE = TRRQ not established for the compound

ND = non-detect - no detection from analysis

B = compound detected in the associated method blank

J = estimated value

* = indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRRQ as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/L																																				
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Methylene Chloride	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,3,5-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Benzaldehyde	n-Propylbenzene	Trichloroethene	Dibromochloromethane	Bromoform	Chloroethane	Chloromethane	Dibromomethane	Methyl-tert-butyl ether	Dichlorodifluoromethane	Isopropylbenzene	Methylene chloride	Trichlorofluoromethane	Vinyl acetate
MW-17	Aug-05	< 630	6,200	340	1,500	1,200	< 250	350	2,0	< 250	< 250	920	< 250	680	NA	NA	NA	NA	NA	NA	NA	NA	250	NA	NA	NA	NA	250	NA	< 250	< 10	< 250	< 250	250	NA	NA	NA	< 1,300	NA	NA
	Nov-05	< 1,400	1,500	900	17,000	1,600	< 500	< 500	< 500	500	< 500	500	500	< 500	1,000	NA	NA	NA	NA	NA	NA	NA	NA	500	NA	NA	NA	NA	500	NA	< 500	< 10	< 500	< 500	500	NA	NA	NA	< 2,500	NA	NA
	Feb-06	< 13,000	1,300	600	37,000	2,600	< 500	< 500	< 500	< 500	< 500	500	500	< 500	1,100	NA	NA	NA	NA	NA	NA	NA	NA	500	NA	NA	NA	NA	500	NA	< 500	< 10	< 500	< 500	500	NA	NA	NA	< 2,500	NA	NA
	May-06	< 6,360	4,200	530	30,000	250	< 250	< 250	< 250	< 250	< 250	750	770	< 250	550	NA	NA	NA	NA	NA	NA	NA	NA	< 250	NA	NA	NA	NA	< 250	NA	< 250	< 250	< 250	< 250	250	NA	250	NA	< 1,300	NA	NA
	Aug-06	570	1,800	610	33,000	3,000	< 10	< 10	< 10	16	8.0	69	< 10	93	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	30	< 10	NA	26	NA	20	< 10	NA	NA
	Nov-06	< 5,000	2,100	470	26,000	200	< 200	< 200	< 200	< 200	< 200	300	200	< 200	400	NA	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	200	< 200	NA	< 200	NA	< 1,000	3,000	< 2,000
	Feb-07	< 5,000	3,300	810	48,000	3,400	< 200	< 200	< 200	< 200	< 200	200	270	< 200	420	NA	NA	NA	NA	NA	NA	NA	NA	200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	< 200	< 200	NA	< 200	NA	< 1,000	2000	2,000
	May-07	740	5,300	770	32,000	2,800	< 20	< 20	< 20	< 20	22	450	< 20	810	NA	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20	NA	< 20	< 10	26	< 20	< 20	< 20	NA	< 20	NA	< 100	< 200	570
	Nov-07	< 5,000	3,800	890	45,000	4,600	< 200	< 200	< 200	< 200	< 200	730	< 200	460	NA	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	May-08	< 5,000	4,800	930	47,000	3,600	< 200	< 200	< 200	< 200	< 200	450	< 200	670	NA	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	Nov-08	< 5,000	1,800	720	34,000	3,500	< 200	< 200	< 200	< 200	< 200	200	< 200	400	NA	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	May-09	< 5,000	8,100	640	35,000	2,900	< 200	< 200	< 200	< 200	< 200	240	< 200	400	NA	NA	NA	NA	NA	NA	NA	NA	200	NA	NA	NA	NA	< 200	NA	< 200	< 10	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	Dec-09	< 12,000	4,500	1,200	54,000	7,100	< 500	< 500	< 500	< 500	< 500	500	< 500	1,000	NA	NA	NA	NA	NA	NA	NA	NA	10,000	NA	NA	NA	NA	< 500	NA	< 500	< 10	200	200	200	NA	< 200	NA	< 1,000	2,000	2,000
	May-10	< 2,500*	7,500	740	40,000	8,400	< 100*	< 100*	< 100*	530	< 100*	670	< 100*	830	NA	NA	NA	NA	NA	NA	NA	NA	100*	NA	NA	NA	NA	< 100*	NA	< 100*	< 10	< 100*	< 100*	< 100*	NA	< 100*	NA	< 2,500	< 5,000	< 5,000
MW-18	Aug-05	25	10	45	10	10	10	< 5	2.6	16	6.1	10	10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-05	45	39	26	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-06	25	42	33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	May-06	25	65	35	< 10	< 10	< 10	< 10	2.5	11	8.0	12	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Aug-06	25	48	34	< 10	< 10	< 10	< 10	2.1	12	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-06	41	29	33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Feb-07	25	41	28	< 10	< 10	< 10	< 10	1.7	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	< 25	40	33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-07	< 25	12	26	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-08	< 25	< 10	31	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-08	< 25	< 10	23	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-09	< 25	< 10	25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Dec-09	< 25	< 10	21	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-10	25	< 10	26	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
MW-19	Aug-05	< 25	20	75	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-05	< 25	19	84	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Feb-06	< 25	22	94	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	May-06	28	21	72	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 50	< 100	< 100
	Aug-06	< 25	18	63	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-06	< 25	28	62	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Feb-07	< 25	32	95	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	< 25	36	95	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-07	< 25	44	110	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-08	< 25	66	13	6.7	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Nov-08	< 25	58	97	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-09	< 25	65	14	11	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	Dec-09	< 25	64	12	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-10	< 25	52	10	< 10	< 10	< 10	< 5	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	100	2.0	10,000	NE	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3	8.91	NE	560	0.168	8.52	164	149	0.826	70	670	5.0	1,910	130

Notes:
NA = no analysis performed for the compound
"<" indicates that the concentration of the analyte is less than the value shown
Results shown in bold indicate that the concentration exceeds the TRG
TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Investigative Activities, Cleanup and Reimbursement at Hazardous (MDEQ, March 2002)
NE = TRG not yet established for the compound
ND = non-detect / no detection limit available
B = compound detected in the associated method blank
J = estimated value
"*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
May 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentration in µg/L																																						
		Acetone	Benzene	Chloroform	Carbon Tetrachloride	Chloroform	1,3 Dichloropropane	1,2 Dichloropropane	1,1 Dichloroethene	Methylene Chloride	Tetrachloroethene	Toluene	Ethyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,2-Dichlorobenzene	n-Butylbenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,3-Trimethylbenzene	1,2,4-Trimethylbenzene	Bromobenzene	p-Isopropyltoluene	Tert-Butylbenzene	Hexachlorobutadiene	Isopropylbenzene	Chloroethane	Chloromethane	Ethylene Dichloride	cis-1,2-Dichloroethene	Isopropylbenzene	methyl tert-butyl ether	methyl ethyl ketone	methyl isobutyl ketone
MW-20	Sep-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-21	Sep-09	< 1,200*	4,400	170	< 50	6,800	50*	< 50*	< 50*	< 50.0	< 50*	4,900	< 50*	< 100	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA	NA	NA	NA	< 50*	NA	< 50*	< 50*	< 50*	< 50*	< 50*	< 50*	NA	< 50	NA	< 250*	< 500	640
	May-10	< 1,200*	3,580	150	280	7,980	< 50*	< 50*	60*	50	< 50*	4,500	< 50*	< 100	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA	NA	NA	NA	< 50*	NA	< 50*	< 50*	< 50*	< 50*	< 50*	< 50*	NA	< 50	NA	< 250*	< 500	< 500*
MW-22	Sep-09	91	9.1	7.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	6.6	4.6	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-23	Sep-09	1,400*	9,200	190	< 50*	1,600	< 50*	< 50*	< 50*	< 50	< 100*	9,300	< 50*	< 100	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 50*	NA	< 50*	< 100*	< 100*	< 100*	< 100*	< 100*	NA	190	< 500*	1,300
	May-10	< 2,500*	10,000	180	< 100*	2,000	< 100*	< 100*	< 100*	< 100	< 100*	9,300	< 100*	< 200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	NA	< 50*	NA	< 100*	< 100*	< 100*	< 100*	< 100*	< 100*	NA	< 500*	< 1,000	1,000
MW-24	Sep-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	860	2.9	10,000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	17.3	12.5	9.48	NE	5.00	0.153	8.72	364	1.43	0.128	78	679	5.0	1910	139

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in boldface are that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remedial Goals per the Final Interim Groundwater Remediation Guidance for Soil Contaminated with Petroleum Products, Including Gasoline Containing Methyl Tertiary Butyl Ether (MTBE), March 2002

NE = TRG not yet established for the compound

ND = non-detect / no detection limit available

B = compound detected in the associated method blank

J = estimated value

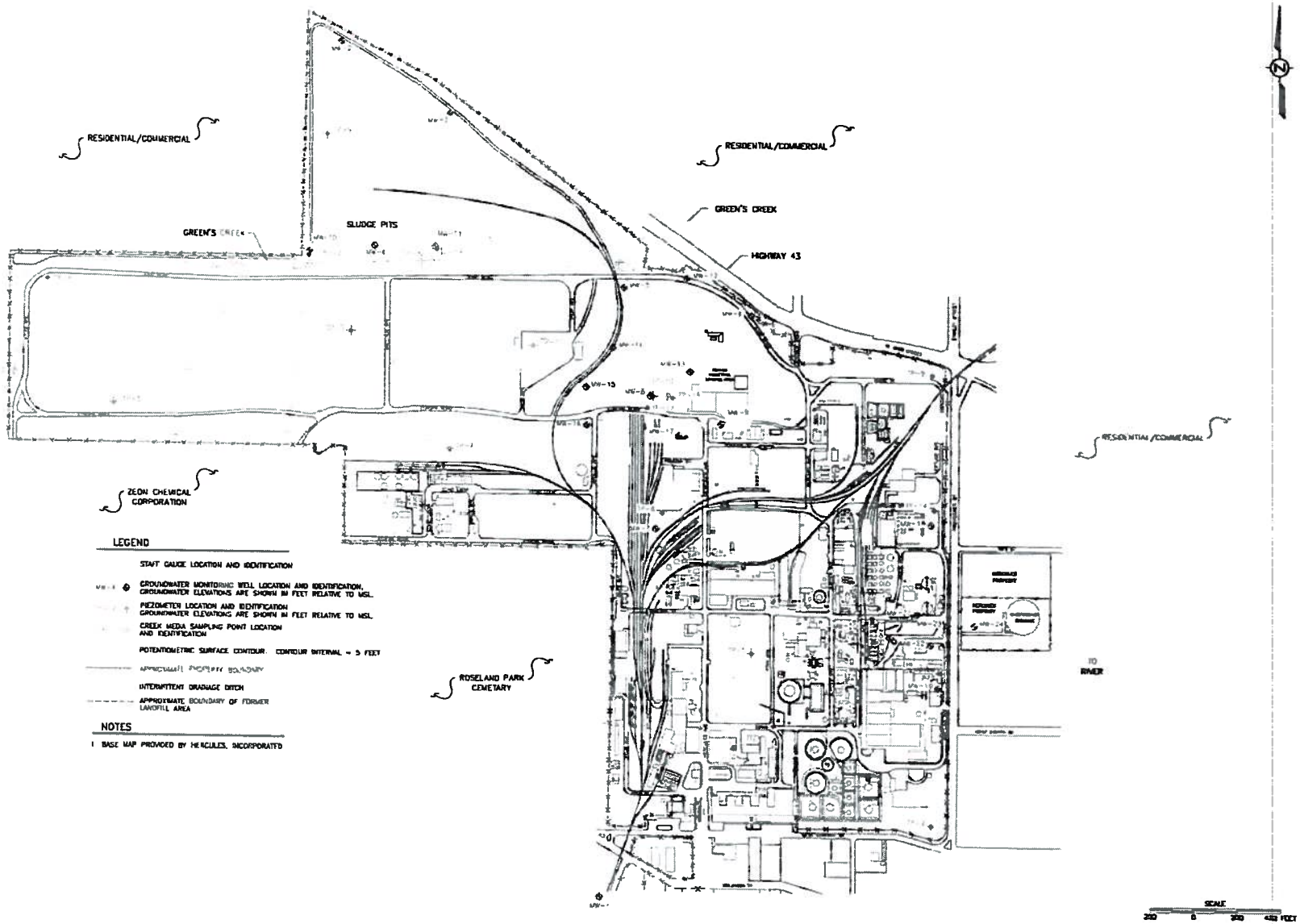
"*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 3

SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS

Location	*Concentration in µg/L*						
	Benzene	**Carbon Tetrachloride**	**Chlorobenzene**	**Toluene**	**Chloroform**	**1,1-Dichloroethene**	**Ethylbenzene**
MW-5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-5 FD01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
RPD	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW-19	**52**	**3.2**	**10**	**3.0**	**10**	**1.4**	**1.9**
MW-19 FD02	**53**	**3.4**	**11**	**3.1**	**3.6**	**1.2**	**1.9**
RPD	**1.9**	**0.6**	**9.5**	**3.3**	**94.1**	**15.4**	0.0
RS-01	<1.0	<1.0	<1.0	**1.1**	<1.0	<1.0	<1.0
RS-02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
RS-03	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TB-01	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TB-02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Notes: *"<" indicates that the concentration of the analyte is less than the concentration shown*
RPD = relative percent
µg/L = micrograms per liter



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Consultants, Engineers and Scientists
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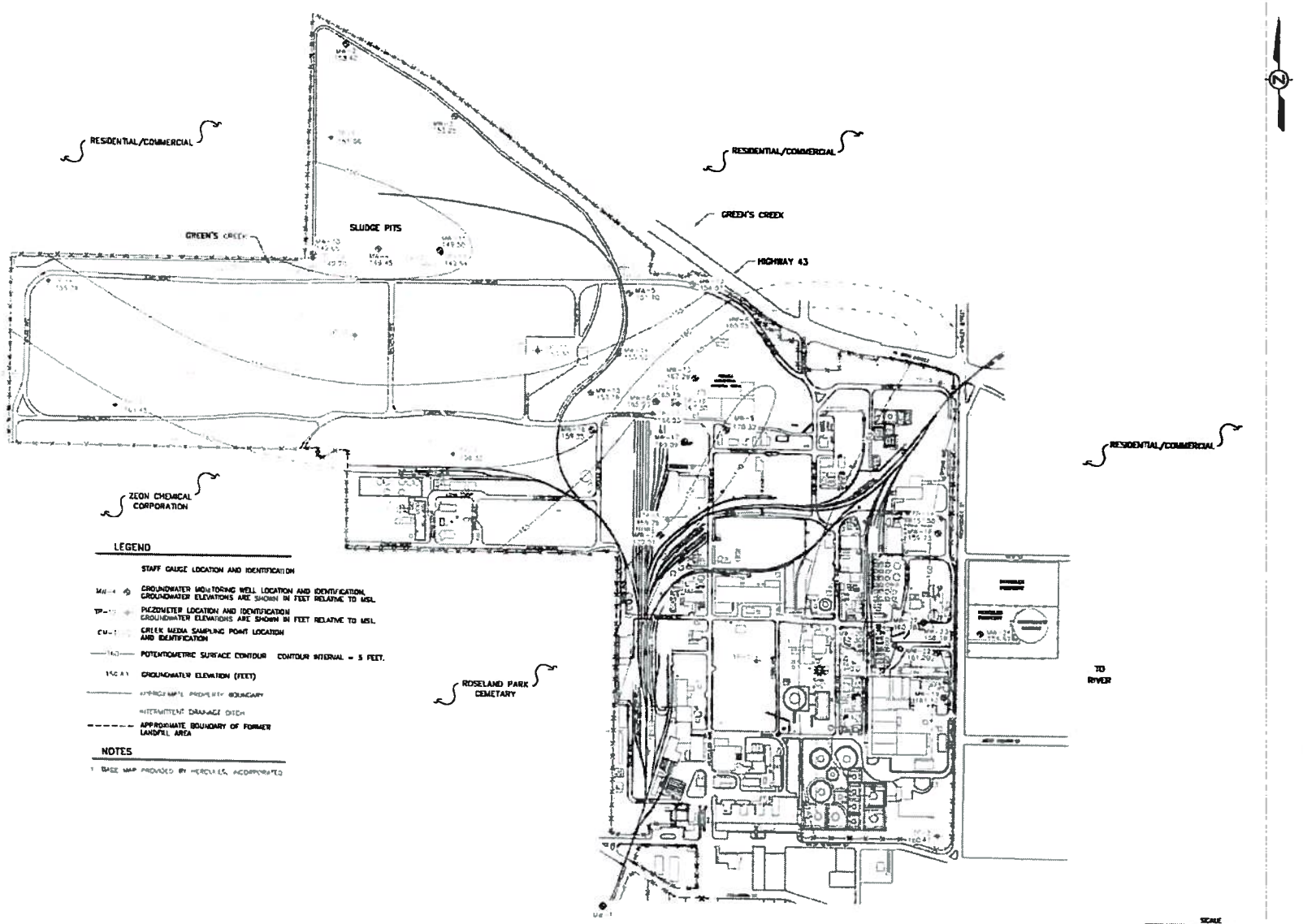
Hattiesburg, MS • Gulfport, MS

HERCULES INCORPORATED
WATERWORKS, MISSISSIPPI

SITE MAP

2 0



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Eco-Systems, Inc.

HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI

POTENTIOMETRIC SURFACE MAP
(MAY 10, 2010)

3 | 0

ARCADIS

Appendix B-6

2011 Hercules Groundwater Report
(2SA10)

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentration in µg/L																																					
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,3-Dichlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Dibromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-Dichloroethene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
CM-00	Sep-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.14	< 1.0	< 1.0	< 1.0	4.31	4.18	3.40	4.61	3.44	3.66	7.24	< 5.0	3.36	< 5.0	< 5.0	< 1.0	1.04	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-10	< 25	< 1.0	< 1.0	< 1.0	1.16	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
CM-01	Feb-03	NA	1.6	< 10.0	< 10.0	2.34	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 20.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	25.7	< 10.0	32	3.36	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	20.5	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA
	Sep-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	3.53	< 1.0	< 1.0	1.35	< 1.0	4.7	< 1.0	7.41	1.56	2.53	4.17	3.76	3.42	6.25	14.2	2.30	6.64	1.80	1.78	1.57	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	62	8.40	14.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	[illegible]	< 1.0	2.7	< 1.0	[illegible]	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
CM-02	Feb-03	NA	1.17	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 15.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	22.3	< 10.0	25	2.37	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	35.4	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	92	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1000	2.0	10000	NE	NE	NE	[illegible]	5.44	75	6.2	100	NE	70	12.3	12.3	8.44	NE	5.00	0.168	[illegible]	[illegible]	1.43	0.156	70	676	5.0	1910	159

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the [illegible] concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remediation Goals per the [illegible] (MDEQ, March 2002)

NE = TRG not yet established for the compound

Some detection limits of parameters are elevated due to [illegible] for that parameter.

[illegible]

[illegible]

[illegible]

Table 2
Page 1 of 9

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentration - µg/l																																							
		Acetone	Benzene	Chloroform	Carbon Tetrachloride	2-Butanone	1,1-Dichloroethene	1,2-Dichloropropane	1,1-Dichloroethane	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromomethane	cis-1,3-Dichloropropene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromobenzene	n-Propylbenzene	Trichlorofluoromethane	Dichlorodifluoromethane	Chloromethane	Chloroethane	Bromochloromethane	cis-1,2-Dichloroethene	Isopropylbenzene	Methylene chloride	Methyl tert-butyl ether	Methyl Acetate	Methyl Isobutyl Ketone
CM-01	Feb-03	NA	3.66	10.0	< 10.0	10.0	< 10.0	< 10.0	< 10.0	10.0	10.0	10.0	10.0	15.0	10.0	< 10.0	10.0	10.0	10.0	10.0	10.0	10.0	23	2.13	10.0	10.0	< 10.0	< 10.0	10.0	8.42	10.0	< 10.0	< 10.0	10.0	< 10.0	NA	NA
	Aug-03	< 25	< 1.0	1.0	1.0	< 5.0	1.0	0.5	< 1.0	1.0	1.0	1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-03	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-04	25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	31	1.0	< 1.0	1.0	< 5.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Mar-08	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-09	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
CM-02	Feb-03	NA	2.23	10.0	10.0	10.0	< 10.0	10.0	< 10.0	10.0	10.0	10.0	10.0	15.0	10.0	10.0	10.0	10.0	10.0	10.0	13.0	< 10.0	12.7	1.26	10.0	10.0	< 10.0	10.0	< 10.0	10.0	9.41	10.6	< 10.0	10.0	10.0	13.0	NA	NA
	Aug-03	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-03	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-04	25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-04	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Mar-08	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-09	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 5.0	1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
TWQ		n/a	5.0	100	5.0	0.140	7.0	5.0	70	700	5.0	1000	2.0	Monitor	NS	NS	NS	600	600	75	6.2	1000	NS	70	12.3	12.3	0.48	NS	5.00	0.551	0.55	2.68	1.41	0.126	70	40a	50	1910	146

Notes:

NA = not analyzed for the compound

"<" indicates that the concentration of the analyte is less than the reporting limit shown.

Results shown in bold indicate that the concentration exceeds the TWQ.

TWQ = TNRCC Tier 1 Water Based Quality for the [redacted]

NS = TWQ not established for the compound

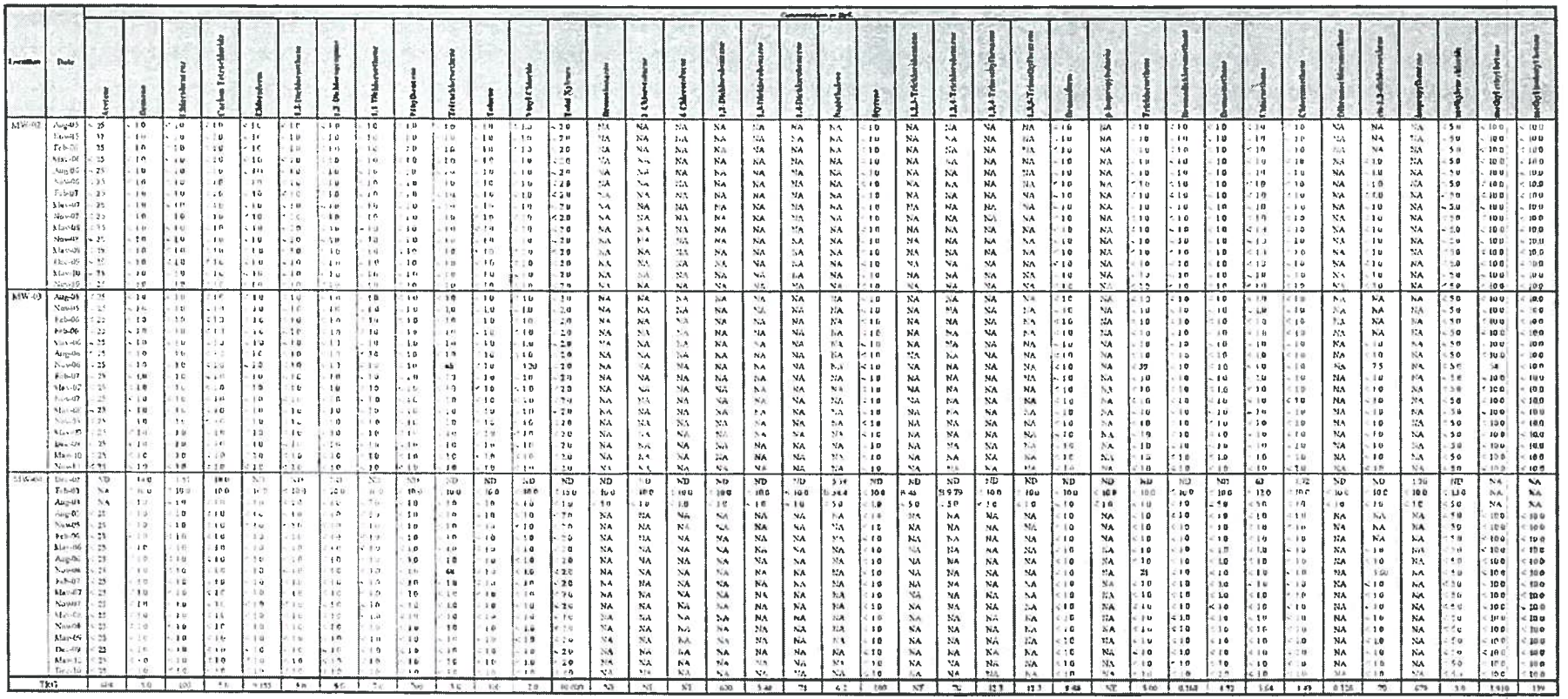
Some Appendix IX parameters are not analyzed for as indicators for historical purposes

D = compound detected at the associated method blank

J = estimated value

[redacted]

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi



Footnotes:

ND = no analyte was detected for the compound

"<" indicates that the concentration of the analyte is less than the value shown.

Results shown in bold and highlighted in gray exceed the GCTL

TRIP = TRIP Blank; Target Analyte List (TAL) as per the Data Evaluation Standard Operating Procedure for Volatile Organic Analysis (VOA) (Q, March 2012)

NA = TRIP was not analyzed for the compound

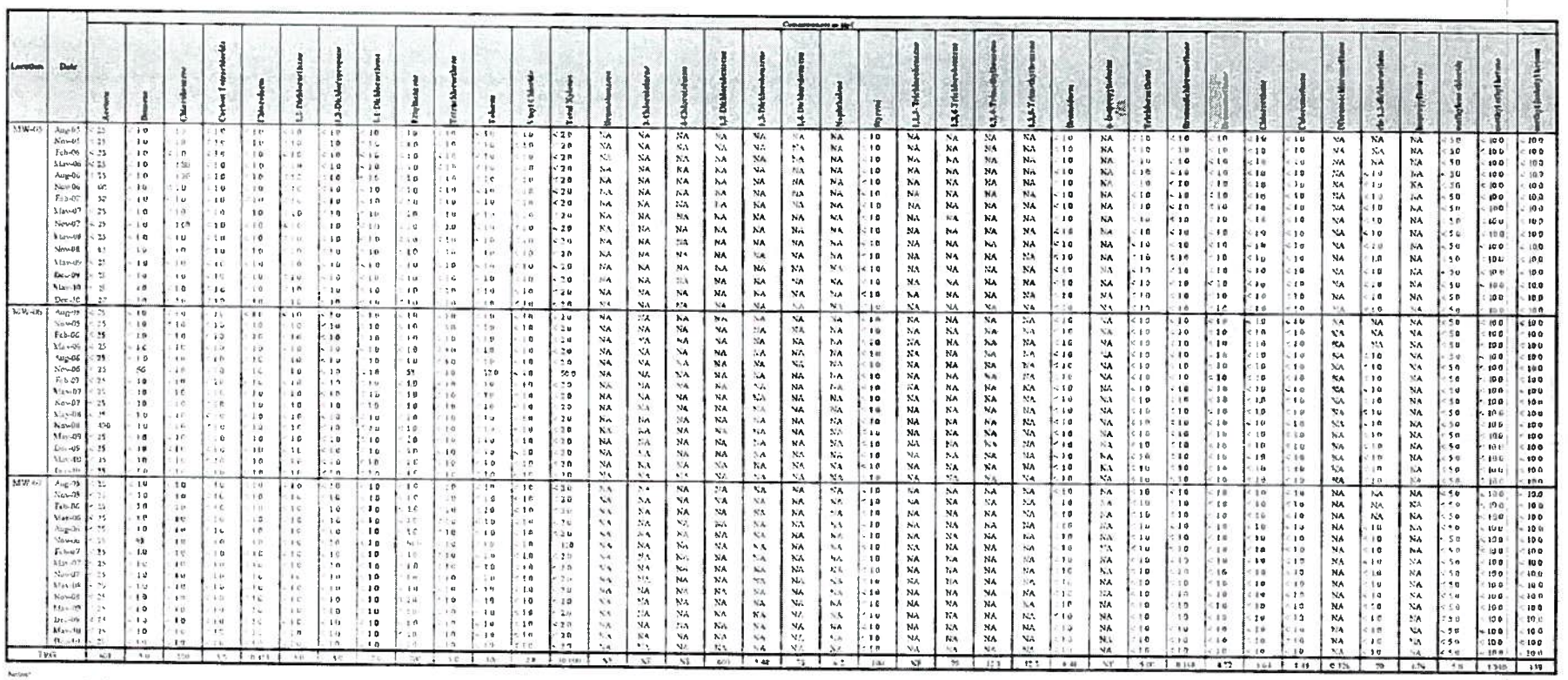
Trans Aqueous, DCE = Trans-1,2-Dichloroethene; Cis-1,2-DCE = Cis-1,2-Dichloroethene; MEK = Methyl Ethyl Ketone; MIBK = Methyl Isobutyl Ketone

1,1,2-TCA = 1,1,2-Trichloroethane; 1,1,2,2-PCA = 1,1,2,2-Tetrachloroethane

* = estimated value

** = indicates that although the compound was not detected above the associated reporting limit (Reporting Limit shown in the TRIP blank sample), laboratory

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi



Notes:

ND = Constituent not detected above the laboratory reporting limit.

NA = Not analyzed

Bold values indicate that the concentration exceeds the PRG.

This table includes the constituents listed in the Part 264 Appendix IX list and the constituents listed in the Part 261 Appendix VIII list.

Some Appendix IX constituents are not listed in the table because they are not typically detected in groundwater.

Some compounds have been added to the table at the request of MDEQ.

Bold underlined values exceed the MCL.

*** Due to the high concentrations of acetone in the samples, the laboratory was unable to report the 2-butanone results for these samples.

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentration µg/L																																			
		Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-dichloroethene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-8	Dec-02	ND	**6,900**	**290**	**16,000**	**1,800**	**36**	ND	**37.0**	95.6	**8.91**	28	ND	ND	ND	ND	ND	1.74	1.75	1.40	**9.34**	ND	ND	ND	ND	ND	ND	23.5	**5.80**	**6.84**	4.07	**66**	**39.2**	**4.45**	19	4.60	**26.1**	NA	NA
	Feb-03	NA	**< 500**	**235**	**12,000**	**1,300**	**66**	< 10.0	1.83	87.5	**49**	32.6	< 10.0	62.4	< 10.0	< 10.0	< 10.0	2.22	< 10.0	3.14	0.78	6.27	0.25	0.573	1.92	1.4	< 10.0	23.8	1.36	**4.72**	< 10.0	**65.5**	**3.34**	< 10.0	17.5	4.35	< 110	NA	NA
	Aug-05	[illegible]	**18,000**	< 250	**3,500**	**510**	[illegible]	< 250	< 250	250	< 250	250	< 250	< 500	NA	NA	NA	NA	NA	NA	NA	< 250	NA	NA	NA	NA	< 250	NA	< 250	< 1.0	< 250	< 250	< 250	NA	NA	NA	< 1,300	< 10.0	< 10.0
	Nov-05	< 2,500	**17,000**	**160**	**1,000**	**260**	< 100	< 100	< 100	240	< 100	270	< 100	440	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 10.0	< 10.0
	Feb-06	< 2,500	**11,000**	**150**	**480**	**130**	< 100	< 100	100	240	< 100	360	< 100	660	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 10.0	< 10.0
	May-06	< 250	**11,000**	**170**	**2,200**	**200**	< 25	< 25	< 25	120	< 25	260	< 25	140	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	29	NA	**380**	< 10.0	< 10.0
	Aug-06	< 250	**15,000**	**220**	**640**	**450**	11	1.0	6.6	280	**6.40**	410	**2.60**	640	NA	NA	NA	NA	NA	NA	NA	< 1	NA	NA	NA	NA	< 4.0	NA	2.8	< 1.0	< 1.0	3.8	< 1.0	NA	34	NA	**930**	< 10.0	< 10.0
	Nov-06	< 2,500	**13,000**	< 100	**330**	< 100	< 100	< 100	< 100	190	< 100	270	< 100	430	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	< 100	NA	< 500	< 1,000	< 1,000
	Feb-07	< 250	**990**	50	**840**	**100**	10	< 10	< 10	32	< 10	13	< 10	22	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 1.0	< 10	< 10	< 10	NA	< 10	NA	< 50	< 100	< 100
	May-07	< 2,500	**9,600**	**120**	**6,100**	**890**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	360	NA	NA	NA	NA	NA	NA	NA	< 50	NA	NA	NA	NA	< 50	NA	< 50	< 1.0	< 50	< 20	< 50	NA	< 50	NA	< 250	< 500	< 500
	Nov-07	< 2,500	**14,000**	< 100	**370**	< 100	< 100	< 100	< 100	310	< 100	310	< 100	200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 250	< 10.0	< 10.0
	May-08	< 2,500	**3,200**	**190**	**15,000**	**2,200**	< 100	< 100	< 100	110	< 100	< 100	< 100	< 200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	< 500	< 10.0	< 10.0
	Nov-08	< 2,500	**3,400**	**190**	**1,600**	**460**	< 100	< 100	100	41	< 100	160	< 100	40	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100	NA	< 100	< 1.0	< 100	< 100	< 100	NA	NA	NA	**170**	< 10.0	< 10.0
	May-09	< 620	**840**	**110**	**2,300**	**1,300**	< 25	< 25	< 25	22	< 25	< 25	< 25	29	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	< 25	NA	< 125	< 250	< 250
	Dec-09	< 620	**< 1,000**	**180**	**2,700**	**610**	< 25	< 25	< 25	65	< 25	43	< 25	95	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	25	NA	**300**	< 250	< 250
	May-10	< 250	**2,900**	**180**	**8,000**	**1,400**	63	< 10*	< 10*	22	< 10*	18	< 10*	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10*	NA	< 10*	< 10*	< 10*	< 10*	< 10*	NA	< 19	NA	**330**	< 100	< 100
	Dec-10	< 1,200	**6,000**	**150**	**1,000**	**300**	< 50*	< 50*	< 50*	74	< 50*	50	< 50*	< 100	NA	NA	NA	NA	NA	NA	NA	< 70	NA	NA	NA	NA	< 50*	NA	< 50	< 50*	< 50*	< 50*	< 50*	NA	< 25	NA	**560**	< 500	< 500
MW-4S	Dec-02	ND	**9.15**	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	[illegible]	ND	ND	ND	2.48	NA	NA
	Feb-03	NA	**64**	< 1.67	**21**	< 9.80	< 1.48	< 1.00	**10.0**	< 1.39	< 10.0	< 10.0	< 10.0	15.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	0.317	< 10.0	0.37	0.428	< 10.0	< 10.0	< 10.0	< 1.20	< 10.0	< 10.0	< 10.0	**19.7**	< 10.0	< 10.0	< 10.0	1.92	< 13.0	NA	NA
	Aug-05	< 25	**12**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.30	1.4	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	**16.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.00	3.0	< 1.0	< 1.0	< 1.0	2.9	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	**18.0**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.10	4.4	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	**8.1**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.20	< 1.0	< 1.0	1.3	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	**10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.00	1.0	< 1.0	1.7	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	24	**10.0**	< 1.0	< 1.0	1.0	< 1.0	< 1.0	6.50	3.6	< 1.0	4.20	< 1.0	2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	**6.80**	< 10.0	48
	Feb-07	< 25.0	**7.60**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.60	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25.0	**8.40**	< 1.0	< 1.0	1.0	< 1.0	< 1.0	2.10	1.0	< 1.0	1.60	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25.0	**9.10**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3.70	< 1.0	< 1.0	1.50	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25.0	3.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.20	1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	46	1.90	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	1.10	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	210	1.00	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	1.00	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-10	Aug-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	1.55	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 6.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.5	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1,000	2.0	10,000	NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3	8.48	NE	5.0	0.168	8.52	3.64	1.43	0.126	70	679	5.0	1,912	152

Notes:

NA = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Results shown in bold indicate that the concentration exceeds the TRG

TRG = [illegible] Tier 1 Target Remedial Goal per the [illegible] (MDEQ, March 2002)

NE = TRG not yet established for the compound

* = [illegible] parameter [illegible] detection for that parameter

B = compound detected in the associated method blank

E = estimated value

"*" indicates that although the compound was not detected above the [illegible] reporting limit, the reporting limit [illegible] sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Concentrations in µg/L

Location	Date	Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2 Dichloroethane	1,2 Dichloropropane	1,1 Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes
MW-11	Dec-02	ND	114	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-03	NA	6.39	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 15.0
	Aug-03	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-05	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-09	42	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-10	25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
MW-12	Aug-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-05	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-06	94	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-08	37	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-09	23	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
MW-13	Aug-05	< 25	120	10	260	96	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 2.0
	Nov-05	29	78	5.3	53	56	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.7	< 2.0
	Feb-06	< 25	110	21	77	63	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.4	< 2.0
	May-06	< 25	48	5.5	110	33	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 2.0
	Aug-06	< 25	72	17	45	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 2.0
	Nov-06	< 25	94	10	27	30	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.5	< 2.0
	Feb-07	< 25	160	14	680	120	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 2.0
	May-07	< 25	320	18	1400	130	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0	< 2.0
	Nov-07	< 25	380	9.6	560	140	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-08	< 500	780	31	3,200	160	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40
	Nov-08	< 500	250	44.0	880	180	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 40
	May-09	< 625	1,100	< 25	3,500	340	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
	Dec-09	< 625	790	27	2,000	310	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50
	May-10	< 500	2,600	120	4,000	1,300	< 20*	< 20*	< 20*	< 20	< 20*	< 20	< 20*	< 40*
	Dec-10	< 250	530	75	970	230	< 10*	< 10*	< 10*	< 10	< 10*	< 10	< 10*	< 20*
TRG		608	5.0	100	5.0	0.155	5.0	5.0	7.0	700	5.0	1,000	2.0	10,000

Location	Date	Bromobenzene	2 Chlorotoluene	4 Chlorotoluene	1,2 Dichlorobenzene	1,3 Dichlorobenzene	1,4 Dichlorobenzene	Naphthalene	Styrene	1,2,3 Trichlorobenzene	1,2,4 Trichlorobenzene	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene
MW-11	Dec-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Feb-03	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	B 42.6	< 10.0	B 33	B 15.6	< 10.0	< 10.0
	Aug-03	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0
	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
MW-12	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
MW-13	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA
	May-08	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA
	May-09	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 25	NA	NA	NA	NA
	May-10	NA	NA	NA	NA	NA	NA	NA	< 20*	NA	NA	NA	NA
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 10*	NA	NA	NA	NA
TRG		NE	NE	NE	600	5.48	75	6.2	100	NE	70	12.3	12.3

Location	Date	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-Dichloroethene	Isopropylbenzene	Methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-11	Dec-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA
	Feb-03	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 17.0	< 10.0	< 10.0	< 10.0	< 10.0	< 11.0	NA	NA
	Aug-03	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	NA	NA
	Aug-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-12	Aug-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-13	Aug-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	100	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	110	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	400	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	250	NA	< 5.0	< 10.0	< 10.0
	May-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	130	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	120	NA	< 5.0	< 10.0	< 10.0
	May-08	< 20	NA	< 20	< 1.0	< 20	< 20	< 20	NA	20	NA	< 100	< 200	< 200
	Nov-08	< 20	NA	< 20	5.60	< 20	< 20	< 20	NA	180	NA	< 100	200	< 200
	May-09	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	25	NA	< 125	< 250	< 250
	Dec-09	< 25	NA	< 25	< 25	< 25	< 25	< 25	NA	35	NA	< 120	< 250	< 250
	May-10	< 20*	NA	< 20*	< 20*	< 20*	< 20*	< 20*	NA	20	NA	< 100*	< 200	< 200*
	Dec-10	< 10*	NA	< 10*	< 10*	10*	< 10*	< 10*	NA	15	NA	< 50*	< 100	< 100
TRG		4.48	NE	5.0*	0.168	8.72	3.64	1.43	0.126	70	675	5.0	1,910	139

Notes:

NA = no analysis performed for the compound

"*" indicates that the concentration of the analyte is less than [illegible]

Results shown in bold indicate that the concentration exceeds the TRG

TRG = MDEQ Tier 1 Target Remediation Goals [illegible]

NE = TRG not yet established for the compound

[illegible]

B = compound detected in the associated method blank

[illegible]

[illegible]

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Acetone	Benzene	Chloroform	Carbon Tetrachloride	Chlorobenzene	1,2-Dichloroethane	1,4-Dichlorobenzene	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Bromomethane	Cis-1,2-Dichloroethene	2-Chloroethanol	1,2-Dichloropropane	cis-1,3-Dichloropropene	Methylene Chloride	trans-1,3-Dichloropropene	Trichloroethene	Vinyl Acetate	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,2,4-Trichlorobenzene	1,1,2-Trichloroethane	Bromodichloromethane	Bromoform	Chloromethane	Dibromochloromethane	Dibromomethane	Iodomethane	Methyl tert-butyl ether	Naphthalene	Tert-butyl alcohol
MW-14	Aug-05	34	< 10	6.0	< 10	5.0	< 10	< 10	< 10	< 10	1.0	4.0	< 10	< 10	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	35	< 10	6.0	< 10	< 10	< 10	< 10	< 10	1.0	1.0	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	280	< 10	7.0	< 10	< 10	< 10	< 10	< 10	1.0	1.0	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	< 10	< 10	< 10	< 10	< 10	2.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Aug-06	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Nov-06	440	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Feb-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	May-07	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Nov-07	72	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	May-08	650	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Nov-08	590	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	May-09	240	< 2.5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Dec-09	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	May-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Dec-10	< 25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
MW-15	Aug-05	84	< 1.0	1.0	< 1.0	4.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	25	< 1.0	1.0	1.0	5.0	< 1.0	1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	25	< 1.0	1.0	< 1.0	5.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	30	< 1.0	1.0	< 1.0	4.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	1.0	< 1.0	4.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	1,500	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 5.0	< 10.0	< 50.0
	Feb-07	350	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	72	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	35	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	1,300	< 5.0	5.0	< 5.0	5.0	< 5.0	< 5.0	5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 10	NA	NA	NA	NA	NA	NA	5.0	NA	NA	NA	NA	5.0	NA	5.0	5.0	5.0	5.0	5.0	NA	5.0	NA	12*	< 50	< 50
	Dec-09	< 25	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-16	Aug-05	< 25	< 2.50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	< 25	< 2.50	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	< 25	< 1.0	1.0	1.0	< 1.0	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	< 25	1.10	1.0	< 1.0	1.10	< 1.0	< 1.0	1.0	< 1.0	< 1.0	1.0	1.50	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	< 25	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 2.0	1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
TBG		600	5.0	10.0	5.0	0.55*	5.0	5.0	7.0	7.0	5.0	5.0	2.0	10.00	5.0	5.0	NT	NT	5.00	5.00	5.0	5.00	NT	200	12.3	12.3	7.44	NE	5.00	0.160	8.32	3.64	1.43	0.826	70	679	5.0	1.940	137

Notes:

"NA" = no analysis performed for the compound

"<" indicates that the concentration of the analyte is less than the value shown

Bold type shows an exceedance that the constituent exists statewide (i.e. TBG)

TBG = MDEQ Tier 1 Target Remedial Goals per the Risk-Based Corrective Action for Petroleum Storage Tank and Environmental Releases (RBCA), March 2002

NE = TBG not yet established for this compound

*See Appendix IX permanency and interim data for an explanation for that exception

E = compound detected at the associated method blank

J = estimated value

** = indicates that although the compound was not detected above the associated reporting limit, the reporting limit is above the TBG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Concentration in µg/l

Location	Date	Acetone	Benzene	Chlorobenzene	Carbon Tetrachloride	Chloroform	1,2-Dichloroethane	1,2-Dichloropropane	1,1-Dichloroethene	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes
MW-17	Aug-05	< 6,300	**6,200**	**340**	**1,500**	**1,200**	< 250	< 250	< 250	< 250	< 250	920	< 250	680
	Nov-05	< 13,000	**1,500**	**500**	**17,000**	**1,600**	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1,000
	Feb-06	< 13,000	**1,300**	**600**	**37,000**	**2,600**	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1,000
	May-06	< 6,300	**4,100**	**530**	**30,000**	**250**	< 250	< 250	< 250	< 250	< 250	720	< 250	540
	Aug-06	570	**1,000**	**610**	**33,000**	**3,000**	< 1.0	< 1.0	6.0	36	8.00	69	< 1.0	93
	Nov-06	< 5,000	**2,100**	**470**	**26,000**	**200**	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 400
	Feb-07	< 5,000	**3,300**	**810**	**48,000**	**3,400**	< 200	< 200	< 200	< 200	< 200	270	< 200	< 400
	May-07	740	**5,300**	**770**	**32,000**	**2,800**	< 20	< 20	< 20	< 20	22	450	< 20	810
	Nov-07	< 5,000	**3,000**	**830**	**45,000**	**4,600**	< 200	< 200	< 200	< 200	< 200	240	< 200	< 400
	May-08	< 5,000	**4,800**	**930**	**47,000**	**3,600**	< 200	< 200	< 200	< 200	< 200	450	< 200	670
	Nov-08	< 5,000	**1,800**	**720**	**34,000**	**3,500**	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 400
	May-09	< 5,000	**8,100**	**640**	**39,000**	**2,900**	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 400
	Dec-09	< 12,000	**4,500**	**1,300**	**54,000**	**7,100**	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1,000
	May-10	< 2,500*	**7,500**	**740**	**48,000**	**8,400**	< 100*	< 100*	< 100*	210	< 100*	920	< 100*	830
	Dec-10	< 12,000	**500**	**760**	**32,000**	**5,900**	< 500	< 500	< 500	< 500	< 500	< 500	< 500	< 1,000
MW-18	Aug-05	< 25	**10.0**	41	< 1.0	1.0	< 1.0	2.30	2.50	1.60	1.10	< 1.0	< 1.0	< 2.0
	Nov-05	< 25	3.90	26	< 1.0	1.0	< 1.0	1.0	1.60	1.0	1.2	< 1.0	< 1.0	< 2.0
	Feb-06	< 25	4.10	11	< 1.0	< 1.0	< 1.0	< 1.0	1.50	1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-06	< 25	6.50	15	< 1.0	< 1.0	< 1.0	< 1.0	2.10	1.10	1.00	1.20	< 1.0	< 2.0
	Aug-06	< 25	4.80	34	< 1.0	< 1.0	< 1.0	20.0	3.10	1.20	1.0	< 1.0	< 1.0	< 2.0
	Nov-06	61	3.90	23	< 1.0	< 1.0	< 1.0	1.10	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Feb-07	< 25	4.10	23	< 1.0	< 1.0	< 1.0	1.40	1.70	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-07	< 25	4.00	33	< 1.0	1.0	< 1.0	1.30	1.00	1.00	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-07	< 25	1.20	26	< 1.0	< 1.0	< 1.0	1.70	1.40	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-08	< 25	1.70	31	< 1.0	< 1.0	< 1.0	< 1.0	2.00	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-08	< 25	< 1.0	23	< 1.0	1.0	< 1.0	< 1.0	1.00	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-09	< 25	< 1.0	24	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-09	< 25	< 1.0	21	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	May-10	< 25	1.1	29	< 1.0	< 1.0	< 1.0	1.0	1.00	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
	Dec-10	< 25	1.0	16.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 2.0
MW-19	Aug-05	< 25	**28**	7.50	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.40	< 1.0	< 1.0	< 1.0	< 2.0
	Nov-05	< 25	**19**	6.40	1.0	< 1.0	< 1.0	< 1.0	1.0	1.70	< 1.0	1.0	< 1.0	< 2.0
	Feb-06	< 25	**22**	9.80	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.10	< 1.0	1.0	< 1.0	< 2.0
	May-06	< 25	**21**	7.20	1.0	< 1.0	< 1.0	< 1.0	1.6	1.70	< 1.0	1.50	< 1.0	< 2.0
	Aug-06	< 25	**18**	6.50	< 1.0	< 1.0	< 1.0	< 1.0	1.0	4.10	1.0	1.9	< 1.0	< 2.0
	Nov-06	< 25	**20**	6.20	< 1.0	< 1.0	< 1.0	< 1.0	1.0	1.60	< 1.0	1.0	< 1.0	< 2.0
	Feb-07	< 25	**32**	9.50	< 1.0	1.0	< 1.0	< 1.0	1.0	1.40	1.0	1.3	< 1.0	< 2.0
	May-07	< 25	**36**	9.50	1.0	1.0	< 1.0	< 1.0	1.3	2.50	< 1.0	1.0	< 1.0	< 2.0
	Nov-07	< 25	**44**	10.0	< 1.0	< 1.0	< 1.0	< 1.0	1.30	2.00	< 1.0	1.60	< 1.0	< 2.0
	May-08	< 25	**66**	13.0	6.70	1.0	< 1.0	< 1.0	1.70	2.40	< 1.0	2.70	< 1.0	< 2.0
	Nov-08	< 25	**58**	9.70	1.2	1.10	< 1.0	< 1.0	1.2	2.60	< 1.0	1.90	< 1.0	< 2.0
	May-09	< 25	**65**	14.0	11.0	4.70	< 1.0	< 1.0	1.30	2.00	< 1.0	2.70	< 1.0	< 2.0
	Dec-09	< 25	**64**	12.0	4.10	1.90	< 1.0	< 1.0	1.0	2.40	< 1.0	2.40	< 1.0	2.70
	May-10	< 25	**52**	10.0	3.20	3.60	< 1.0	< 1.0	1.40	1.90	< 1.0	3.00	< 1.0	< 2.0
	Dec-10	< 25	**61**	9.10	< 1.0	3.70	< 1.0	< 1.0	1.0	1.50	< 1.0	2.50	< 1.0	< 2.0
TRG		608	5.0	106	5.0	0.155	5.0	5.0	7.0	700	5.0	1,000	2.0	10,000

Location	Date	Bromobenzene	2-Chlorotoluene	4-Chlorotoluene	1,3-Dichlorobenzene	1,2-Dichlorobenzene	1,4-Dichlorobenzene	Naphthalene	Styrene	1,1,2-Trichloroethane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Bromoform
MW-17	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 250	NA	NA	NA	NA	< 250
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 500	NA	NA	NA	NA	< 500
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 500	NA	NA	NA	NA	< 500
	May-06	NA	NA	NA	NA	NA	NA	NA	< 250	NA	NA	NA	NA	< 250
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	May-07	NA	NA	NA	NA	NA	NA	NA	< 20	NA	NA	NA	NA	< 20
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	May-08	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	May-09	NA	NA	NA	NA	NA	NA	NA	< 200	NA	NA	NA	NA	< 200
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 10,000	NA	NA	NA	NA	< 500
	May-10	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 100*
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 500	NA	NA	NA	NA	< 500
MW-18	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
MW-19	Aug-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-05	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Feb-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Aug-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-06	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Feb-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-07	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Nov-08	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Dec-09	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	May-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
	Dec-10	NA	NA	NA	NA	NA	NA	NA	< 1.0	NA	NA	NA	NA	< 1.0
TRG		NE	NE	NE	600	5.49	75	6.2	100	NE	70	12.3	12.3	8.48

Location	Date	p-Isopropyltoluene	Trichloroethene	Bromodichloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	cis-1,2-Dichloroethene	Isopropylbenzene	Methylene Chloride	Methyl Ethyl Ketone	Methyl Isobutyl Ketone
MW-17	Aug-05	NA	< 250	< 1.0	< 250	< 250	< 250	NA	NA	NA	< 1,300	NA	NA
	Nov-05	NA	< 500	< 1.0	< 500	< 500	< 500	NA	NA	NA	< 2,500	NA	NA
	Feb-06	NA	< 500	< 1.0	< 500	< 500	< 500	NA	NA	NA	< 2,500	NA	NA
	May-06	NA	< 250	< 250	< 250	< 250	< 250	NA	< 250	NA	< 1,300	NA	NA
	Aug-06	NA	< 1.0	< 1.0	< 1.0	3.0	< 1.0	NA	26	NA	10	< 10.0	< 10.0
	Nov-06	NA	< 200	< 1.0	< 200	200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	Feb-07	NA	< 200	< 1.0	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2000	< 2,000
	May-07	NA	< 20	< 1.0	< 20	< 20	< 20	NA	< 20	NA	< 100	< 200	570
	Nov-07	NA	< 200	< 1.0	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	May-08	NA	< 200	< 1.0	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	Nov-08	NA	< 200	< 1.0	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	May-09	NA	< 200	< 1.0	< 200	< 200	< 200	NA	< 200	NA	< 1,000	< 2,000	< 2,000
	Dec-09	NA	< 500	< 500	< 500	< 500	< 500	NA	< 500	NA	< 2,500	< 5,000	< 5,000
	May-10	NA	< 100*	< 100*	< 100*	< 100*	< 100*	NA	< 100*	NA	**680**	< 1,000	< 1,000*
	Dec-10	NA	< 500	< 500	< 500	< 500	< 500	NA	< 500	NA	< 2,500	< 5,000	< 5,000
MW-18	Aug-05	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
MW-19	Aug-05	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Nov-05	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	Feb-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	NA	NA	< 5.0	< 10.0	< 10.0
	May-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Aug-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-06	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Feb-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-07	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-08	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Nov-08	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-09	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-09	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	May-10	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
	Dec-10	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA	< 5.0	< 10.0	< 10.0
TRG		NE	5.00	0.116	8.52	3.64	1.43	0.125	70	675	5.0	1,900	139

Notes:
NA = no analysis performed for the compound
"<" indicates that the concentration of the analyte is less than the value shown
Results shown in bold indicate that the concentration exceeds the TRG
TRG = MDEQ Tier 1 Target Remedial Goals per the Final Regulations Governing Brownfields Voluntary Cleanup and Redevelopment in Mississippi (MDEQ, March 2002)
NE = TRG not yet established for the compound
Other Appendix IX parameters not shown due to no detections for that parameter
B = compound detected in the associated method blank
J = estimated value
"*" indicates that although the compound was not detected above the associated reporting limit, the reporting limit exceeds the TRG as a result of sample dilution

TABLE 2
SUMMARY OF VOC ANALYTICAL RESULTS
December 2010
Hercules Incorporated
Hattiesburg, Mississippi

Location	Date	Concentrations in µg/l																																					
		Acrolein	Bromoform	Chlorobenzene	Carbon Tetrachloride	1,2-Dichloroethane	1,2,3-Trichloropropane	1,1,1-Trichloroethane	Ethylbenzene	Tetrachloroethene	Toluene	Vinyl Chloride	Total Xylenes	Ammonia as N	2-Chloroethanol	2-Chloroethyl vinyl ether	1,1-Dichloroethene	1,2-Dichloroethene (cis)	1,2-Dichloroethene (trans)	Naphthalene	Styrene	1,1,2,2-Tetrachloroethane	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene	1,2,4,5-Tetrachlorobenzene	Bromodichloromethane	Bromoform	p-Isopropyltoluene	Trichloroethene	Bromochloromethane	Bromomethane	Chloroethane	Chloromethane	Dibromochloromethane	n-Butylbenzene	1,3-dichlorobenzene	Isopropylbenzene	methylene chloride	methyl ethyl ketone	methyl isobutyl ketone
MW-20	Sep-09	25	10	10	< 0	10	10	10	10	10	10	10	< 20	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	10	< 10	< 10	10	< 10	10	NA	10	NA	< 10	< 10	< 10
	May-10	25	< 10	< 10	10	10	10	10	< 10	10	10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	10	< 10	< 10	10	< 10	10	NA	10	NA	< 10	< 10	< 10
	Dec-10	25	10	10	10	< 10	10	10	< 10	10	10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	10	< 10	< 10	10	< 10	10	NA	10	NA	< 10	< 10	< 10
MW-21	Sep-09	< 1,000*	4,000	370	< 50	6,800	< 50*	50*	50*	500	50*	4,800	50*	100	NA	NA	NA	NA	NA	NA	NA	50	NA	NA	NA	NA	< 50*	NA	50*	< 50*	< 50*	50*	< 50*	NA	30	NA	< 250*	< 500	640
	May-10	< 1,000*	3,500	350	280	7,800	< 50*	50*	50*	50	50*	4,500	50*	100	NA	NA	NA	NA	NA	NA	NA	50	NA	NA	NA	NA	< 50*	NA	50*	< 50*	< 50*	50*	< 50*	NA	50	NA	< 250*	< 500	< 500*
	Dec-10	< 1,000	4,600	380	< 50	7,300	61	50	50	50	50	4,500	< 50	100	NA	NA	NA	NA	NA	NA	NA	50	NA	NA	NA	NA	< 50*	NA	50*	< 50*	< 50*	50*	< 50*	NA	50	NA	< 250*	< 500	< 500*
MW-22	Sep-09	45	9.80	7.70	10	< 0	10	< 10	10	10	10	< 10	10	< 10	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	10	< 10	< 10	< 10	< 10	NA	10	NA	50	10	10
	May-10	25	6.60	4.90	< 10	< 0	< 10	< 10	< 0	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	10	< 10	< 10	< 10	< 10	NA	10	NA	50	10	10
	Dec-10	25	6.30	5.10	< 10	< 10	< 10	< 10	< 0	< 10	< 10	< 10	< 10	< 10	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
MW-23	Sep-09	1,400*	9,200	190	50*	1,400	< 50*	50*	50*	50	100*	3,300	50*	100	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	< 50*	NA	< 50*	< 100*	< 100*	< 100*	< 100*	NA	100*	NA	250	< 500	2,300
	May-10	< 7,500*	10,000	180	100*	2,000	< 100*	100*	100*	100	100*	3,300	< 100*	200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	50*	NA	100*	100*	< 100*	100*	< 100*	NA	100*	NA	500*	< 1,000	1,600
	Dec-10	< 2,500*	7,600	100	100*	2,500	< 100*	100*	100	100*	1,400	100*	< 200	NA	NA	NA	NA	NA	NA	NA	< 100	NA	NA	NA	NA	50*	NA	100*	100*	100*	100*	< 100*	NA	100*	NA	500*	< 1,000	< 1,000*
MW-24	Sep-09	< 25	10	10	< 0	< 10	< 10	< 10	10	10	10	10	< 20	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	50	< 10	< 10
	May-10	< 25	< 10	< 10	< 0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
	Dec-10	< 25	10	10	< 0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 20	NA	NA	NA	NA	NA	NA	NA	< 10	NA	NA	NA	NA	< 10	NA	< 10	< 10	< 10	< 10	< 10	NA	< 10	NA	< 50	< 10	< 10
TRG		80#	3.9	100	5.0	0.119	5.0	200	5.0	700	5.0	2.0	10,000	NE	NE	NE	NE	600	5.0#	70	4.2	100	NE	70	12.5	17.3	5.48	70	5.00	0.168	6.42	3.64	8.43	0.156	70	679	5.0	1,910	196

Notes:
NA = Not analyzed for this compound
* = Indicates that the compound was not detected above the reporting limit
# = Indicates that the TRG is the laboratory reporting limit
TRG = NCDEQ Tier 1 Target Remediation Goals per the Technical Guidance for Risk-based Corrective Action at Hazardous Waste Sites (NCDENR, 2005)
NE = TRG not yet established for this compound
Bold = Analyte detected above laboratory method detection limit
Shaded = Analyte detected above the calculated TRG
J = estimated value
** = Indicates that although the compound was not detected above the laboratory reporting limit, the reporting limit was above the TRG for a residential receptor

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
December 2010
Hercules Incorporated

Sample Location	Sample Date	PARAMETER			
		Dioxenethion	Dioxathion (cis)	Dioxathion (trans)	Total Dioxathion
CM-00	11/29/2010	ND	ND	ND	ND
CM-01	11/29/2010	ND	ND	ND	ND
CM-02	11/29/2010	ND	ND	ND	ND
CM-03	11/29/2010	0.49	ND	ND	ND
CM-04	11/29/2010	1.5	ND	0.62	0.62
CM-05	11/29/2010	1.9	ND	ND	ND
MW-02	11/30/2010	ND	ND	ND	ND
MW-03	11/30/2010	ND	ND	ND	ND
MW-04*	12/1/2010	22.2	ND	ND	ND
MW-05	12/1/2010	ND	0.74	0.56	1.30
MW-06	12/1/2010	ND	ND	ND	ND
MW-07	12/1/2010	ND	ND	ND	ND
MW-08*	12/2/2010	310	4.3	50.1	54.4
MW-09	12/2/2010	ND	6.6	1.20	7.8
MW-10	12/1/2010	ND	ND	ND	ND
MW-11	12/1/2010	1.00	ND	ND	ND
MW-12	12/1/2010	0.75	ND	ND	ND
MW-13*	12/2/2010	6.6	1.50	0.60	2.1
MW-14*	12/2/2010	ND	5.10	1.00	6.1
MW-15*	12/2/2010	ND	2.90	2.80	5.7
MW-16*	12/2/2010	ND	1.60	ND	1.6
MW-17*	12/3/2010	3045	23.7	4.20	27.9
MW-18	12/3/2010	ND	2.60	5.60	8.2
MW-19	12/2/2010	ND	79.6	5.10	*84.7*
MW-20	12/3/2010	3.40	0.58	6.10	6.68
MW-21	12/3/2010	10.2	ND	ND	ND
MW-22	12/3/2010	6.20	ND	ND	ND
MW-23	12/3/2010	ND	ND	ND	ND
MW-24	12/1/2010	0.46	ND	ND	ND
MDEQ TRG		NA	NA	NA	54.8

Note: *All concentrations reported in micrograms per liter (ug/L)*
** Denotes wells targeted by MDEQ for yearly sampling*
Analysis conducted per Modified SW846
ND - non detect
Red denotes total dioxathion concentration exceeds MDEQ TRG
MDEQ TRG - Mississippi Department of Environmental Quality-Target Remedial Goa

TABLE 4

SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS

Location	*Concentrations in µg/L*				
	Benzene	Carbon Tetrachloride	Chlorobenzene	Toluene	Chloroform
MW-04	< 1.0	< 1.0	< 1.0	< 1	< 1.0
MW-04 FD01	< 1.0	< 1.0	< 1.0	< 1	< 1.0
RPD	0%	0%	0%	0%	0%
MW-13	530	970	25	< 10	230
MW-13 FD02	530	970	28	< 10	260
RPD	0%	0%	11.3%	0%	12.2%
MW-18	< 1.0	< 1.0	18	< 1	< 1.0
MW-18 FD03	< 1.0	< 1.0	20	< 1	< 1.0
RPD	0%	0%	10.5%	0%	0%
RS-01	< 1.0	< 1.0	< 1.0	1.9	71
RS-02	< 1.0	< 1.0	< 1.0	1.7	68
RS-03	< 1.0	< 1.0	< 1.0	1.8	75
RS-04	< 1.0	< 1.0	< 1.0	1.5	61
TB-01	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TB-02	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TB-03	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

1 - "<" indicates that the concentration of the analyte is less than the concentrations shown.

2 - RPD = relative percent difference.

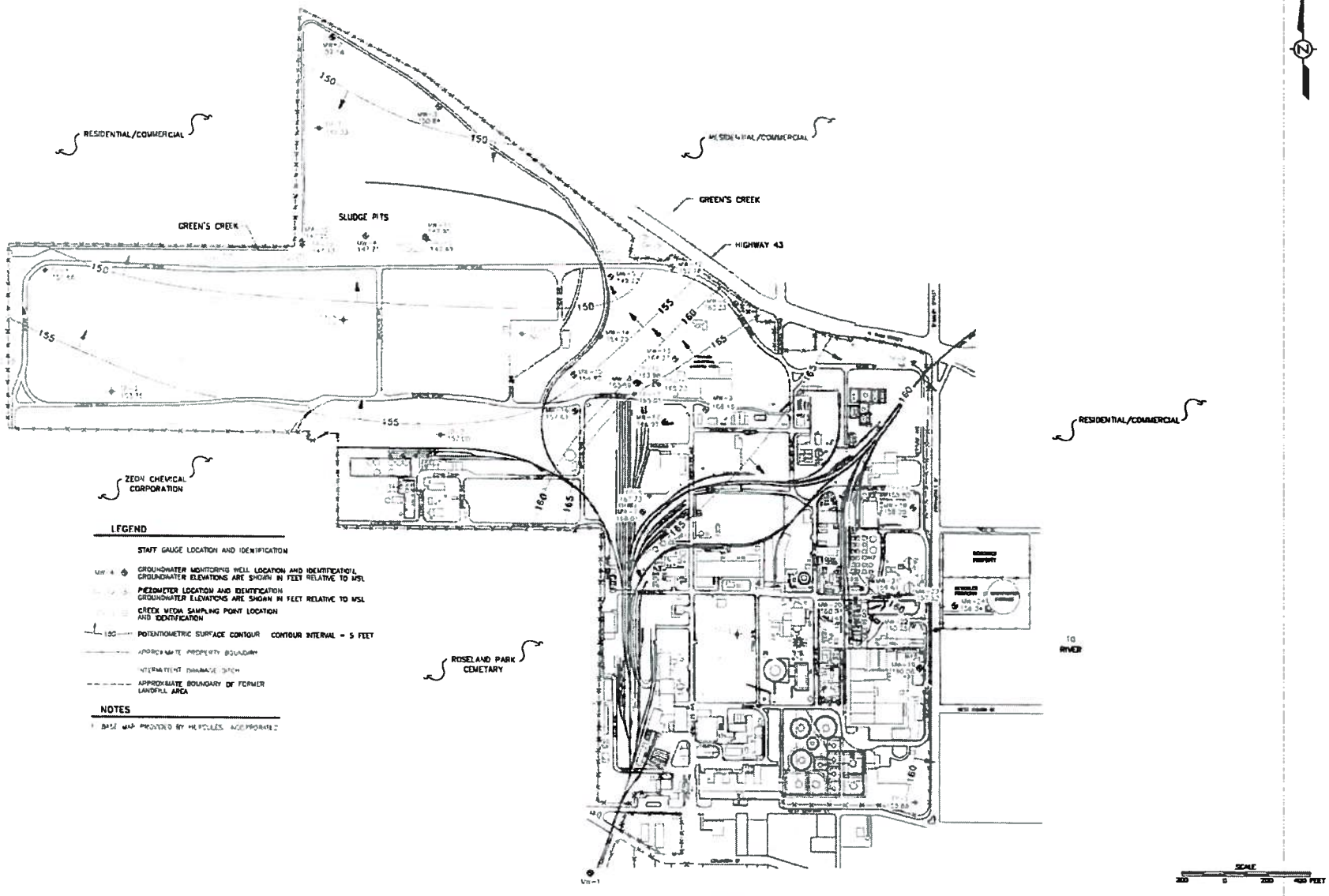
TABLE 4 (CONTINUED)

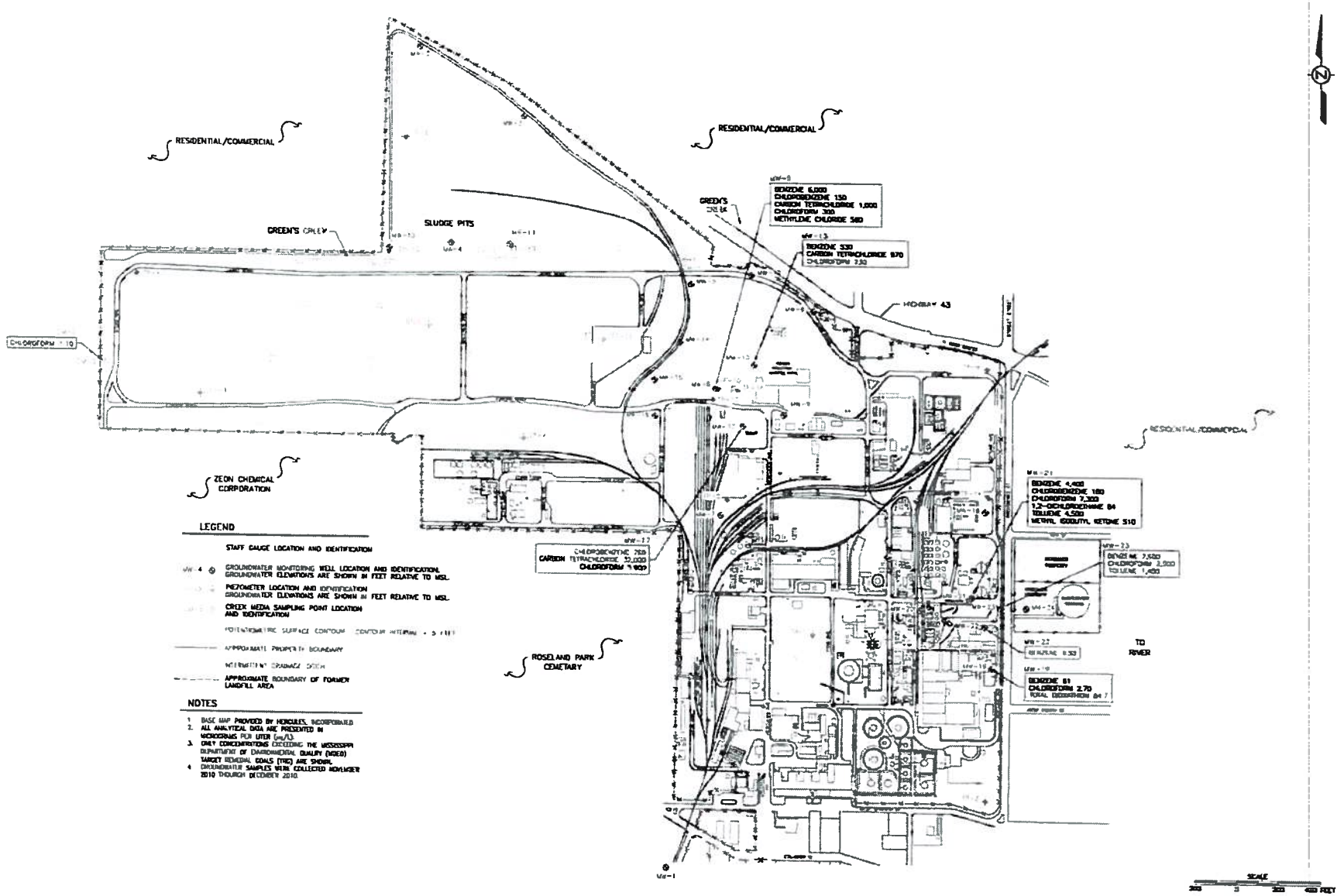
SUMMARY OF QA/QC SAMPLE ANALYTICAL RESULTS

Location	*Concentrations in µg/L*		
	Dioxenethion	***cis*-Dioxathion**	***trans*-Dioxathion**
MW-4	**22.2**	< 0.400	< 0.400
MW-4 FD01	**15.5**	< 0.400	< 0.400
RPD	35.5%	0.000%	0.000%
MW-13	**6.6**	**1.5**	**0.60**
MW-13 FD02	**6.3**	< 0.400	< 0.400
RPD	4.65%	95.0%	40.0%
MW-18	< 0.400	**2.6**	**5.6**
MW-18 FD03	**1.9**	< 0.400	**6.4**
RPD	130%	147%	13.3%
RS01	**0.55**	< 0.400	< 0.400
RS02	< 0.400	< 0.400	< 0.400
RS03	**1.3**	< 0.400	**0.89**
RS04	**2.9**	< 0.400	< 0.400

1- "<" indicates that the concentration of the analyte is less than the concentration shown

2- RPD = relative percent difference


RESIDENTIAL/COMMERCIAL
RESIDENTIAL/COMMERCIAL
GREEN'S CREEK
SLUDGE PITS
GREEN'S CREEK
HIGHWAY 43
RESIDENTIAL/COMMERCIAL
ZEON CHEMICAL CORPORATION
ROSELAND PARK CEMETARY
TO RIVER
LEGEND
STAFF GAUGE LOCATION AND IDENTIFICATION
GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION, GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL
PIEZOMETER LOCATION AND IDENTIFICATION GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL
CREEK MEDIA SAMPLING POINT LOCATION AND IDENTIFICATION
POTENTIOMETRIC SURFACE CONTOUR CONTOUR INTERVAL = 5 FEET
APPROXIMATE PROPERTY BOUNDARY
INTERMITTENT DRAINAGE DITCH
APPROXIMATE BOUNDARY OF FORMER LANDFILL AREA
NOTES
1. BASE MAP PROVIDED BY HERCULES, INCORPORATED
SCALE
400 0 200 400 FEET
HERCULES
Eco-Systems, Inc.
Consultants, Engineers and Scientists
Jackson, MS • Meridian, MS • Mobile, AL
Houston, TX • Nashville, TN • Atlanta, GA
Hattiesburg, MS • Gulfport, MS
HERCULES INCORPORATED
HATTIESBURG, MISSISSIPPI
POTENTIOMETRIC SURFACE MAP
DECEMBER, 2010
3
0


RESIDENTIAL/COMMERCIAL
RESIDENTIAL/COMMERCIAL
GREEN'S CREEK
SLUDGE PITS
GREEN'S
BENZENE 6,000
CHLOROBENZENE 130
CARBON TETRACHLORIDE 1,000
CHLOROFORM 300
METHYLENE CHLORIDE 580
BENZENE 530
CARBON TETRACHLORIDE 870
CHLOROFORM 230
HCMW-4 43
CHLOROFORM 110
ZEON CHEMICAL CORPORATION
RESIDENTIAL/COMMERCIAL
BENZENE 4,400
CHLOROBENZENE 180
CHLOROFORM 7,300
1,2-DICHLOROETHANE 84
TOLUENE 4,500
METHYL ISOBUTYL KETONE 510
CHLOROBENZENE 200
CARBON TETRACHLORIDE 52,000
CHLOROFORM 1,900
BENZENE 7,500
CHLOROFORM 2,300
TOLUENE 1,400
TO RIVER
ROSELAND PARK CEMETARY
BENZENE 81
CHLOROFORM 2.70
TOTAL DICHLOROETHENES 84.7
LEGEND
STAFF GAUGE LOCATION AND IDENTIFICATION
GROUNDWATER MONITORING WELL LOCATION AND IDENTIFICATION. GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL.
PIEZOMETER LOCATION AND IDENTIFICATION GROUNDWATER ELEVATIONS ARE SHOWN IN FEET RELATIVE TO MSL.
CREEK MEDIA SAMPLING POINT LOCATION AND IDENTIFICATION
POTENTIOMETRIC SURFACE CONTOUR CONTOUR INTERVAL = 5 FEET
APPROXIMATE PROPERTY BOUNDARY
INTERMITTENT DRAINAGE DITCH
APPROXIMATE BOUNDARY OF FORMER LANDFILL AREA
NOTES
1. BASE MAP PROVIDED BY HERCULES, INCORPORATED
2. ALL ANALYTICAL DATA ARE PRESENTED IN MICROGRAMS PER LITER (µg/L).
3. ONLY CONCENTRATIONS EXCEEDING THE MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY (MDEQ) TARGET REMEDIAL GOALS (TRG) ARE SHOWN.
4. GROUNDWATER SAMPLES WERE COLLECTED NOVEMBER 2010 THROUGH DECEMBER 2010.
SCALE
HERCULES
CHEMICAL SPECIALTIES
Eco-Systems, Inc.
Jackson, MS • Meridian, MS • Mobile, AL
Houston, TX • Nashville, TN • Atlanta, GA
Hattiesburg, MS • Gulfport, MS
SITE MAP SHOWING GROUNDWATER CONCENTRATIONS BENZENE TRGs
4
0