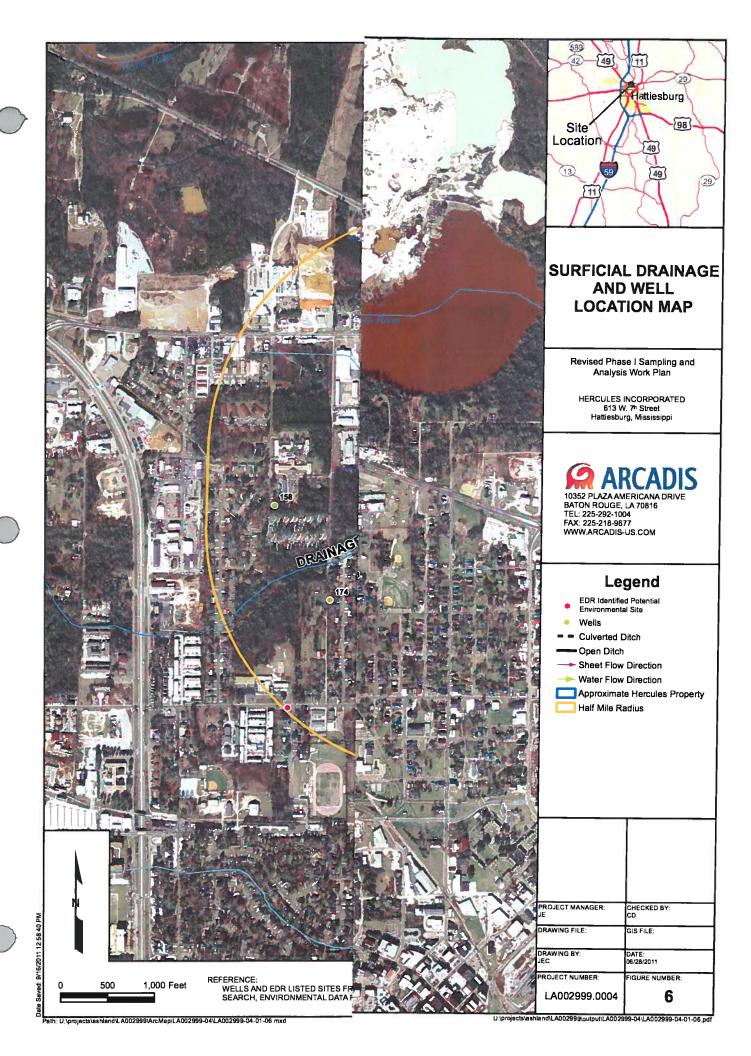


RESIDENTIAL/COMMERCIAL GREE RESIDENTIAL/COMMERCIAL ZEON CHEMICAL CORPORATION HERCULES PROPERTY LEGEND PROPERTY GROUNDWATER MO CREEK MEDIA SAM TO APPROXIMATE PROI RIVER INTERMITTENT DRAI APPROXIMATE BOU LANDFILL AREA FORMER PROCESS WEST EIGHTH ST SCALE: 1 = 200 HERCULES INCORPORATED
613 W. 7TH STREET
HATTIESBURG, MS
Revised Phase I Sampling and Analysis Work Plan EXISTING GROUNDWATER AND SURFACE WATER MONITORING NETWORK 1. BASE MAP DERIVED FROM "I FIGURE **ARCADIS** 2. BASE MAP DEPICTS EXISTING 5

PLTFULL,CTB PLOTTED: 9/16/2011 1:36 PM BY: MEN, SOTHON

TM.(Dp) LYR (Dp)ON=*,OFF=*REF* sed/2885-04-05 dvg LAYOUT, 5SAVED: 9/18/2011 1:38 PM ACADVER 17.05 (LMS TECH) PAGESETUP*

DB. R. PETRIE S. BELL LD. SOTHON MEN PIC (Opt) PM (Re G/APROJECTAshland/LA002899.0004/Figures/Phase I Work Plan



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CITY SYRACUSE, NY DIVIGROUP: ENVCAD DB: R. PETRIE S. BELL G'APROJECTAshland1A002999 0004/Figures/Phase I Work Plan Revise

XREFS IN AshlandTitle2 02999X02

cal Future	Biota
Construction Worker Off-site Resident	Terrestrial Aquatic

PRIMARY SOURCE

Spills and Discharge				
	NA	NA	?	N
	NA	NA	?	N

NA

Former Operations

?	?	NA	NA	

?

NA

NA

-	X	NA	NA	NA
	X	NA	NA	NA
Leaching/li_	X	NA	NA	NA

_NA	?	NA	NA
NA	?	NA	NA
NA	?	NA	NA

NA	0	NA	NA
NA	0	NA	NA
NA	0	NA	NA

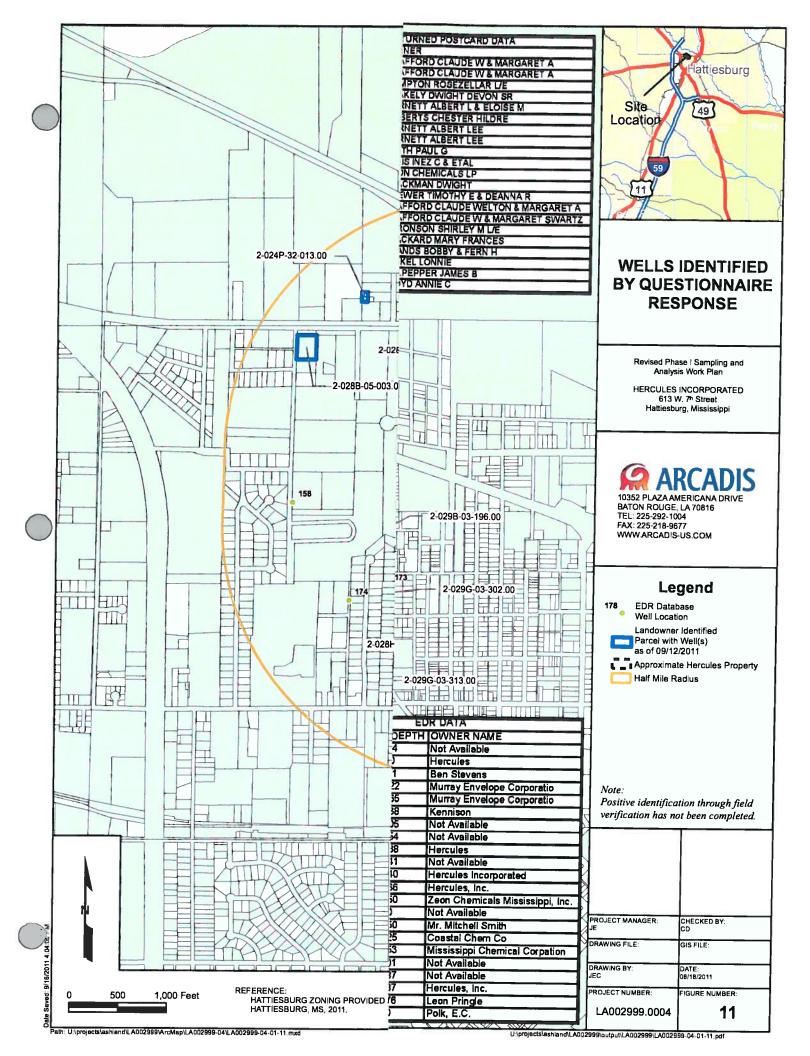
NA	Х	Х	Х
NA	X	X	Х
NA	Х	Х	X

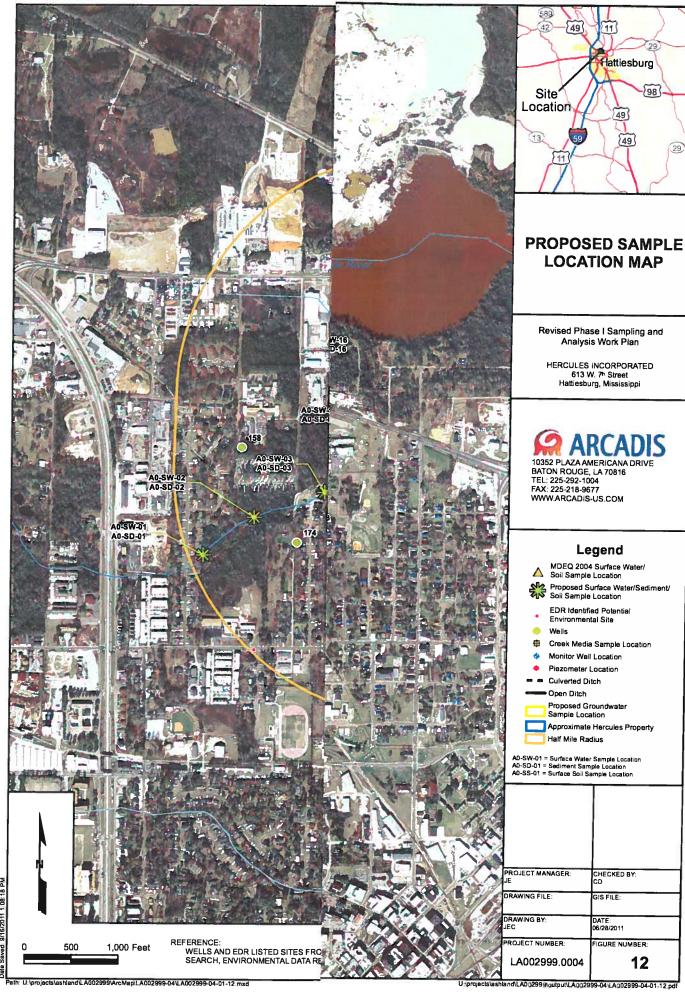
- Х Potentially complete expc
- 0 Incomplete exposure patr NA X X Pathway not applicable. NA
- Data Gap to be evaluate
- Inhalation of vapors durin



Figure 9

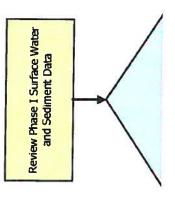
FIGURE 10





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Decision Flow Chart for Surface Water and Sediment for Areas Outside the Half-Mile Radius

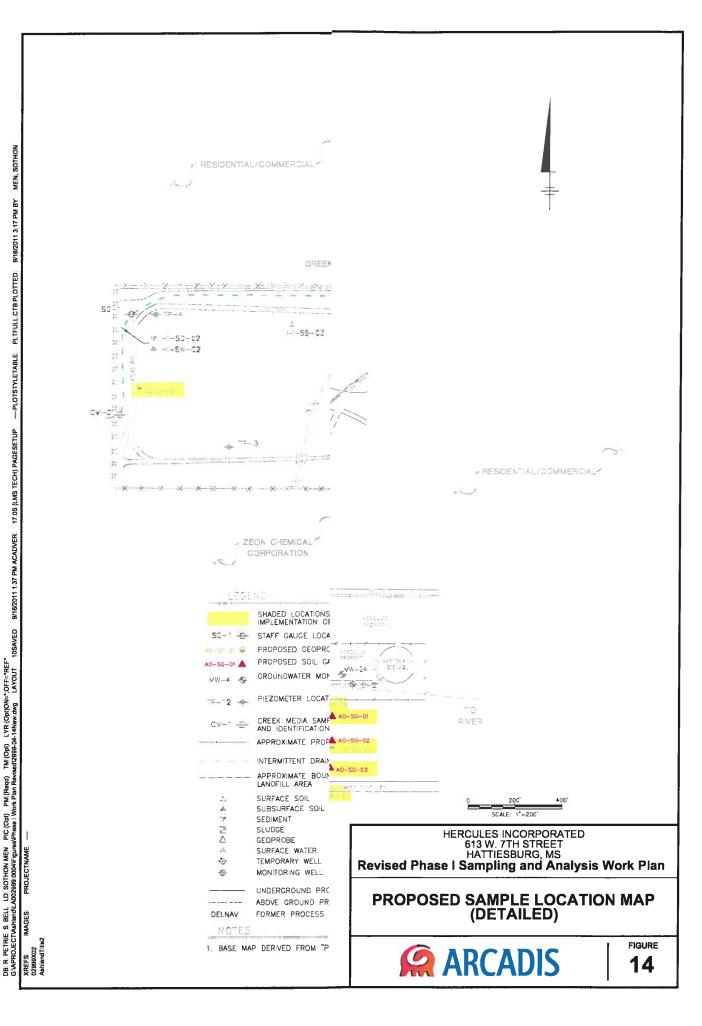


- (a) Constituent list will be approved by EPA and MDEQ prior to sampling and will be focused to site-related chemicals.
- (b) Human health and ecological screening levels.

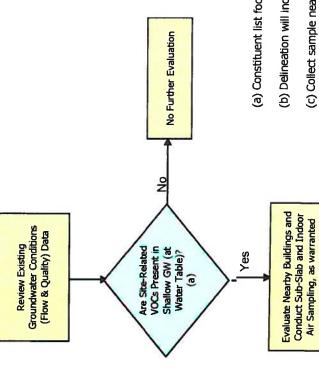
HERCULES INCORPORATED 613 W. 7TH STREET HATTIESBURG, MS Revised Phase I Sampling and Analysis Work Plan

DECISION FLOW CHART FOR SURFACE WATER AND SEDIMENT





Decision Flow Chart for Soil Gas and Vapor Intrusion Within and Beyond Half-Mile Radius of Site



- (a) Constituent list focused on site-related chemicals as approved by USEPA and MEDQ.
- (b) Delineation will include evaluation of utility corridors as they may effect COC migration.
- (c) Collect sample near the water table.
- (d) Within 100 feet of delineated screening level line.
- (e) Collect samples within half-mile radius of Site in areas of potential concern (right of ways, easements, other properties, etc.).

HERCULES INCORPORATED 613 W. 7TH STREET HATTIESBURG, MS Revised Phase I Sampling and Analysis Work Plan

DECISION FLOW CHART FOR SOIL GAS AND VAPOR INTRUSION

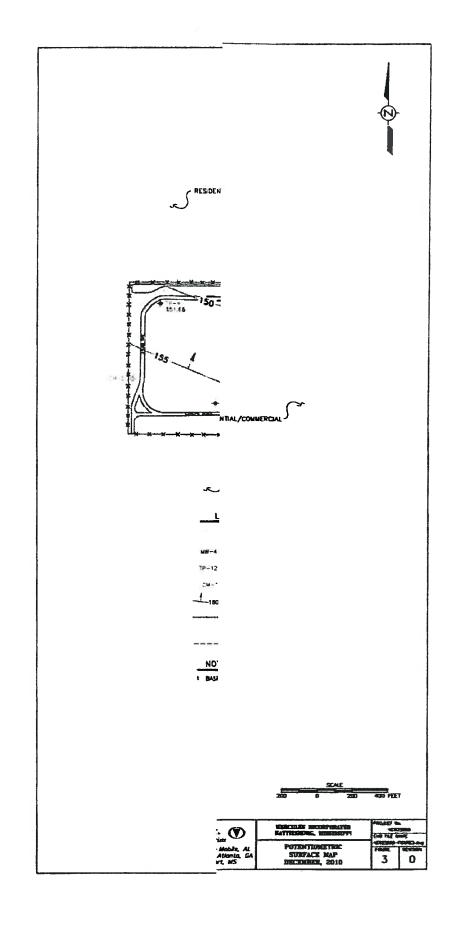


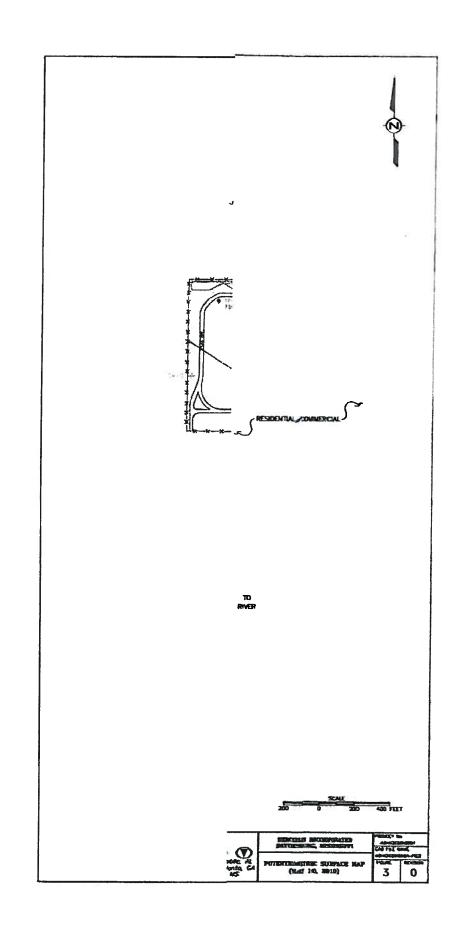


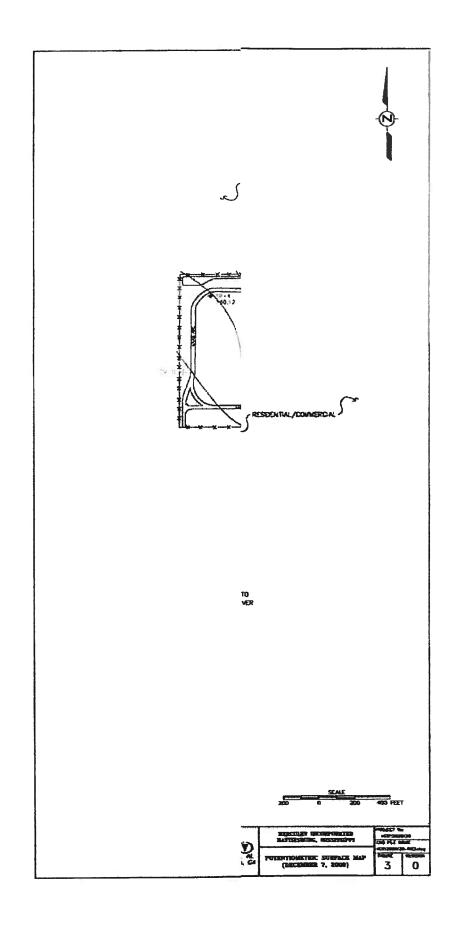


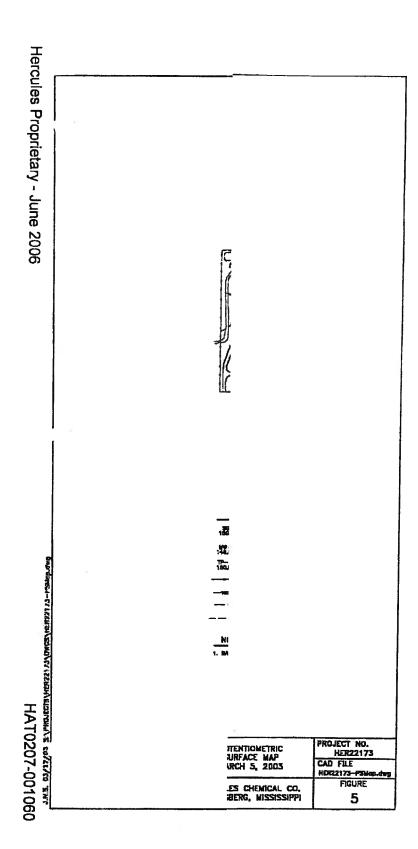
Appendix A

Historical Potentiometric Maps









HAT0205-000659





Appendix B

Notice of Land Use Restrictions

STATE OF MISSISSIPPI COUNTY OF FORREST

Prepared By/ Mississippi Decement of Environmental Quality P.O. Box 20305 Jackson, MS 39289 (601)961-5171

Mississippi Department of Environmental Quality

NOTICE OF LAND USE RESTRICTIONS



A Restrictive Use Agreed Order has been developed with regard to property located at 613 West 7th Street, Hattiesburg, MS as shown as Parcel 1in the attached survey plat, Exhibit "A". This property, hereafter referred to as the "Site," is situated in Sections 4 and 5, Township 4, Range 13 West, Forrest County, Mississippi, and being more particularly described by metes and bounds as follows, to-wit:

"A description for a parcel situated in Sections 4 and 5, Township 4 North, Range 13 West Forrest County, Mississippl; said parcel being illustrated as parcel 1 on survey plat for Hercules incorporated by Land Management Services & Mapping, LLC and being more particularly described by metes and bounds as follows: Commencing at a Railroad Spike Found at the NW Corner of Sald Section 4 said point having a Mississippi NAD 83 State Plane Coordinate of North: 671932.60' East: 834200.91' and thence run S01°48'08"W 243.97', to a metal pipe found on the south right-of way line of Mississippi Highway 42 for the Point of Beginning; thence leaving said south right of way line run S01°32'45"W 1,065.16', to a wood fence post found; thence run NS8°48'08"W 1,318.98', to a wood fence post found; thence run S01°48'01"W 796.25', to a concrete monument found; thence run S89°40'54"E 1,422.86', to a concrete monument found; thence run S00"21'17"W 129.67', to a concrete monument found; thence run \$89°39'18"E 144.76', to a concrete monument found; thence run S00°14'56"W 429.44', to a concrete monument found; thence run S89°52'14"E 1,237.65', to a metal fence post found; thence run S00°54'06"W 1,298.93', to an X-Cut set in concrete on the north right-of-way line of West 7th Street, said street having a 40' right-of-way as per the City of Hattiesburg; thence run along said north right-of-way N89°54'34"E 287.43', to a PK nall set, thence leaving said north right-of-way run; N00°03'00"E 190.92', to a PK nall set; thence run S89°02'44"E 189.42', to a PK nall set; N00°03'00"E 51.37', to a PK nail set; thence run S89°02'44"E 469.81', to an iron pin set; thence run S00°01'08"W 230.27', to an X-Cut set in concrete on the north right-of-way of sald 7th street; thence run along said north right-of-way N89°54'34"E 654.88', to a PK nall set at the intersection of the sald north right-of-way line and the west right-of-way line of Providence Street, sald Providence Street having a 60' right-of-way as per the City of Hattiesburg; thence leaving said north right-of-way line run along said west right-of-way line N00°03'42"W 1,290.00', to an iron pin set; thence continue along said west right-of-way line NB9°54'34"E 10.00', to an iron pin set; thence continue along said west right-of-way N00°04'39"W 817.15', to a PK nail set at the intersection of the west right-of-way of said Providence street and the south right-of-way line of Mississippi Highway 42 as per FAP U-008-2(1); thence leaving said west right-of-way line run along said south right-of-way N78°17'33"W 366.13', to an Iron pin set; thence continue along said south right-of-way as per PWS Docket # 1043R-71A-EXT S11°42'03"W 10.00' to a concrete right-of-way marker marking the point of curve of a non tangent curve to the right, having a chord bearing of N74"51'58"W, 233.23', and a radius of 1947.42'; thence continue along said south right-of-way westerly along the arc, through a central angle of 06°51'58", a distance of 233.38, to an Iron pin set; thence leaving said south right-of-way run S00°00'01"W 103.94', to a fence corner found; thence run West 100.00', to an iron pln set; thence run N00°31'30"W 113.09', to a metal pipe found; thence run East 74.46' to a PK nail set on the aforementioned south right-of way of Highway 42, said point marking the point of curve of a non tangent curve to the right, having a chord bearing of N68°09'32"W, 166.32', and a radius 1,947.42'; thence run along said south right-of-way westerly along the arc, through a central angle of 04°53'41", a distance of 166.37", to an Iron pin set; thence leaving said south right-of-way run South 42.85', to an iron pin set; thence run West 50.00', to an iron pin set; thence run North 50.00', to an Iron pin set; thence run West 75.00', to a concrete monument found; thence run North 54.74', to an Iron pln set on the south right-of-way line of said Highway 42, said point marking the point of curve of a non tangent curve to the right having a chord bearing of N58°38'21"W, 201.65", and a radius of 1,947.42"; thence run along said south right-of-way northwesterly along the arc, through a central angle of 05°56'08", a distance of 201.74', to a right-of-way marker found; thence continue along said south right-of-way N55°42'47"W 145.58', to an iron pin set; thence continue along said south right-of-way \$34°06'38"W 20.11', to an iron pin set; thence continue along said south right-of-way thence run N55°40'42'W 230.37; thence continue along said south right-ofway S34*19'18"W 20.00', to an iron pin set; thence continue along sald south right-of-way N55*40'37"W 570.29', to a right-of-way marker found; thence continue along said right-of-way N55°41'30"W 500.40', to a right-of-way marker found; thence continue along said north right-of-way N33°58'28"E 29.85', to a right-of-way marker found; thence continue along said north right-of-way N55°46'04"W 245.07', to a right-of-way marker found marking the point of curve of a non tangent curve to the left, having a chord bearing of N61°50'00"W, 603.00', and a radius of 2,808.94'; thence continue along said south right-of-way northwesterly along the arc; through a central angle of 12°19'25", a distance of 604.16' back to the Point of Beginning; containing 168.81 acres, more or less; all bearings, coordinates, and distances herein described are grid and are referenced to the west property line and are based on the Mississippl NAD 83 East Zone state plane coordinate system and are referenced to the national spatial reference system through the national geodetic survey's online positioning user service (opus) and are derived from a global positioning system observation, (combined grid factor: 0.99997116; convergence: -0°14'45")."

BOOK 1 0 3 1 PAGE 0 2 4

Indexing Instructions: NE, NW, SE, SW of Section 4 & NE of Section 5, Township 4 North, Range 13 West

STATE OF MISSISSIPPI

COUNTY OF FORREST

Soil and groundwater on the Site contains Benzene (CAS #71432), Chlorobenzene (CAS #108907), Carbon Tetrachloride (CAS #56235), Chloroform (CAS #67663), 1,2-Dichloroethane (CAS #107062) and Toluene (CAS #105553) at levels in excess of the Target Remediation Goals (TRGs) as established by the Mississippi Department of Environmental Quality (MDEQ). Other substances are present in the soil and groundwater that do not exceed TRGs have also been identified. In order to protect public health and the environment, certain restrictions are hereby placed on the Site.

The following is a listing of all restrictions for the Site:

There shall be no excavating, drilling or other activities to depths that could create exposure to contaminated media without approval from MDEQ;

The groundwater at the Site shall not be used, unless otherwise approved by MDEQ;

3. Monitoring wells shall be protected and maintained. In the event that a monitoring well is destroyed or damaged or is no longer needed, a plan for repair, reinstallation or abandonment of the well(s) must be submitted to MDEQ for approval; and

No wells shall be installed without prior approval from MDEQ.

Prior to executing any deed or other instrument conveying an interest in the Site, the following conditions must be met:

1. Any conveyance of the property, or any portion thereof, must contain as covenants the restrictions listed above with a statement that the covenants run with the land and continue into perpetuity unless otherwise ordered by the Mississippi Commission on Environmental Quality;

Notice must be provided to MDEQ at least 30 days prior to any property transaction involving

the Site: and

3. Prior to any change in use of the Site or any portion thereof, notice shall be given to the MDEQ.

This Notice may be executed in counterparts.

The partles that have a legal or equitable surface interest in the Site	follow: STATE OF HISSISSIPE!
Hercules Incorporated	TONOW: STATE OF HISSISSIBLE FORREST COUNTY CERTIFY THE INSTRUMENT WAS FILED AND RECOIDED
Executed, this the 10th day of <u>December</u> , 2007. BY: Johns H. Strave JAM 11/15/27 for	2000 FEB 25 AM 10: 24
TITLE: VP. SHERA	WITHESS MY HAND AND SEAL JIMMY C. HAVARD CHANCERY CLERK
VI. STERH	

PERSONALLY appeared before me, the undersigned authority in and for the jurisdiction aforesaid, on this the 10th day of December, 2007 within my jurisdiction, the within named _acknowledged that (he)(she) is _______SHERA___ of Hercules Incorporated, a Delaware corporation, and that for and on behalf of the said corporation, and as its act and deed (he)(she) executed the above and foregoing instrument, after first having been duly authorized by said corporation so to do. 73. F

SWORN TO AND SUBSCRIBED BEFORE ME, this the 1011

BOOK 1031 PAGE 0241

MY COMMISSION EXPIRES: No Explantion DATE

AHLUMMS

Notary Public State of Delaware My Confinission Hiss to Evolration Date

Page 2 of 2

29 Del.C. § 4323(a)(3)