

Groundwater Interim Progress Report V

**Kuhlman Electric Corporation
Crystal Springs, Mississippi**

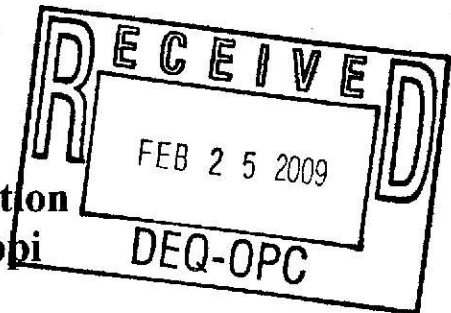
Prepared for

BorgWarner Inc.

February 2009

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Kuhlman Electric Corporation
Crystal Springs, Mississippi



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FILE COPY

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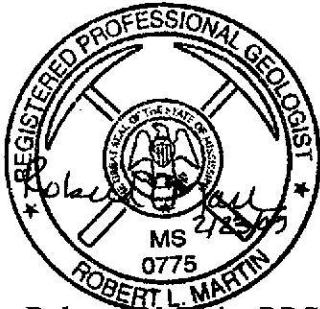
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Kuhlman Electric Corporation
Crystal Springs, Mississippi**

Certification Page

“This document prepared under the supervision and control of Robert L. Martin, RPG,
and Christine E. Slagle.”



Robert L. Martin, RPG
February 23, 2009

A handwritten signature in cursive script that reads "Christine E. Slagle".

Christine E. Slagle
Principal Scientist
February 23, 2009

“I have reviewed this document in sufficient depth to accept full responsibility for its
contents related to the geologic discussion/data/information contained herein.



Charles O. M. Peel, RPG
February 24, 2009”

Groundwater Interim Progress Report V
Kuhlman Electric Corporation
Crystal Springs, Mississippi

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1.0 INTRODUCTION

1.1 Background

Kuhlman Electric Corporation (KEC) owns and operates a transformer manufacturing plant in Crystal Springs, Mississippi (Figure 1). The KEC plant was constructed in the 1950s and has been owned and operated as a transformer manufacturing plant since that time. On April 19, 2000, BorgWarner received notification from KEC, in accordance with a prior purchase agreement, that areas of contaminated soil had been found at the plant site.

Environmental assessments conducted at the KEC plant site indicated the presence of soil contaminated with polychlorinated biphenyls (PCBs) and various chlorinated benzenes. BorgWarner, on behalf of KEC, engaged an environmental consultant to prepare a groundwater assessment work plan. The groundwater assessment plan was prepared in response to Mississippi Commission on Environmental Quality Order No. 4449-02, issued to KEC on July 23, 2002.

The preliminary groundwater assessment was conducted in March and April 2004 to determine if chemical constituents previously detected in site soils impacted groundwater beneath the plant site. During the preliminary groundwater assessment, eight permanent monitoring wells were installed on the KEC property in areas that contained the highest concentrations of PCBs as identified during the plant site soil assessment. During the installation of the monitoring wells, soil, perched groundwater, and groundwater from the uppermost aquifer were sampled and analyzed for the presence of PCBs, volatile organic compounds (VOCs) and semi-volatile compounds (SVOCs). Chlorinated and non-chlorinated organic compounds were detected in groundwater samples collected during the preliminary groundwater assessment. A *Preliminary Groundwater Assessment Report* was prepared and submitted to the Mississippi Department of Environmental Quality (MDEQ) in July 2004.

After MDEQ's review of the preliminary groundwater assessment, a *Comprehensive Groundwater Assessment Work Plan* was prepared and submitted to MDEQ for review and approval. In a letter dated September 22, 2006, MDEQ approved the Work Plan.

A *Groundwater Interim Progress Report* was prepared and submitted to MDEQ in September 2007, providing MDEQ with an update of the sampling and analysis of groundwater from the Crystal Springs municipal water supply wells and municipal supply line. The report also detailed the installation of 28 additional monitoring wells on the KEC property and vicinity, which resulted in a monitoring well network of 36 wells (i.e., eight existing wells and the 28 newly installed wells). The report presented analytical results from the July and August 2007 sampling events that involved the collection of groundwater samples from 36 monitoring wells located on and off the plant property.

A *Groundwater Interim Progress Report II* was prepared and submitted to MDEQ in February 2008. This report provided MDEQ with an update of the November 2007 sampling event that involved the collection and analysis of groundwater samples from 36 monitoring wells located on and off the plant property. This report also summarized the analytical results of the municipal wells and municipal supply line monthly sampling events from July through December 2007.

A *Groundwater Interim Progress Report III* was prepared and submitted to MDEQ in August 2008. The report summarized groundwater sampling and analysis activities associated with the March and June 2008 sampling events involving the 36 monitoring wells located on and off the plant property. This report also summarized the analytical results of the municipal wells and municipal supply line monthly sampling events from January through June 2008.

A *Groundwater Interim Progress Report IV* was prepared and submitted to MDEQ in November 2008. The report summarized groundwater sampling and analysis activities

associated with the September 2008 sampling event involving the 36 monitoring wells located on and off the plant property. This report also summarized the analytical results of the municipal wells and municipal supply line monthly sampling events from July through September 2008.

1.2 Site Description

The KEC plant is located at 101 Kuhlman Drive, Crystal Springs, Copiah County, Mississippi (latitude N 31° 15' 20" and longitude W 90° 21' 20"). The plant site is located within the Crystal Springs town limits. The town center is located approximately 0.25 miles south of the plant (Figure 1). Commercial businesses and residences are located along Lee Street, which borders the KEC property to the south. A railroad corridor and residences lie to the west of the plant. A vacant lot, formerly occupied by an icehouse, is located across Fulgham Avenue to the north of the plant, and private residences are located to the northeast. East of the plant and abutting the property are residences and one former funeral home. The residences are all single-family dwellings with individual yards. The single-family dwellings extend for several blocks in all directions except north. A church and a public swimming pool are located within two blocks of the site to the east. The predominant land-uses in the surrounding area are commercial, former industrial, institutional, and residential.

The KEC property consists of a manufacturing plant building situated on about 15 acres of land. This site has been used for industrial manufacturing purposes since the mid-1950s. The future use of the property is anticipated to remain industrial.

1.3 Scope of Report

This Groundwater Interim Progress Report V provides an update to MDEQ for the following work:

1. Monthly sampling and analysis of the City of Crystal Springs municipal water supply wells and municipal supply line from October 2008 through December 2008;
2. Sampling and analysis of groundwater samples collected during the month of December 2008 from the 36 monitoring wells located on and off the plant property.

2.0 MUNICIPAL WELL MONITORING

For a summary of the background and previous sampling activities and procedures associated with the City of Crystal Springs municipal wells and municipal supply line, please refer to the *Groundwater Interim Progress Report*, dated September 2007, the *Groundwater Interim Progress Report II* dated February 2008, the *Groundwater Interim Progress Report III* dated August 2008, and the *Groundwater Interim Progress Report IV* dated November 2008. The municipal well locations are depicted in Figure 2 of this report.

From September 2004 through December 2006, the operating municipal supply wells located south of the KEC plant and the municipal supply line were sampled on seven occasions. From January 2007 through December 2008, the municipal wells and municipal supply line were sampled and analyzed by the on-site laboratory on a monthly basis. At least 10% of the groundwater samples collected from the municipal wells were split and sent to the off-site laboratory for confirmation of the on-site laboratory results. Analytical results of the samples analyzed by both laboratories are summarized in Tables 1 and 2.

Sample analyses by both the on-site and off-site laboratories have identified concentrations of 1,1-dichloroethene (1,1-DCE) and 1,4-dioxane above the method reporting limit in the sample collected from municipal well CSW-WA1. The detected concentrations of 1,1-DCE and 1,4-dioxane are well below their respective MDEQ Target Remediation Goals (TRGs).

3.0 MONITORING WELLS

Monitoring well construction details and historical and current water column (head) elevations are provided in Table 3. A complete description of well installation activities is presented in the *Groundwater Interim Progress Report* dated September 2007.

For this interim assessment period, the network of 36 on-site and off-site monitoring wells was sampled December 1-8, 2008. All groundwater samples collected from the monitoring wells were analyzed by the on-site laboratory, Environmental Chemistry Consulting Services, Inc., Madison, Wisconsin (ECCS) for volatile organic compounds (VOCs) and 1,4-dioxane. At least 10% of the samples were split and shipped to the off-site laboratory, Columbia Analytical Services, Inc. (CAS) of Kelso, Washington for confirmation of the on-site laboratory results.

An analytical summary of VOCs and 1,4-dioxane concentrations detected in samples collected from the on-site monitoring wells is presented in Table 4 (on-site laboratory results) and Table 4A (off-site laboratory results). An analytical summary of VOCs and 1,4-dioxane concentrations detected in samples collected from the off-site monitoring wells is presented in Table 5 (on-site laboratory results) and Table 5A (off-site laboratory results). Figure 3 depicts the monitoring well locations and the 1,1-DCE isoconcentrations for the December 2008 sampling event. Figure 4 depicts the monitoring well locations and the 1,4-dioxane isoconcentrations for the December 2008 sampling event.

The groundwater sampling procedures used during each sampling event conform to current United States Environmental Protection Agency (USEPA) Region 4 standard procedures (SESDPROC-301-R1, Groundwater Sampling, November 1, 2007). As previously approved by MDEQ, all monitoring wells were purged using low-flow sampling techniques prior to sample collection. During purging, water level and water quality field parameter measurements were collected for each monitoring well until the

measurements indicate that formation water has been drawn into the well. Water levels also were monitored to confirm minimum drawdown during purging. At the conclusion of the purging process, the low-flow sampling technique was employed to collect groundwater samples from each well during all sampling events.

Groundwater samples were collected in 40-ml glass vials with septum caps and 1 liter amber jars with no preservative. Samples were immediately placed on ice in a cooler at 4° C and carried to the on-site laboratory under proper chain-of-custody protocols. The samples were analyzed by the on-site laboratory for VOCs and 1,4-dioxane by EPA Method 8260B.

At least 10% of groundwater samples collected were split and sent to the off-site laboratory for confirmation of the on-site laboratory results. All laboratory split and duplicate samples sent to the off-site laboratory for VOC analysis were preserved with hydrochloric acid.

4.0 QUALITY CONTROL SUMMARY REPORT

The on-site laboratory and off-site laboratory data for the municipal water supply wells, municipal supply line, and on-site and off-site monitoring wells have been reviewed to ensure that the data are of sufficient quantity and quality to support the data quality objectives previously established in the *Comprehensive Groundwater Assessment Plan, October 2004*.

As established by the MDEQ guidelines, all work related to the groundwater assessment has been performed in accordance with current USEPA Region 4 standard procedures.

The samples were analyzed for VOCs by the on-site laboratory, ECCS of Madison, Wisconsin, using EPA Method 8260B. The procedure incorporates all the quality control rigors of the full 8260B method, including quantification based on six-point calibration with continuing calibration verification, surrogate method performance monitoring, method blanks, and matrix spike/matrix spike duplicate (MS/MSD) samples. The reporting limit established for water analysis by the on-site laboratory is 1.0 µg/L. This reporting limit is below the established TRGs for target analytes with the exception of trans-1,3-dichloropropene and chloroform.

In September 2006, 1,4-dioxane was added to the analyte list. ECCS filters the sample and surrogate solution through an activated carbon disk, then extracts the sample with methanol and analyzes it by direct injection Mass Spectrometry – Selective Ion Monitoring (MSD/SIM).

At least 10% of the samples were split and sent off-site to CAS in Kelso, Washington for analysis of the same parameters as the on-site laboratory to verify the on-site laboratory's results. The off-site laboratory analyzed the samples using EPA method 8260B for VOCs. The off-site laboratory extracted base/neutral analytes by method 3510 and analyzed the extract by Method 8270C using SIM for the analysis of 1,4-dioxane.

The criteria upon which the data have been reviewed include:

- Holding Times
- Method Blanks
- Laboratory Control Samples
- Matrix Spike/Matrix Spike Duplicates
- Surrogate Recoveries
- Blind Duplicate Analysis
- Blanks
- Split Sample Analysis

4.1 Laboratory Data Review

The laboratory reports were reviewed for reporting accuracy and consistency with laboratory Quality Assurance/Quality Control (QA/QC) protocols. Confirmation of the on-site laboratory results was accomplished through the comparison of the on-site laboratory data with the data from the off-site laboratory.

4.1.1 Holding Times

Water samples designated for VOC analysis by the on-site laboratory were collected in 40-ml vials without preservative. The samples were placed on ice at the time of collection and were analyzed by the on-site laboratory within seven days of collection. Samples collected and shipped to the off-site laboratory were collected in 40-ml vials containing hydrochloric acid. The samples were placed on ice at the time of collection, shipped on ice, and maintained in the laboratory at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The maximum holding time for preserved samples is 14 days from sample collection to sample analysis. All water samples collected for VOC analysis were reported by the on-site laboratory to have been analyzed within the appropriate holding time.

Water samples designated for 1,4-dioxane analysis were collected in laboratory provided 1-liter amber jars containing no preservatives for the on-site laboratory and 250 ml amber jars containing no preservatives for the off-site laboratory. The samples were placed on ice at the time of collection and maintained in the laboratory at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. Samples sent to the off-site

laboratory were shipped on ice. The maximum holding time is 7 days from sample collection to sample extraction and 40 days from sample extraction to sample analysis. All water samples collected for 1,4-dioxane analysis were reported by the laboratories to have been extracted and analyzed within the appropriate holding time.

4.1.2 Method Blanks

Method blanks were analyzed by each laboratory for each requested analytical method. Method blanks were processed and analyzed at a frequency of one per day or one per 20 samples, whichever was greater. Method blank results for both laboratories were reviewed to evaluate the presence of target and non-target compounds in the blanks. Both laboratories reported acceptable method blank performance.

4.1.3 Laboratory Control Samples

Laboratory control samples (LCS) were analyzed by the off-site laboratory for each method at a minimum frequency of one per 20 samples. The off-site laboratory's LCS sample results were reviewed to evaluate the performance of the entire analytical system including preparation and analysis. The off-site laboratory's performance with regard to the LCS sample analysis and reported flags are acceptable.

4.1.4 Matrix Spike/ Matrix Spike Duplicates

Matrix spikes (MS) and matrix spike duplicates (MSD) were performed by both laboratories at a minimum frequency of one MS and MSD per 20 samples. The laboratories performed well with regards to the MS/MSD performance criteria, and spike recoveries were reported to be within the control limits.

4.1.5 Surrogate Recoveries

Both laboratories performed well with regards to surrogate recoveries. No surrogate recoveries were reported outside the applicable control limits by the off-site laboratory, and no laboratory performance issues were identified.

4.1.6 Duplicate Analysis

Blind duplicate samples were submitted to the laboratories without indication of the associated sample. The relative percent difference (RPD) between each sample and its duplicate for analytes detected in any duplicate pair were calculated based on the following equation:

$$\text{RPD (\%)} = \text{Absolute value of } ((C_S - C_D) / (C_S + C_D) / 2) \times 100$$

Where: C_S = Concentration of the sample

C_D = Concentration of the duplicate sample

Both laboratories reported excellent performance with regard to the reproducibility of the data.

4.1.7 Blanks

Trip blanks were submitted to the off-site laboratory for analysis of VOCs. Field blanks and rinsate samples were submitted to the on-site laboratory for analysis of VOCs and 1,4-dioxane. No target analytes were detected in these samples.

4.1.8 Split Sample Analysis

At least 10% of the samples were split and sent to CAS for confirmation. The samples were analyzed by the same or comparable analytical methods for VOCs. A comparison of the analytical results for VOCs indicates that the on-site laboratory is consistently meeting the data quality objectives.

Where both laboratories reported no detections above the reporting limit, even where the reporting limits were different, the duplicate pair was considered to be within acceptable control limits. The split sample analytical results for 1,1-DCE showed excellent comparability between the two laboratories with no RPDs outside the control limit. The split sample analytical results for 1,4-dioxane showed excellent comparability with no RPDs outside the control limit.

4.2 Data Usability

4.2.1 Precision – Relative Percent Difference

Each laboratory's reported measurements of precision are acceptable.

4.2.2 Accuracy – Percent Recovery

Discussions of the accuracy of the MS/MSD and LCS are provided in previous sections of this report. VOC surrogate recoveries were reported to be within control limits for VOC analyses, including the QC data.

4.2.3 Field QA/QC

Field personnel adhered to all procedures outlined in Section 4 of the *Comprehensive Groundwater Assessment Plan, October 2004*.

4.2.4 Analytical Methods

Reported analytical methods were consistent with those specified in the sampling and analysis plan and appropriate for the associated sample matrices.

4.3 Completeness

The data are complete and satisfy the data quality objectives for this project. As detailed above, the type and frequency of applicable QC samples were reported to be in accordance with the *Comprehensive Groundwater Assessment Plan, October 2004* and other applicable guidance documents. Field QC samples were collected in accordance with the specified criteria.

4.4 Comparability

Standard sampling and handling protocols were successfully implemented for all samples and sample matrices. Field and laboratory records were maintained. Standard and appropriate analytical methods were used to analyze all samples. Analytical results were reported in appropriate units.

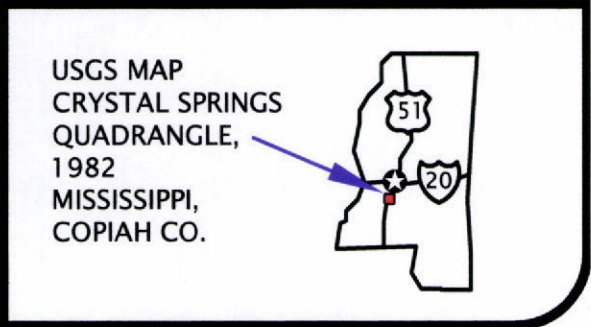
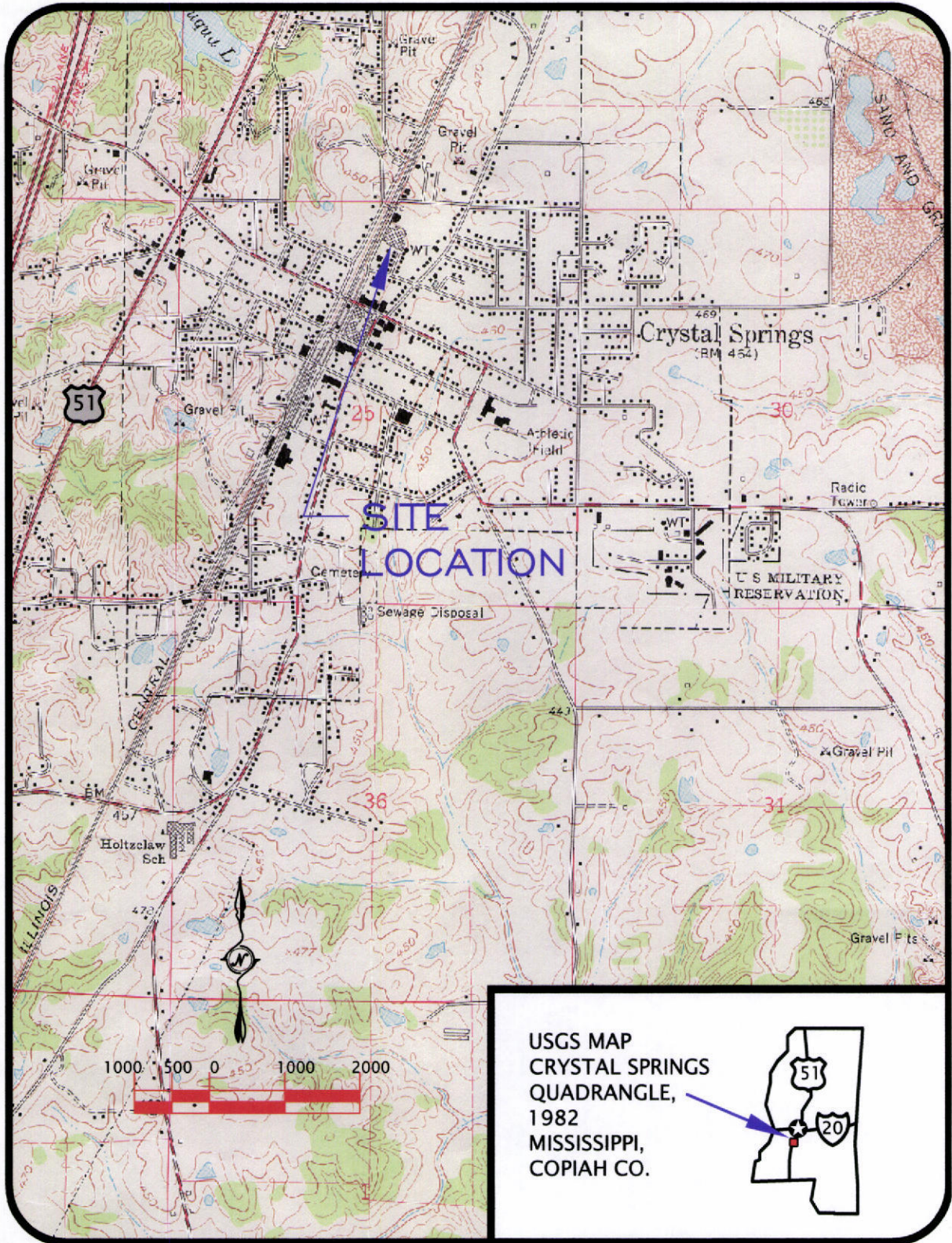
5.0 CONCLUSIONS AND RECOMMENDATIONS

The data presented in this report for the municipal water supply wells and municipal supply line indicate that one of the municipal wells CSW-WA1 is showing low levels of 1,1-DCE and 1,4-dioxane. The detected concentrations of 1,1-DCE and 1,4-dioxane are slightly above their respective laboratory reporting limits but well below their respective TRGs. No contaminants were detected at the municipal supply line. The monthly sampling events for the municipal wells and municipal supply line will continue.

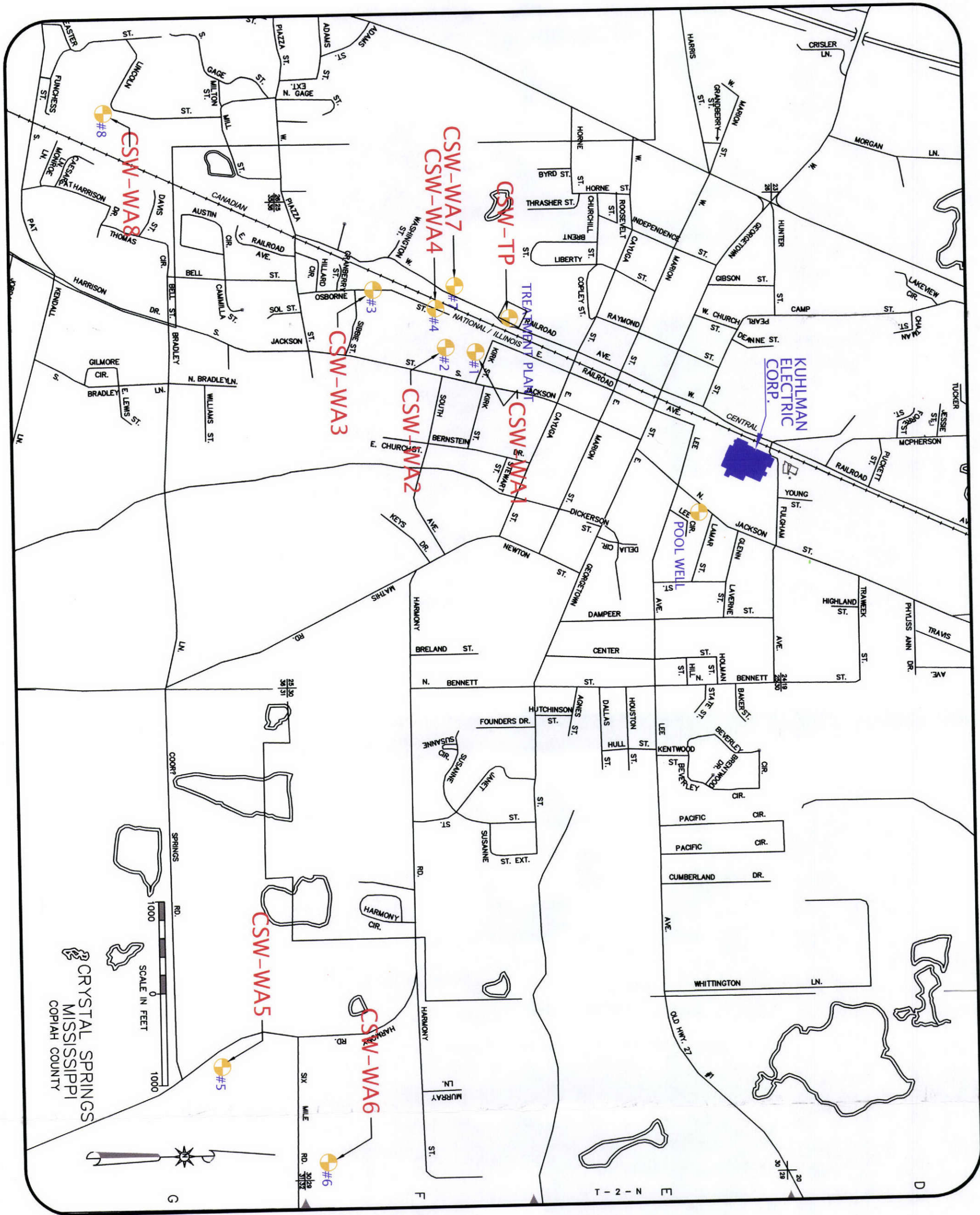
The December 2008 sampling event plume maps, are provided in Figures 3 and 4 1,1-DCE and 1,4-dioxane, respectively,

A potentiometric contour map is included as Figure 5.

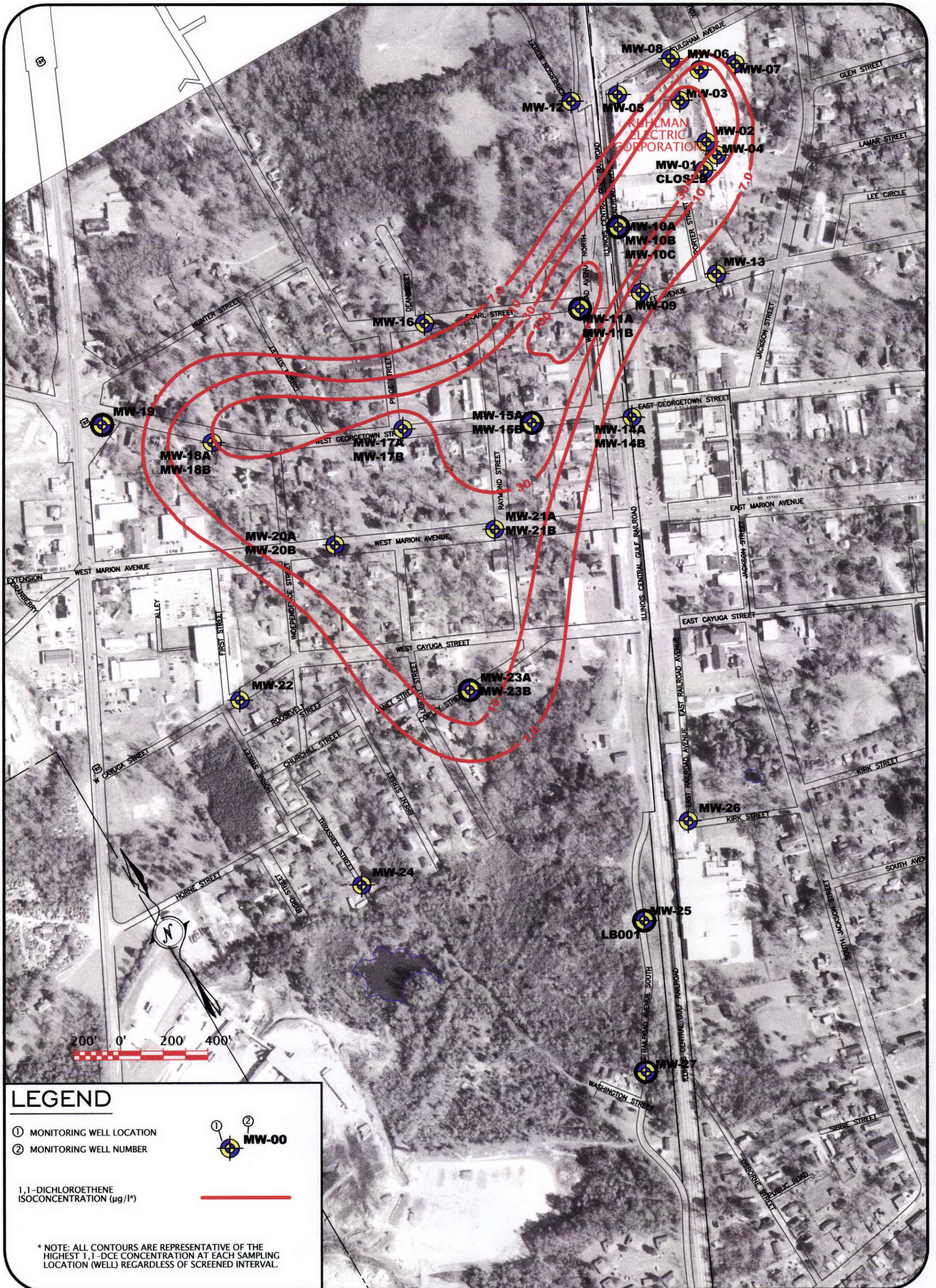
FIGURES



MARTIN & SLAGLE GeoEnvironmental Associates, LLC PO Box 1023 Black Mountain NC 28711 828.669.3929 828.669.5289	SCALE = 1":2000'	VICINITY MAP KUHLMAN ELECTRIC CORPORATION 101 KUHLMAN DRIVE CRYSTAL SPRINGS, MS
	REV: 0	
	DATE: 2/18/09	
	DR: DGR	
	CHK: RLM	
	PREPARED FOR: BorgWarner Inc.	FIGURE 1



LEGEND #0 MUNICIPAL WELL	SCALE 1"=1000' DR: DGR CHK: RLM REV: 0 DATE: 2/18/09 SOURCE: MS D.O.T.	GeoEnvironmental Associates LLC MARTIN & SLAGLE PO Box 1023 Black Mountain NC 28711 p 828.669.3929 f 828.669.5289	2 FIGURE
	PREPARED FOR: BORGWARNER INC	CRYSTAL SPRINGS MUNICIPAL WELL LOCATION MAP	
	KUHLMAN ELECTRIC CORPORATION 101 KUHLMAN DRIVE CRYSTAL SPRINGS, MS		



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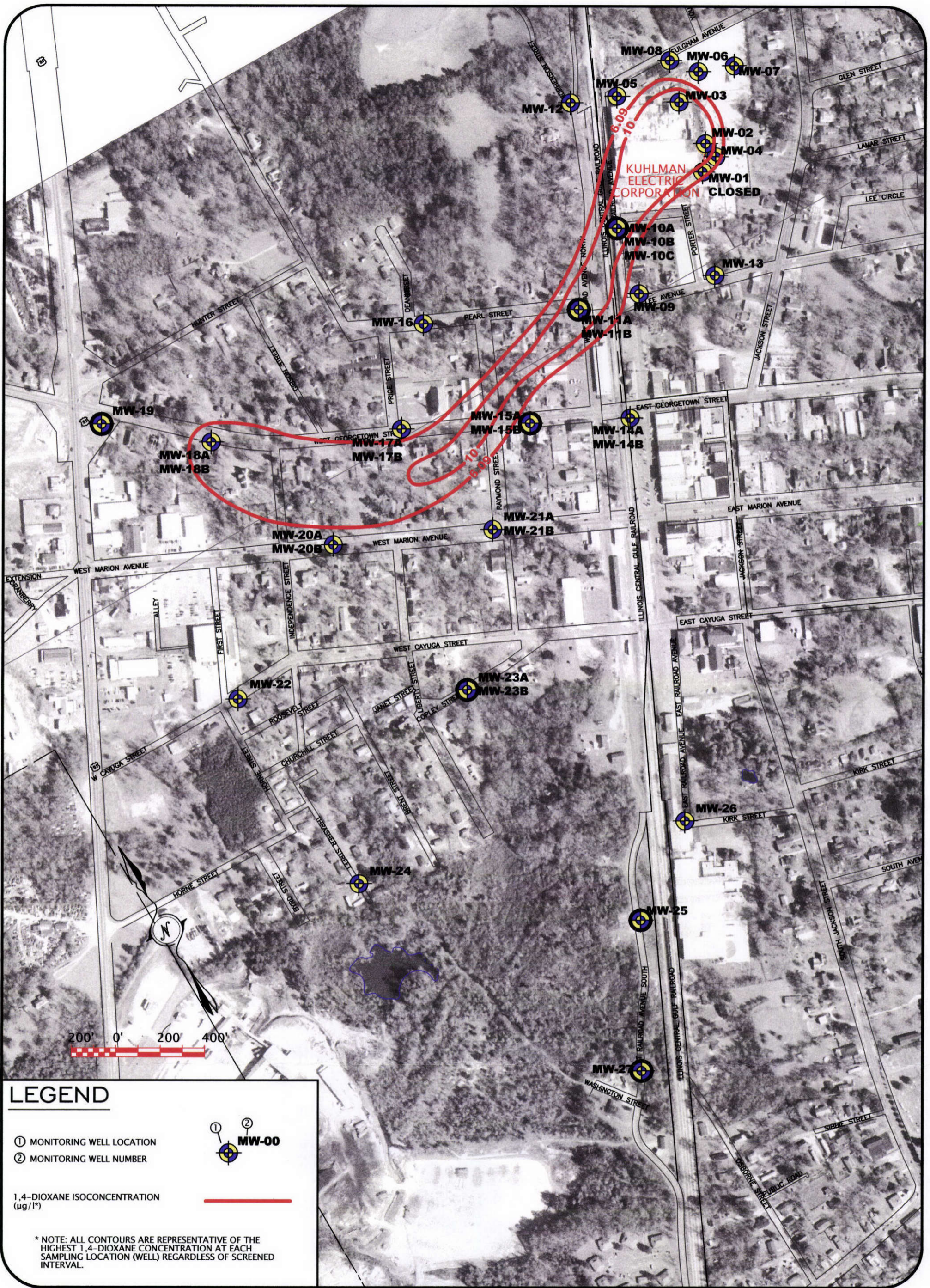
SOURCES:
 2005 AERIAL PHOTOGRAPHY
 COPIAH COUNTY, MS TAX ASSESSOR

PLUME MAP
 1,1-DICHLOROETHENE
 DECEMBER 2008

KUHLMAN ELECTRIC CORPORATION
 101 KUHLMAN DRIVE
 CRYSTAL SPRINGS, MS

SCALE 1"=400'
 DR: SML
 CHK: RLM
 REV: 0
 DATE: 2/17/09

3
 FIGURE



LEGEND

① MONITORING WELL LOCATION
 ② MONITORING WELL NUMBER

1,4-DIOXANE ISOCONCENTRATION (ug/l*)

* NOTE: ALL CONTOURS ARE REPRESENTATIVE OF THE HIGHEST 1,4-DIOXANE CONCENTRATION AT EACH SAMPLING LOCATION (WELL) REGARDLESS OF SCREENED INTERVAL.

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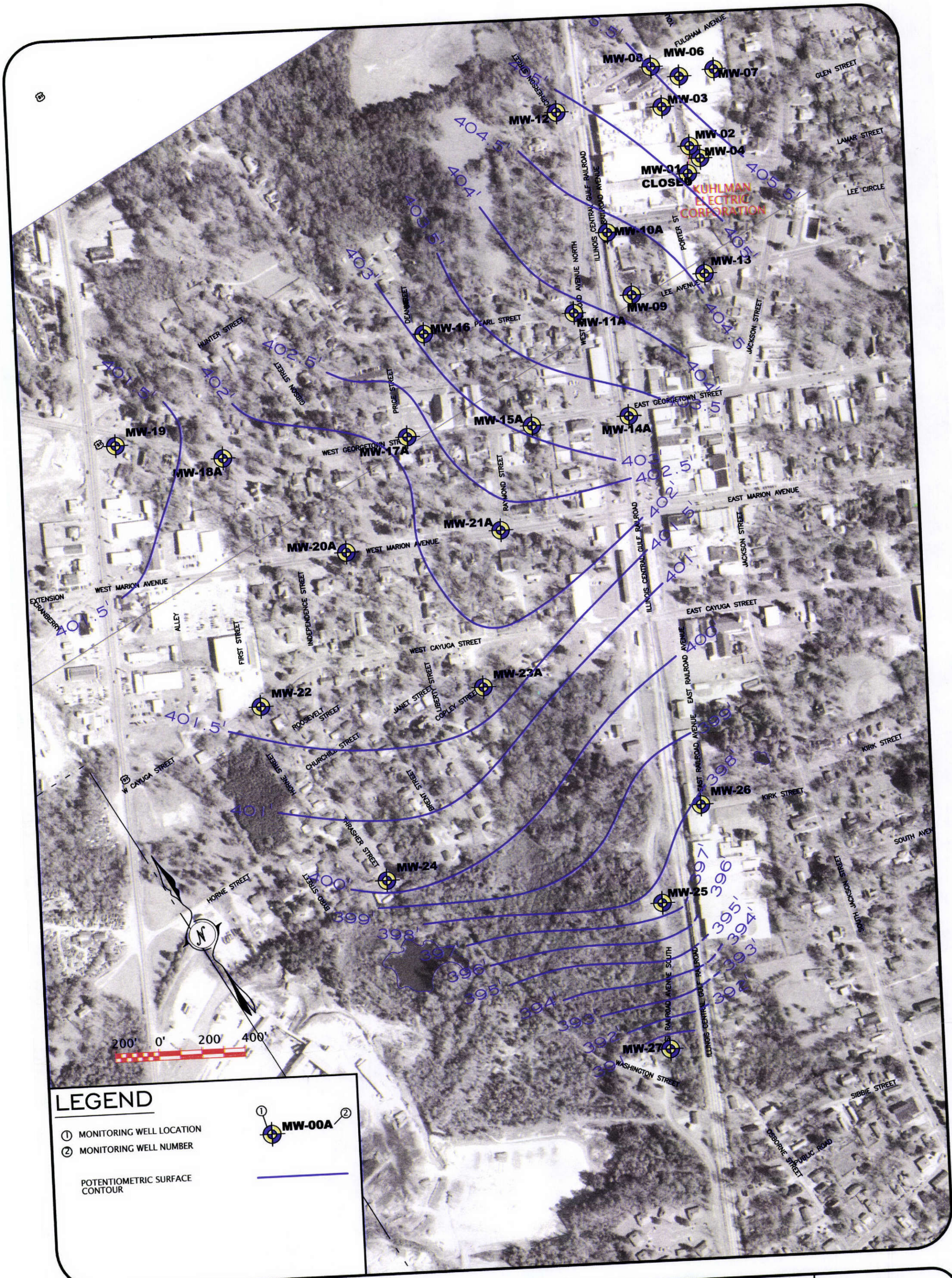
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SOURCES:
 2005 AERIAL PHOTOGRAPHY
 COPIAH COUNTY, MS TAX ASSESSOR

PLUME MAP
 1,4-DIOXANE
 DECEMBER 2008
 KUHLMAN ELECTRIC CORPORATION
 101 KUHLMAN DRIVE
 CRYSTAL SPRINGS, MS

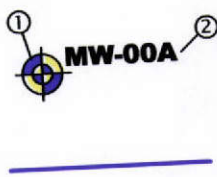
SCALE 1"=400'
 DR: SML
 CHK: RLM
 REV: 0
 DATE: 02/17/09

4
 FIGURE



LEGEND

- ① MONITORING WELL LOCATION
- ② MONITORING WELL NUMBER
- POTENTIOMETRIC SURFACE CONTOUR



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POTENTIOMETRIC CONTOUR MAP
 NOVEMBER 2008
 KUHLMAN ELECTRIC CORPORATION
 101 KUHLMAN DRIVE
 CRYSTAL SPRINGS, MS

SCALE 1"=400'
 DR: RLM
 CHK: CP
 REV: 0
 DATE: 2/12/2009

5
 FIGURE

TABLES

TABLE 1
Summary of Municipal Well Sampling Results for 1,1-Dichloroethene
September 2004 through December 2008
Kuhlman Electric Corporation
Crystal Springs, MS

Sample Date	Well Identification									
	CSW-WA1 On-site Lab	Duplicate (CSW-WA1) On-site Lab	CSW-WA1 Off-site Lab	Duplicate (CSW-WA1) Off-site Lab	CSW-WA2 On-site Lab	CSW-WA3 On-site Lab	Duplicate (CSW-WA3) On-site Lab	CSW-WA3 Off-site Lab	Duplicate (CSW-WA3) Off-site Lab	CSW-WA4 On-site Lab
9/7/04	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	<1.0	-	<1.0
11/14/05	<1.0	-	-	-	<1.0	<1.0	-	-	-	<1.0
11/16/05	-	-	-	-	-	-	-	-	-	-
3/15/06	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.00	< 1.00	<1.0
9/21/06	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.00	< 1.00	NC
11/8/06	<1.0	-	-	-	<1.0	<1.0	<1.0	<1.00	< 1.00	NC
12/13/06	1.0	-	-	-	<1.0	<1.0	<1.0	<1.00	< 1.00	NC
1/16/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	<1.00	< 1.00	NC
2/13/07	1.0	1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
3/13/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
4/17/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
5/22/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
6/19/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
7/17/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
8/14/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
9/11/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
10/10/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
11/6/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
12/11/07	<1.0	<1.0	< 1.00	< 1.00	<1.0	<1.0	<1.0	-	-	NC
1/9/08	<1.0	<1.0	1.0	1.1	<1.0	<1.0	<1.0	-	-	NC
2/12/08	<1.0	<1.0	0.93	1.0	<1.0	<1.0	<1.0	-	-	NC
3/4/08	<1.0	<1.0	1.1	1.1	<1.0	<1.0	<1.0	-	-	NC
4/1/08	1.1	1.2	1.3	1.3	<1.0	<1.0	<1.0	-	-	NC
5/6/08	1.1	1.1	1.4	1.4	<1.0	<1.0	<1.0	-	-	NC
6/10/08	1.3	1.4	0.97	1.2	<1.0	<1.0	<1.0	-	-	NC
7/8/08	1.2	1.1	1.2	1.5	<1.0	<1.0	<1.0	-	-	NC
8/5/08	1.4	1.4	1.2	< 0.5	<1.0	<1.0	<1.0	-	-	NC
9/9/08	1.2	1.3	1.4	1.4	<1.0	<1.0	<1.0	-	-	NC
10/14/08	1.1	1.1	1.4	1.3	<1.0	<1.0	<1.0	-	-	NC
11/12/08	<1.0	<1.0	< 0.5	< 0.5	<1.0	<1.0	<1.0	-	-	NC
12/2/08	1.4	1.3	1.7	1.7	<1.0	<1.0	<1.0	-	-	NC

1. Sample had Well ID of CSW-WA5 during the 9-7-04 sampling event
2. Sample had Well ID of CSW-WA3 during the 9-7-04 sampling event

Concentrations reported in µg/L

A result of (-) indicates this municipal well was not sampled and/or analyzed during the specified monitoring event
 NC = Sample not collected due to pump failure

TABLE 1
 Summary of Municipal Well Sampling Results for 1,1-Dichloroethene
 September 2004 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Sample Date	Well Identification									
	CSW-WA5 On-site Lab	CSW-WA6 On-site Lab	CSW-WA7 ^{3,4} On-site Lab	Duplicate (CSW-WA7) On-site Lab	CSW-WA7 Off-site Lab	Duplicate (CSW-WA7) Off-site Lab	CSW-WA8 On-site Lab	CSW-TP On-site Lab	CSW-TP Off-site Lab	Pool Well ⁵ On-site Lab
9/7/04	-	-	3.2	-	-	-	-	-	-	<1.0
11/14/05	-	-	9.7	-	10.1	10.2	-	<1.0	-	NC
11/16/05	-	-	8.7	8.8	10.5	10.6	-	<1.00	<1.00	NC
3/15/06	-	-	-	-	-	-	<1.0	<1.0	-	NC
9/21/06	-	-	-	-	-	-	<1.0	<1.0	<1.00	NC
11/8/06	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
12/13/06	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
1/16/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
2/13/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
3/13/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
4/17/07	<1.0	NC	-	-	-	-	<1.0	<1.0	-	NC
5/22/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
6/19/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
7/17/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
8/14/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
9/11/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
10/10/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
11/6/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
12/11/07	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
1/9/08	<1.0	NC	-	-	-	-	<1.0	<1.0	-	NC
2/12/08	<1.0	NC	-	-	-	-	<1.0	<1.0	-	NC
3/4/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
4/1/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
5/6/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
6/10/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
7/8/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
8/5/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
9/9/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
10/14/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
11/12/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC
12/2/08	<1.0	<1.0	-	-	-	-	<1.0	<1.0	-	NC

3. Sample had Well ID of CSW-WA4 during the 9-7-04 sampling event
 4. Well taken off-line by the City of Crystal Springs after November 2005.

Concentrations reported in µg/L
 A result of (-) indicates this municipal well was not sampled and/or analyzed during the specified monitoring event
 NC = Sample not collected due to pump failure
 Concentrations in bold exceed the MDEQ Target Remediation Goal for 1,1-DCE of 7.0 µg/L

5. Sample had Well ID of CSW-WA6 during the 9-7-04 sampling event

TABLE 2
 Summary of Municipal Well Sampling Results for 1,4-Dioxane
 September 2006 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Sample Date	Well Identification															
	CSM-WA1 On-site Lab	Duplicate CSM-WA1 On-site Lab	CSM-WA1 Off-site Lab	Duplicate CSM-WA1 Off-site Lab	CSM-WA2 On-site Lab	CSM-WA3 On-site Lab	Duplicate CSM-WA3 On-site Lab	CSM-WA3 Off-site Lab	Duplicate CSM-WA3 Off-site Lab	CSM-WA5 On-site Lab	CSM-WA6 On-site Lab	CSM-WA6 On-site Lab	CSM-WA6 On-site Lab	Duplicate CSM-WA6 On-site Lab	CSM-WA6 Off-site Lab	Duplicate CSM-WA6 Off-site Lab
9/21/06	<5.0	-	-	-	<5.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<5.0	<5.0	<5.00	<5.00
11/8/06	<1.0	-	-	-	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
12/13/06	<1.0	-	-	-	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1/16/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
2/13/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
3/13/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
4/17/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
5/22/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
6/19/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
7/17/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/14/07	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
9/11/07	1.3	1.3	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
10/10/07	1.3	1.3	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
11/6/07	1.2	1.2	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
12/11/07	1.1	1.3	<500	<500	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
1/9/08	1.2	1.3	1.1	1.1	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
2/12/08	1.0	1.0	0.77	0.85	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
3/4/08	1.2	1.2	0.66	0.63	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
4/1/08	1.2	1.3	0.94	0.87	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
5/6/08	1.3	1.3	1.1	1.1	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
6/10/08	1.4	1.4	0.90	0.99	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
7/8/08	1.1	1.0	0.94	0.99	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
8/5/08	1.0	1.1	0.79	0.71	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
9/9/08	1.1	1.0	0.91	0.91	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
10/14/08	1.2	1.1	0.75	0.79	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
11/12/08	<1.0	<1.0	<0.50	<0.50	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-
12/2/08	1.5	1.3	0.92	0.91	<1.0	<1.0	<1.0	<500	<500	<1.0	<1.0	<1.0	<1.0	<1.0	-	-

MDEQ Tier 1 Target Remediation Goal (TRG) for 1,4-Dioxane is 6.09 µg/L (ppb).
 Concentrations reported in µg/L.
 A result of (-) indicates sample was not collected and/or analyzed during the specified monitoring event.

Table 3
 Summary of Monitoring Well Construction and Groundwater Elevation Data
 April 2004 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

MONITORING WELL CONSTRUCTION DETAILS										GROUNDWATER ELEVATION DATA									
Well No.	Date Installed	Screen Length (ft)	Screen Interval (ft bgs)	Depth of Surface Casing (ft bgs)	Ground Surface Elevation (ft msl)	Top of Casing Elevation (ft msl)	GW Elevation 4-04 (ft msl)	GW Elevation 3-05 (ft msl)	GW Elevation 9-05 (ft msl)	GW Elevation 9-06 (ft msl)	GW Elevation 7-07 (ft msl)	GW Elevation 9-07 (ft msl)	GW Elevation 11-07 (ft msl)	GW Elevation 3-08 (ft msl)	GW Elevation 6-08 (ft msl)	GW Elevation 9-08 (ft msl)	GW Elevation 11-08 (ft msl)		
MW-1	3/9 & 3/11/2004	15	58-73	-	467.76	467.47	407.10	408.05	-	-	-	-	-	-	-	-	-		
MW-2	3/16/2004	15	57-72	-	465.59	465.23	407.35	408.28	408.96	406.87	406.73	406.43	406.73	405.71	405.65	405.33	405.28		
MW-3	3/18/2004	15	59-74	-	458.70	458.32	407.69	408.45	409.04	408.07	406.92	406.47	406.75	405.75	405.74	405.41	405.37		
MW-4	3/17/2004	15	55-70	-	465.82	468.47	407.32	408.27	408.97	410.87	-	-	-	-	-	-	-		
MW-5	3/18/2004	15	18-33	-	457.02	456.55	437.26	436.87	425.84	406.90	406.72	406.44	406.72	405.72	405.67	405.37	405.30		
MW-6	3/25/2004	15	43-58	-	457.61	457.28	407.75	408.71	409.35	407.13	406.93	406.68	406.93	406.05	405.95	405.65	405.52		
MW-7	3/24/2004	15	51-66	-	463.00	462.70	408.00	408.95	409.70	408.55	407.25	406.97	406.97	406.25	406.22	405.86	405.80		
MW-8	3/26/2004	15	47-62	-	455.04	454.46	407.68	408.64	409.27	408.12	406.93	406.53	406.93	405.89	405.89	405.96	405.50		
MW-9	3/3/2005	15	61-76	-	470.21	470.03	-	406.99	407.35	405.63	405.48	405.16	405.48	404.53	404.48	404.18	404.14		
MW-10A	7/7/2007	10	62-72	-	471.25	470.95	-	-	-	405.90	405.70	405.40	405.40	404.84	404.75	404.49	404.40		
MW-10B	7/7/2007	5	76-81	-	471.25	470.78	-	-	-	405.93	405.73	405.47	405.47	404.82	404.78	404.53	404.26		
MW-10C	7/17/2007	5	94-99	90	471.25	470.87	-	-	-	405.92	405.75	405.42	405.42	404.81	404.79	404.53	404.64		
MW-11A	7/5/2007	10	75-85	-	470.46	470.08	-	-	-	405.33	405.18	404.88	404.88	404.21	404.20	404.10	403.94		
MW-11B	7/18/2007	5	100-105	95	470.46	470.01	-	-	-	406.46	405.31	405.01	405.01	404.36	404.34	403.82	404.08		
MW-12	6/4/2007	10	65-75	-	465.65	465.35	-	-	-	405.17	406.02	405.75	405.75	405.17	405.15	404.79	404.88		
MW-13	7/7/2007	10	62-72	-	465.38	465.12	-	-	-	405.18	406.06	405.76	405.76	405.04	404.99	404.72	404.62		
MW-14A	6/8/2007	10	69.5-79.5	-	464.20	464.03	-	-	-	404.78	404.63	404.27	404.27	403.56	403.64	403.35	403.33		
MW-14B	6/11/2007	5	97-102	-	464.20	463.99	-	-	-	404.76	404.59	404.29	404.29	403.57	403.66	403.35	403.32		
MW-15A	6/12/2007	10	65-75	-	467.53	467.29	-	-	-	404.44	404.27	403.94	403.94	403.29	403.32	403.09	403.08		
MW-15B	6/20/2007	5	86-91	-	467.53	467.29	-	-	-	404.35	404.21	403.83	403.83	403.21	403.22	403.01	402.99		
MW-16	6/5/2007	10	55-65	-	460.51	460.24	-	-	-	404.21	404.07	403.74	403.74	403.14	403.19	402.93	403.04		
MW-17A	6/28/2007	10	60-70	-	460.31	460.02	-	-	-	402.97	402.85	402.52	402.52	402.04	402.15	401.90	402.04		
MW-17B	6/28/2007	5	83-88	-	460.31	460.04	-	-	-	403.04	402.89	402.64	402.64	402.04	402.14	401.88	402.04		
MW-18A	6/25/2007	10	62-72	-	459.95	459.46	-	-	-	402.41	402.28	402.11	402.11	401.54	401.61	401.39	401.64		
MW-18B	6/26/2007	5	80-85	-	459.95	459.67	-	-	-	402.42	402.31	402.07	402.07	401.55	401.67	401.43	401.58		
MW-19	6/6/2007	10	85.5-95.5	-	454.38	454.02	-	-	-	402.12	402.00	401.72	401.72	401.35	401.39	401.22	401.39		
MW-20A	6/22/2007	10	57-67	-	462.41	462.12	-	-	-	402.75	402.60	402.32	402.32	401.79	401.94	401.69	401.81		
MW-20B	6/21/2007	5	100-105	-	462.41	462.00	-	-	-	402.75	402.63	402.32	402.32	401.82	401.95	401.79	401.84		
MW-21A	7/2/2007	10	58-68	-	459.00	458.72	-	-	-	403.62	403.35	402.97	402.97	402.39	402.49	402.33	402.23		
MW-21B	7/16/2007	5	88-93	85	459.00	458.65	-	-	-	403.46	403.35	403.00	403.00	402.47	402.47	402.33	402.31		
MW-22	6/12/2007	10	85.5-95.5	-	447.92	447.54	-	-	-	402.49	402.39	402.05	402.05	401.67	401.76	401.56	401.74		
MW-23A	6/15/2007	10	35-45	-	440.61	440.12	-	-	-	402.87	402.77	402.44	402.44	401.79	401.96	401.80	401.88		
MW-23B	6/14/2007	5	79-84	-	440.61	440.41	-	-	-	402.76	402.60	402.26	402.26	401.78	401.88	401.70	401.78		
MW-24	7/5/2007	5	77-82	-	433.41	433.14	-	-	-	401.17	400.99	400.67	400.67	400.71	400.54	400.85	400.55		
MW-25	7/13/2007	10	98-108	-	451.26	450.95	-	-	-	399.75	399.52	399.05	399.05	398.52	398.75	398.04	397.89		
MW-26	6/7/2007	10	92-102	-	459.61	459.37	-	-	-	399.72	399.46	398.82	398.82	398.03	398.40	397.93	397.86		
MW-27	7/17/2007	10	99-109	-	433.48	433.56	-	-	-	391.06	391.79	391.55	391.55	391.43	391.14	391.35	390.72		

1. MW-1 was permanently closed March 2005

2. MW-4 was converted to a flushmount well - above ground riser removed altering the TOC elevation

DW = depth to water
 TOC = top of casing
 GW = groundwater

ft bgs = feet below ground surface
 ft msl = elevation in feet above mean sea level
 (-) means information does not exist or is not applicable under the defined parameters

Table 4
 On-site Laboratory
 Summary of On-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 March 2005 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethene	1,1-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Chloro-form	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRGs (Target Remediation Goals - µg/L)							7	798	200	5	0.155	0.126	6.09
MW-01	W1083	KEP-GW-001-003	3/2/05	11:04	3/3/05	-	18	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-02	W1090	KEP-GW-002-003	3/2/05	16:17	3/3/05	-	64	1.8	<1.0	<1.0	<1.0	<1.0	-
MW-02	W1373	KEP-GW-002-004	9/18/05	16:08	9/19/05	-	40	1.5	<1.0	1.6	<1.0	<1.0	-
MW-02	W1376	KEP-Duplicate	9/18/05		9/19/05	-	42	1.3	<1.0	1.4	<1.0	<1.0	-
MW-02	W1700	KEP-GW-002-005	9/20/06	15:30	9/22/06	9/22/06	8.3	<1.0	<1.0	<1.0	<1.0	<1.0	13
MW-02	W1708	KEP-Duplicate	9/20/06		9/22/06	9/22/06	15	<1.0	<1.0	<1.0	<1.0	<1.0	14
MW-02	W1948	KEP-GW-002-006	7/31/07	10:22	8/1/07	7/31/07	14	<1.0	<1.0	<1.0	<1.0	<1.0	6.0
MW-02	W2020	KEP-GW-002-007	11/3/07	11:40	11/3/07	11/3/07	14	<1.0	<1.0	<1.0	<1.0	<1.0	6.7
MW-02	W2206	KEP-GW-002-008	3/26/08	19:05	3/27/08	3/28/08	14	<1.0	<1.0	<1.0	<1.0	<1.0	4.8
MW-02	W2323	KEP-GW-002-009	6/8/08	15:33	6/13/08	6/13/08	22	<1.0	<1.0	<1.0	<1.0	<1.0	5.5
MW-02	W2411	KEP-GW-002-010	9/6/08	13:45	9/10/08	9/9/08	31	1.2	<1.0	<1.0	<1.0	<1.0	8.5
MW-02	W2514	KEP-GW-002-011	12/6/08	15:28	12/7/08	12/8/08	30	1.2	<1.0	<1.0	<1.0	<1.0	16
MW-03	W1084	KEP-GW-003-003	3/2/05	13:06	3/3/05	-	43	1.1	<1.0	<1.0	<1.0	<1.0	-
MW-03	W1091	KEP-Duplicate	3/2/05		3/3/05	-	42	1.1	<1.0	<1.0	<1.0	<1.0	-
MW-03	W1411	KEP-GW-003-004	9/23/05	10:25	9/23/05	-	28	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-03	W1412	KEP-Duplicate	9/23/05		9/23/05	-	33	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-03	W1701	KEP-GW-003-005	9/20/06	20:20	9/22/06	9/22/06	26	2.4	<1.0	<1.0	<1.0	<1.0	30
MW-03	W1949	KEP-GW-003-006	7/29/07	17:30	8/1/07	7/31/07	35	3.6	<1.0	<1.0	<1.0	<1.0	41
MW-03	W2021	KEP-GW-003-007	11/3/07	12:54	11/3/07	11/3/07	36	3.7	<1.0	<1.0	<1.0	<1.0	53
MW-03	W2207	KEP-GW-003-008	3/29/08	12:20	3/30/08	3/30/08	32	2.6	<1.0	<1.0	<1.0	<1.0	27
MW-03	W2321	KEP-GW-003-009	6/8/08	13:45	6/12/08	6/13/08	33	2.9	<1.0	<1.0	<1.0	<1.0	24
MW-03	W2412	KEP-GW-003-010	9/6/08	15:45	9/10/08	9/9/08	30	2.7	<1.0	<1.0	<1.0	<1.0	22
MW-03	W2415	KEP-Duplicate	9/6/08		9/10/08	9/9/08	33	2.9	<1.0	<1.0	<1.0	<1.0	21
MW-03	W2515	KEP-GW-003-011	12/6/08	16:00	12/7/08	12/8/08	31	2.4	<1.0	<1.0	<1.0	<1.0	12

Results reported in micrograms per liter (µg/L)
 Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 A result of (-) indicates that 1,4-dioxane was not analyzed for during the specified sampling event

Table 4
 On-site Laboratory
 Summary of On-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 March 2005 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethene	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Chloro-form	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRGs (Target Remediation Goals - µg/L)														
MW-04	W1089	KEP-GW-004-003	3/2/05	16:03	3/3/05	-	7	798	5	200	5	0.155	0.126	6.09
MW-04	W1374	KEP-GW-004-004	9/18/05	16:45	9/19/05	-	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-04	W1702	KEP-GW-004-005	9/20/06	17:45	9/22/06	9/22/06	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-04	W1951	KEP-GW-004-006	7/31/07	8:55	8/1/07	7/31/07	31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-04	W2022	KEP-GW-004-007	11/3/07	12:19	11/3/07	11/3/07	23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-04	W2208	KEP-GW-004-008	3/26/08	19:30	3/27/08	3/28/08	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-04	W2324	KEP-GW-004-009	6/8/08	16:17	6/13/08	6/13/08	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-04	W2410	KEP-GW-004-010	9/6/08	13:13	9/10/08	9/11/08	36	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-04	W2513	KEP-GW-004-011	12/6/08	15:05	12/7/08	12/9/08	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W1088	KEP-GW-005-003	3/2/05	15:28	3/3/05	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-05	W1371	KEP-GW-005-004	9/18/05	15:45	9/19/05	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-05	W1703	KEP-GW-005-005	9/20/06	14:05	9/22/06	9/22/06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-05	W1952	KEP-GW-005-006	8/3/07	15:10	8/3/07	8/3/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W2023	KEP-GW-005-007	11/7/07	16:39	11/7/07	11/7/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W2209	KEP-GW-005-008	3/29/08	15:35	3/31/08	3/29/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W2365	KEP-GW-005-009	6/13/08	14:51	6/15/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W2454	KEP-GW-005-010	9/12/08	9:12	9/13/08	9/14/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-05	W2520	KEP-GW-005-011	12/7/08	16:00	12/8/08	12/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Results reported in micrograms per liter (µg/L)
 Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 A result of (-) indicates that 1,4-dioxane was not analyzed for during the specified sampling event

Table 4
 On-site Laboratory
 Summary of On-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 March 2005 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethane	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Chloroform	Dibromochloromethane	1,4-Dioxane
MDEQ Tier 1 TRGs (Target Remediation Goals - µg/L)														
MW-06	W1087	KEP-GW-006-003	3/2/05	15:14	3/3/05	-	7	798	5	200	5	0.155	0.126	6.09
MW-06	W1369	KEP-GW-006-004	9/18/05	15:09	9/19/05	-	20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-06	W1704	KEP-GW-006-005	9/20/06	12:30	9/22/06	9/22/06	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-06	W1953	KEP-GW-006-006	7/29/07	15:45	8/1/07	7/31/07	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-06	W2024	KEP-GW-006-007	11/2/07	11:18	11/2/07	11/2/07	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-06	W2210	KEP-GW-006-008	3/29/08	9:25	3/30/08	3/30/08	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-06	W2318	KEP-GW-006-009	6/8/08	10:20	6/12/08	6/13/08	8.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-06	W2408	KEP-GW-006-010	9/6/08	10:03	9/10/08	9/9/08	9.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-06	W2516	KEP-GW-006-011	12/6/08	16:45	12/8/08	12/9/08	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W1086	KEP-GW-007-003	3/2/05	14:57	3/3/05	-	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-07	W1370	KEP-GW-007-004	9/18/05	15:22	9/19/05	-	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-07	W1705	KEP-GW-007-005	9/20/06	10:20	9/22/06	9/22/06	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-07	W1954	KEP-GW-007-006	7/29/07	11:08	8/1/07	7/31/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W2025	KEP-GW-007-007	11/2/07	9:51	11/2/07	11/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W2211	KEP-GW-007-008	3/27/08	19:30	3/28/08	3/29/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W2320	KEP-GW-007-009	6/8/08	13:08	6/12/08	6/13/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W2424	KEP-GW-007-010	9/8/08	9:10	9/10/08	9/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-07	W2522	KEP-GW-007-011	12/8/08	9:42	12/8/08	12/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Results reported in micrograms per liter (µg/L)
 Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 A result of (-) indicates that 1,4-dioxane was not analyzed for during the specified sampling event

Table 4
On-site Laboratory
Summary of On-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
March 2005 through December 2008
Kuhlman Electric Corporation
Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethene	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Chloro-form	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRGs (Target Remediation Goals - µg/L)														
MW-08	W1085	KEP-GW-008-003	3/2/05	14:04	3/3/05	-	7	798	5	200	5	0.155	0.126	6.09
MW-08	W1409	KEP-GW-008-004	9/22/05	17:25	9/22/05	-	5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-08	W1706	KEP-GW-008-005	9/20/06	11:40	9/22/06	9/22/06	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-08	W1955	KEP-GW-008-006	7/29/07	13:30	8/1/07	7/31/07	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-08	W2026	KEP-GW-008-007	11/2/07	10:47	11/2/07	11/2/07	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-08	W2212	KEP-GW-008-008	3/28/08	20:08	3/30/08	3/29/08	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-08	W2319	KEP-GW-008-009	6/8/08	10:58	6/12/08	6/13/08	3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-08	W2409	KEP-GW-008-010	9/6/08	10:27	9/10/08	9/9/08	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-08	W2523	KEP-GW-008-011	12/8/08	10:10	12/8/08	12/9/08	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W1140	KEP-GW-009-001	3/12/05	11:19	3/12/05	-	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-09	W1142	KEP-Duplicate	3/12/05		3/12/05	-	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-09	W1375	KEP-GW-009-002	9/18/05	17:03	9/19/05	-	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-
MW-09	W1707	KEP-GW-009-003	9/20/06	19:15	9/22/06	9/22/06	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-09	W1956	KEP-GW-009-004	7/31/07	13:15	8/1/07	7/31/07	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W2027	KEP-GW-009-005	11/3/07	10:19	11/3/07	11/3/07	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W2213	KEP-GW-009-006	3/29/08	11:45	3/30/08	3/30/08	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W2326	KEP-GW-009-007	6/8/08	18:50	6/13/08	6/13/08	7.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W2425	KEP-GW-009-008	9/8/08	11:55	9/11/08	9/10/08	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-09	W2511	KEP-GW-009-009	12/6/08	11:20	12/7/08	12/9/08	7.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10A	W1957	KEP-GW-010A-001	8/2/07	19:43	8/3/07	8/3/07	120	4.4	2.4	3.1	5.6	<1.0	<1.0	8.3
MW-10A	W2028	KEP-GW-010A-002	11/1/07	19:20	11/2/07	11/2/07	100	3.5	1.8	2.2	3.9	<1.0	<1.0	11
MW-10A	W2214	KEP-GW-010A-003	3/24/08	20:15	3/27/08	3/27/08	38	1.4	<1.0	<1.0	2.0	<1.0	<1.0	4.6
MW-10A	W2355	KEP-GW-010A-004	6/11/08	19:27	6/14/08	6/15/08	80	2.0	1.1	1.0	2.0	<1.0	<1.0	12
MW-10A	W2422	KEP-GW-010A-005	9/7/08	20:15	9/11/08	9/10/08	58	1.7	1.1	1.0	2.3	<1.0	<1.0	6.2
MW-10A	W2510	KEP-GW-010A-006	12/6/08	10:55	12/7/08	12/8/08	88	2.6	1.8	1.2	3.6	<1.0	<1.0	11

Results reported in micrograms per liter (µg/L)
 Concentrations in **bold** exceed their respective MDEQ Tier 1 TRG
 A result of (-) indicates that 1,4-dioxane was not analyzed for during the specified sampling event

Table 4
 On-site Laboratory
 Summary of On-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 March 2005 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Chloroform	Dibromochloromethane	1,4-Dioxane
MDEQ Tier 1 TRGs (Target Remediation Goals - µg/L)														
MW-10B	W1958	KEP-GW-010B-001	8/2/07	20:17	8/3/07	8/3/07	4.1	<1.0	<1.0	200	5	0.155	0.126	6.09
MW-10B	W2029	KEP-GW-010B-002	11/1/07	19:45	11/2/07	11/2/07	6.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.0
MW-10B	W2215	KEP-GW-010B-003	3/25/08	20:20	3/26/08	3/27/08	5.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.5
MW-10B	W2354	KEP-GW-010B-004	6/11/08	18:22	6/14/08	6/15/08	4.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3
MW-10B	W2414	KEP-GW-010B-005	9/6/08	20:45	9/10/08	9/9/08	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7
MW-10B	W2508	KEP-GW-010B-006	12/6/08	9:48	12/7/08	12/8/08	9.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.6
MW-10C	W1959	KEP-GW-010C-001	7/30/07	18:25	8/1/07	8/1/07	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	1.5	<2.0
MW-10C	W2030	KEP-GW-010C-002	11/1/07	18:40	11/2/07	11/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10C	W2216	KEP-GW-010C-003	3/25/08	20:30	3/28/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10C	W2356	KEP-GW-010C-004	6/1/08	19:52	6/14/08	6/15/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10C	W2423	KEP-GW-010C-005	9/7/08	21:45	9/10/08	9/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-10C	W2510	KEP-GW-010C-006	12/6/08	10:22	12/7/08	12/8/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W1963	KEP-GW-013-001	8/1/07	13:30	8/2/07	8/1/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W2034	KEP-GW-013-002	11/3/07	10:56	11/3/07	11/3/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W2220	KEP-GW-013-003	3/25/08	19:40	3/27/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W2325	KEP-GW-013-004	6/8/08	18:00	6/13/08	6/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W2413	KEP-GW-013-005	9/6/08	16:46	9/10/08	9/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-13	W2512	KEP-GW-013-006	12/6/08	12:08	12/7/08	12/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Results reported in micrograms per liter (ug/L)
 Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 A result of (-) indicates that 1,4-dioxane was not analyzed for during the specified sampling event

Table 5A
 Off-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethene	1,1-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Chloroform	Trichloro-ethene (TCE)	Toluene	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)							7	768	5	200	0.155	5	1000	0.09
MW-11A	W2217	KEP-GW-011A-003	3/24/08	16:15	4/2/08	4/9/08	94	3.7	2.8	2.3	0.94	0.61	<0.50	10
MW-11A	W2242	KEP-Duplicate1	3/24/08		4/2/08	4/8/08	97	3.8	3.0	2.4	0.98	0.62	<0.50	9.1
MW-11B	W1981	KEP-GW-011B-001	7/30/07	14:55	8/9/07	8/13/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-11B	W1950	KEP-Duplicate	7/30/07		8/9/07	8/13/07	31.8	<1.00	<1.00	<1.00	<1.00	<1.00	1.00	<0.500
MW-11B	W2032	KEP-GW-011B-002	11/2/07	15:02	11/8/07	11/7/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-11B	W2056	Duplicate 1	11/2/07		11/8/07	11/7/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-15B	W1967	KEP-GW-015B-001	8/1/07	9:30	8/13/07	8/13/07	5.08	<1.00	<1.00	<1.00	<1.00	<1.00	37.8	<0.500
MW-15B	W1981	KEP-Duplicate	8/1/07		8/9/07	8/13/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-18A	W1971	KEP-GW-018A-001	7/31/07	16:10	8/13/07	8/13/07	31.7	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-18A	W2341	KEP-GW-018A-004	6/10/08	11:40	6/18/08	6/28/08	39	0.54	<0.50	<0.50	0.38 ^J	<0.50	<0.50	3.7
MW-18A	W2342	KEP-Duplicate 2	6/10/08		6/18/08	6/28/08	39	0.51	<0.50	<0.50	0.41 ^J	<0.50	<0.50	3.9
MW18A	W2477	KEP-GW-018A-006	12/1/08	16:30	12/12/08	12/23/08	42	0.54	<0.50	<0.50	0.72	<0.50	<0.50	3.8
MW18A	W2478	KEP-Duplicate 1	12/1/08		12/12/08	12/23/08	42	0.54	<0.50	<0.50	0.73	<0.50	<0.50	3.8
MW18B	W2479	KEP-GW-018B-006	12/1/08	17:05	12/12/08	12/23/08	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2231	KEP-GW-020A-003	3/28/08	17:10	4/11/08	4/9/08	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2243	Duplicate 2	3/28/08		4/11/08	4/9/08	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2329	KEP-GW-020A-004	6/9/08	15:30	6/18/08	6/28/08	3.5	<0.50	<0.50	<0.50	0.060 ^J	<0.50	<0.50	<0.50
MW-20A	W2439	KEP-GW-020A-005	9/9/08	15:22	9/22/08	9/29/08	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2440	KEP-Duplicate 2	9/9/08		9/22/08	9/30/08	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW20A	W2492	KEP-GW-020A-006	12/2/08	15:00	12/12/08	12/23/08	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW20A	W2493	KEP-Duplicate 2	12/2/08		12/12/08	12/23/08	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Results are reported in micrograms per liter (ug/L)

Concentrations in bold exceed their respective MDEQ Tier 1 TRG

J: indicates concentration reported between method detection limit and reporting limit

Table 5A
 Off-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Chloroform	Trichloroethylene (TCE)	Toluene	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)							7	798	200	5	0.166	5	1000	0.09
MW-20B	W2046	KEP-GW-020B-002	11/3/07	14:26	11/9/07	11/7/07	46.9	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-20B	W2057	KEP-Duplicate	11/3/07		11/9/07	11/7/07	45.9	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-20B	W2232	KEP-GW-020B-003	3/28/08	18:20	4/11/08	4/9/08	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64
MW-20B	W2230	KEP-GW-020B-004	6/9/08	16:50	6/18/08	6/28/08	15	<0.50	<0.50	<0.50	0.050 ^J	<0.50	<0.50	0.89
MW-20B	W2231	KEP-Duplicate 1	6/9/08		6/18/08	6/28/08	15	<0.50	<0.50	<0.50	0.070 ^J	<0.50	<0.50	0.77
MW-20B	W2441	KEP-GW-020B-005	6/9/08	17:15	9/22/08	9/22/08	5.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20B	W2494	KEP-GW-020B-006	12/2/08	15:45	12/12/08	12/23/08	20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.89
MW-23B	W1980	KEP-GW-023B-001	8/2/07	14:42	8/9/07	8/13/07	40.1	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-23B	W2051	KEP-GW-023B-002	11/2/07	17:59	11/9/07	11/7/07	41.7	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-25	W2053	KEP-GW-025-002	11/5/07	17:25	11/9/07	11/16/07	14.6	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500

Results are reported in micrograms per liter (ug/L)

Concentrations in bold exceed their respective MDEQ Tier 1 TRG

J. indicates concentration reported between method detection limit and reporting limit

Table 5
 On-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Tetra-chloroethene	Toluene	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)														
MW-11A	W1960	KEP-GW-011A-001	7/30/07	12:40	8/1/07	7/31/07	27	<1.0	200	5	5	1000	0.125	6.09
MW-11A	W2031	KEP-GW-011A-002	11/2/07	14:40	11/2/07	11/2/07	41	1.4	<1.0	2.0	<1.0	<1.0	<1.0	2.8
MW-11A	W2017	KEP-GW-011A-003	3/24/08	16:15	3/27/08	3/27/08	79	3.3	2.0	7.9	<1.0	<1.0	<1.0	4.8
MW-11A	W2242	KEP-Duplicate 1	3/24/08		3/27/08	3/27/08	71	3.2	2.6	7.7	<1.0	<1.0	<1.0	16
MW-11A	W2353	KEP-GW-011A-004	6/11/08	14:40	6/14/08	6/15/08	63	2.3	1.8	5.2	<1.0	<1.0	<1.0	17
MW-11A	W2420	KEP-GW-011A-005	9/7/08	17:52	9/11/08	9/10/08	110	4.7	4.1	11	<1.0	<1.0	<1.0	8.4
MW-11A	W2501	KEP-GW-011A-006	12/4/08	11:40	12/6/08	12/6/08	130	6.7	5.6	17	<1.0	<1.0	<1.0	13
MW-11B	W1950	KEP-Duplicate	7/30/07		8/1/07	8/1/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W1961	KEP-GW-011B-001	7/30/07	14:55	8/1/07	7/31/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2032	KEP-GW-011B-002	11/2/07	15:02	11/2/07	11/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2056	KEP-Duplicate 1	11/2/08		11/2/07	11/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2218	KEP-GW-011B-003	3/24/08	16:35	3/27/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2352	KEP-GW-011B-004	6/11/08	14:20	6/14/08	6/15/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2421	KEP-GW-011B-005	9/7/08	18:35	9/10/08	9/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-11B	W2502	KEP-GW-011B-006	12/4/08	12:24	12/5/08	12/6/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W1962	KEP-GW-012-001	7/30/07	8:45	7/31/07	7/31/07	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W2033	KEP-GW-012-002	11/5/07	9:20	11/5/07	11/5/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W2219	KEP-GW-012-003	3/27/07	9:55	3/27/08	3/29/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W2358	KEP-GW-012-004	6/12/08	11:48	6/14/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W2445	KEP-GW-012-005	9/10/08	11:49	9/12/08	9/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-12	W2503	KEP-GW-012-006	12/4/08	15:21	12/5/08	12/6/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W1964	KEP-GW-014A-001	7/31/07	18:52	8/2/07	8/1/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W2035	KEP-GW-014A-002	11/5/07	11:35	11/5/07	11/5/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W2221	KEP-GW-014A-003	3/26/08	10:36	3/26/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W2328	KEP-GW-014A-004	6/9/08	12:35	6/13/08	6/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W2416	KEP-GW-014A-005	9/7/08	9:57	9/10/08	9/9/08	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14A	W2495	KEP-GW-014A-006	12/3/08	10:10	12/5/08	12/6/08	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W1965	KEP-GW-014B-001	7/31/07	19:25	8/2/07	8/1/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W2036	KEP-GW-014B-002	11/6/07	15:18	11/6/07	11/6/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W2222	KEP-GW-014B-003	3/26/08	10:53	3/26/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W2327	KEP-GW-014B-004	6/9/08	11:40	6/13/08	6/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W2417	KEP-GW-014B-005	9/7/08	11:20	9/10/08	9/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14B	W2496	KEP-GW-014B-006	12/3/08	10:40	12/5/08	12/6/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-15A	W1966	KEP-GW-015A-001	8/3/07	14:15	8/3/07	8/3/07	45	1.2	<1.0	1.4	<1.0	1.6	<1.0	1.8
MW-15A	W2037	KEP-GW-015A-002	11/1/07	13:25	11/1/07	11/1/07	51	1.3	<1.0	1.6	<1.0	<1.0	<1.0	2.4
MW-15A	W2223	KEP-GW-015A-003	3/26/08	13:40	3/26/08	3/27/08	38	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	2.2
MW-15A	W2351	KEP-GW-015A-004	6/11/08	11:20	6/14/08	6/15/08	34	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8
MW-15A	W2437	KEP-GW-015A-005	9/9/08	12:20	9/11/08	9/13/08	41	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9
MW-15A	W2498	KEP-GW-015A-006	12/3/08	14:35	12/5/08	12/6/08	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6

Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 Results reported in micrograms per liter (ug/L)

Table 5
 On-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro ethane	1,2-Dichloro ethane	1,1,1-Trichloro ethane	1,1,2-Trichloro ethane	Tetra chloro ethene	Toluene	Dibromo chloro methane	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)														
MW-15B	W1987	KEP-GW-015B-001	8/1/07	9:30	8/2/07	8/1/07	7	788	5	200	5	1000	0.126	6.09
MW-15B	W1981	KEP-Duplicate	8/1/07		8/2/07	8/1/07	10	<1.0	<1.0	<1.0	<1.0	44	<1.0	4.3
MW-15B	W2038	KEP-GW-015B-002	11/1/07	13:45	11/1/07	11/1/07	11	<1.0	<1.0	<1.0	<1.0	54	<1.0	4.4
MW-15B	W2224	KEP-GW-015B-003	3/26/08	14:10	3/26/08	3/27/08	8.6	<1.0	<1.0	<1.0	<1.0	7.4	<1.0	6.0
MW-15B	W2350	KEP-GW-015B-004	6/11/08	10:50	6/14/08	6/15/08	6.6	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	4.5
MW-15B	W2438	KEP-GW-015B-005	9/8/08	13:20	9/11/08	9/13/08	8.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.8
MW-15B	W2497	KEP-GW-015B-006	12/3/08	14:10	12/5/08	12/6/08	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.5
MW-16	W1968	KEP-GW-016-001	7/31/07	10:45	8/1/07	7/31/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16	W2039	KEP-GW-016-002	11/5/07	9:50	11/5/07	11/5/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16	W2225	KEP-GW-016-003	3/27/08	10:45	3/27/08	3/29/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16	W2357	KEP-GW-016-004	6/12/08	11:20	6/14/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16	W2444	KEP-GW-016-005	9/10/08	9:20	9/11/08	9/11/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-16	W2504	KEP-GW-016-006	12/4/08	16:12	12/6/08	12/8/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17A	W1969	KEP-GW-017A-001	7/31/07	21:40	8/2/07	8/1/07	48	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3
MW-17A	W2040	KEP-GW-017A-002	11/1/07	15:50	11/1/07	11/1/07	60	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6
MW-17A	W2226	KEP-GW-017A-003	3/26/08	16:25	3/27/08	3/28/08	47	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
MW-17A	W2349	KEP-GW-017A-004	6/10/08	19:16	6/14/08	6/15/08	43	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.3
MW-17A	W2447	KEP-GW-017A-005	9/10/08	14:15	9/12/08	9/13/08	26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.3
MW-17A	W2475	KEP-GW-017A-006	12/1/08	11:35	12/4/08	12/5/08	26	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.0
MW-17B	W1970	KEP-GW-017B-001	7/31/07	21:05	8/2/07	8/1/07	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17B	W2041	KEP-GW-017B-002	11/1/07	16:30	11/1/07	11/1/07	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3
MW-17B	W2227	KWP-GW-017B-003	3/26/08	17:30	3/27/08	3/28/08	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17B	W2348	KWP-GW-017B-004	6/10/08	19:00	6/14/08	6/15/08	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17B	W2446	KWP-GW-017B-005	9/10/08	13:30	9/12/08	9/13/08	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-17B	W2476	KWP-GW-017B-006	12/1/08	12:00	12/4/08	12/6/08	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2
MW-18A	W1971	KEP-GW-018A-001	7/31/07	16:10	8/2/07	7/31/07	31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.1
MW-18A	W2042	KEP-GW-018A-002	11/3/07	17:38	11/3/07	11/3/07	31	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.2
MW-18A	W2228	KEP-GW-018A-003	3/27/08	13:28	3/28/08	3/29/08	33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.3
MW-18A	W2341	KEP-GW-018A-004	6/10/08	11:40	6/13/08	6/13/08	32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.5
MW-18A	W2342	KEP-Duplicate 2	6/10/08		6/13/08	6/14/08	33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.5
MW-18A	W2426	KEP-GW-018A-005	9/8/08	14:52	9/11/08	9/10/08	33	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.1
MW-18A	W2477	KEP-GW-018A-006	12/1/08	16:30	12/4/08	12/5/08	27	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.0
MW-18A	W2478	KEP-Duplicate 1	12/1/08		12/4/08	12/5/08	30	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.9
MW-18B	W1972	KEP-GW-018B-001	7/31/07	15:35	8/2/07	8/1/07	10	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0
MW-18B	W2043	KEP-GW-018B-002	11/3/07	16:40	11/3/07	11/3/07	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18B	W2229	KEP-GW-018B-003	3/27/08	13:45	3/28/08	3/29/08	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18B	W2343	KEP-GW-018B-004	6/10/08	10:42	6/13/08	6/13/08	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18B	W2427	KEP-GW-018B-005	9/8/08	16:06	9/11/08	9/11/08	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-18B	W2479	KEP-GW-018B-006	12/1/08	17:05	12/4/08	12/6/08	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 Results reported in micrograms per liter (ug/L)

Table 5
 On-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	Dioxane Date Analyzed	1,1-Dichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Tetra-chloro-ethane	Toluene	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)															
7 798 5 200 5 1000 6.09															
MW-19	W1973	KEP-GW-019-001	8/3/07	9:30	8/3/07	8/3/07	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19	W2044	KEP-GW-019-002	11/7/07	11:51	11/7/07	11/7/07	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19	W2230	KEP-GW-019-003	3/25/08	17:25	3/26/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19	W2364	KEP-GW-019-004	6/13/08	11:45	6/15/08	6/16/08	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19	W2451	KEP-GW-019-005	9/11/08	11:53	9/12/08	9/14/08	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-19	W2519	KEP-GW-019-006	12/7/08	15:06	12/8/08	12/9/08	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W1974	KEP-GW-020A-001	8/2/07	16:09	8/2/07	8/2/07	20	<1.0	<1.0	<1.0	<1.0	<1.0	52	<1.0	<1.0
MW-20A	W2045	KEP-GW-020A-002	11/3/07	14:56	11/3/07	11/3/07	23	<1.0	<1.0	<1.0	<1.0	<1.0	9.7	<1.0	1.1
MW-20A	W2231	KEP-GW-020A-003	3/28/08	17:10	3/30/08	3/29/08	3.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2232	KEP-Duplicate 2	3/28/08		3/30/08	3/29/08	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2329	KEP-GW-020A-004	6/9/08	15:30	6/13/08	6/13/08	2.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2439	KEP-GW-020A-005	9/9/08	15:22	9/11/08	9/11/08	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2440	KEP-Duplicate 2	9/9/08		9/11/08	9/11/08	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2492	KEP-GW-020A-006	12/2/08	15:00	12/5/08	12/5/08	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20A	W2493	KEP-Duplicate 2	12/2/08		12/5/08	12/5/08	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20B	W1975	KEP-GW-020B-001	8/2/07	17:28	8/2/07	8/2/07	46	<1.0	<1.0	<1.0	<1.0	<1.0	5.4	<1.0	2.5
MW-20B	W2046	KEP-GW-020B-002	11/3/07	14:26	11/3/07	11/3/07	44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.1
MW-20B	W2057	KEP-Duplicate	11/3/07		11/3/07	11/3/07	44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.5
MW-20B	W2232	KEP-GW-020B-003	3/28/08	18:20	3/30/08	3/29/08	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20B	W2330	KEP-GW-020B-004	6/9/08	16:50	6/13/08	6/13/08	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20B	W2331	KEP-Duplicate 1	6/9/08		6/13/08	6/13/08	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20B	W2441	KEP-GW-020B-005	9/9/08	17:15	9/11/08	9/11/08	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-20B	W2494	KEP-GW-020B-006	12/2/08	15:45	12/5/08	12/6/08	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21A	W1976	KEP-GW-021A-001	8/1/07	19:16	8/2/07	8/2/07	29	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0
MW-21A	W2047	KEP-GW-021A-002	11/6/07	6:30	11/6/07	11/6/07	42	<1.0	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	1.5
MW-21A	W2233	KEP-GW-021A-003	3/27/08	15:30	3/28/08	3/29/08	44	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3
MW-21A	W2346	KEP-GW-021A-004	6/10/08	16:15	6/14/08	6/15/08	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21A	W2442	KEP-GW-021A-005	9/9/08	18:47	9/11/08	9/11/08	45	1.0	<1.0	<1.0	1.1	1.3	<1.0	<1.0	2.0
MW-21A	W2490	KEP-GW-021A-006	12/2/08	10:15	12/4/08	12/5/08	18	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.4
MW-21B	W1977	KEP-GW-021B-001	8/3/07	14:59	8/3/07	8/3/07	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21B	W2048	KEP-GW-021B-002	11/6/07	10:47	11/6/07	11/6/07	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21B	W2234	KEP-GW-021B-003	3/27/08	16:30	3/28/08	3/29/08	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21-B	W2347	KEP-GW-021B-004	6/10/08	16:40	6/14/08	6/15/08	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21-B	W2443	KEP-GW-021B-005	9/9/08	20:13	9/11/08	9/11/08	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21-B	W2491	KEP-GW-021B-006	12/2/08	12:45	12/5/08	12/5/08	3.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-22	W1978	KEP-GW-022-001	8/2/07	9:20	8/2/07	8/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-22	W2049	KEP-GW-022-002	11/6/07	12:52	11/6/07	11/6/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-22	W2235	KEP-GW-022-003	3/29/08	10:25	3/31/08	3/30/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-22	W2359	KEP-GW-022-004	6/12/08	14:48	6/14/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 Results reported in micrograms per liter (ug/L)

Table 5
 On-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Tetra-chloroethene	Toluene	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)															
MW-22	W2452	KEP-GW-022-005	9/11/08	14:05	9/13/08	9/14/08	<1.0	<1.0	<1.0	200	5	5	1000	0.125	6.09
MW-22	W2517	KEP-GW-022-006	12/7/08	10:45	12/8/08	12/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 Results reported in micrograms per liter (ug/L)

Table 5
 On-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,4-Dioxane Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethene	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Tetra-chloro-ethene	Toluene	Dibromo-chloro-methane	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)																	
798																	
5																	
200																	
5																	
1000																	
MW-23A	W1979	KEP-GW-023A-001	8/2/07	15:10	8/2/07	8/2/07	8/2/07	8/2/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.126	6.09
MW-23A	W2050	KEP-GW-023A-002	11/2/07	18:26	11/2/07	11/3/07	11/3/07	11/3/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23A	W2236	KEP-GW-023A-003	3/25/08	10:15	3/25/08	3/27/08	3/27/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23A	W2345	KEP-GW-023A-004	6/10/08	14:41	6/13/08	6/14/08	6/14/08	6/14/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23A	W2418	KEP-GW-023A-005	9/7/08	13:18	9/10/08	9/10/08	9/10/08	9/10/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23A	W2489	KEP-GW-023A-006	12/3/08	15:40	12/5/08	12/6/08	12/6/08	12/6/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23B	W1980	KEP-GW-023B-001	8/2/07	14:42	8/2/07	8/2/07	8/2/07	8/2/07	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6
MW-23B	W2051	KEP-GW-023B-002	11/2/07	17:59	11/2/07	11/3/07	11/3/07	11/3/07	40	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9
MW-23B	W2237	KEP-GW-023B-003	3/25/08	10:55	3/25/08	3/27/08	3/27/08	3/27/08	23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23B	W2344	KEP-GW-023B-004	6/10/08	14:05	6/14/08	6/13/08	6/13/08	6/13/08	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23B	W2419	KEP-GW-023B-005	9/7/08	14:53	9/10/08	9/10/08	9/10/08	9/10/08	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-23B	W2500	KEP-GW-023B-006	12/3/08	16:10	12/5/08	12/6/08	12/6/08	12/6/08	15	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W1982	KEP-GW-024-001	8/2/07	11:15	8/2/07	8/2/07	8/2/07	8/2/07	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W2052	KEP-GW-024-002	11/6/07	14:15	11/6/07	11/6/07	11/6/07	11/6/07	3.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W2238	KEP-GW-024-003	3/28/08	15:50	3/30/08	3/29/08	3/29/08	3/29/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W2360	KEP-GW-024-004	6/12/08	15:30	6/14/08	6/16/08	6/16/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W2453	KEP-GW-024-005	9/11/08	14:40	9/13/08	9/14/08	9/14/08	9/14/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-24	W2518	KEP-GW-024-006	12/7/08	11:26	12/8/08	12/9/08	12/9/08	12/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-25	W1983	KEP-GW-025-001	8/1/07	17:25	8/2/07	8/1/07	8/1/07	8/1/07	16	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.8
MW-25	W2053	KEP-GW-025-002	11/5/07	17:25	11/5/07	11/5/07	11/5/07	11/5/07	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2
MW-25	W2239	KEP-GW-025-003	3/28/08	11:49	3/30/08	3/29/08	3/29/08	3/29/08	1.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-25	W2362	KEP-GW-025-004	6/12/08	18:38	6/14/08	6/16/08	6/16/08	6/16/08	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-25	W2449	KEP-GW-025-005	9/10/08	19:14	9/12/08	9/14/08	9/14/08	9/14/08	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-25	W2505	KEP-GW-025-006	12/5/08	11:20	12/6/08	12/8/08	12/8/08	12/8/08	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-26	W1984	KEP-GW-026-001	8/3/07	10:20	8/3/07	8/3/07	8/3/07	8/3/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-26	W2054	KEP-GW-026-002	11/7/07	13:51	11/7/07	11/7/07	11/7/07	11/7/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<1.0	<1.0
MW-26	W2240	KEP-GW-026-003	3/25/08	15:30	3/25/08	3/27/08	3/27/08	3/27/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<1.0	<1.0
MW-26	W2363	KEP-GW-026-004	6/13/08	8:51	6/15/08	6/16/08	6/16/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-26	W2450	KEP-GW-026-005	9/11/08	10:15	9/12/08	9/14/08	9/14/08	9/14/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-26	W2507	KEP-GW-026-006	12/5/08	17:05	12/6/08	12/9/08	12/9/08	12/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W1985	KEP-GW-027-001	7/28/07	18:41	8/1/07	7/31/07	7/31/07	7/31/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W2055	KEP-GW-027-002	11/5/07	16:52	11/5/07	11/6/07	11/6/07	11/6/07	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W2239	KEP-GW-027-003	3/28/08	15:10	3/3/08	3/30/08	3/30/08	3/30/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W2361	KEP-GW-027-004	6/12/08	18:11	6/14/08	6/16/08	6/16/08	6/16/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W2448	KEP-GW-027-005	9/10/08	18:29	9/12/08	9/13/08	9/13/08	9/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	W2506	KEP-GW-027-006	12/5/08	15:00	12/6/08	12/9/08	12/9/08	12/9/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Concentrations in bold exceed their respective MDEQ Tier 1 TRG
 Results reported in micrograms per liter (ug/L)

Table 5A
 Off-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Chloro-Form	Trichloro-ethane (TCE)	Toluene	1,4-Dioxane
MDEQ Tier 1 TRG (Target Remediation Goal) (ug/L)																
MW-11A	W2217	KEP-GW-011A-003	3/24/08	16:15	4/2/08	4/9/08	94	3.7	798	5	200	8.8	0.155	5	1000	6.09
MW-11A	W2242	KEP-Duplicate1	3/24/08		4/2/08	4/8/08	97	3.8		3.0	2.4	9.1	0.98	0.62	<0.50	10
MW-11B	W1961	KEP-GW-011B-001	7/30/07	14:55	8/9/07	8/13/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-11B	W1950	KEP-Duplicate	7/30/07		8/9/07	8/13/07	31.8	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.00	<0.500
MW-11B	W2032	KEP-GW-011B-002	11/2/07	15:02	11/8/07	11/7/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-11B	W2056	Duplicate 1	11/2/07		11/8/07	11/7/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-15B	W1967	KEP-GW-015B-001	8/1/07	9:30	8/13/07	8/13/07	5.08	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	37.8	<0.500
MW-15B	W1981	KEP-Duplicate	8/1/07		8/9/07	8/13/07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-18A	W1971	KEP-GW-018A-001	7/31/07	16:10	8/13/07	8/13/07	31.7	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-18A	W2341	KEP-GW-018A-004	6/10/08	11:40	6/18/08	6/28/08	39	0.54	<0.50	<0.50	<0.50	0.85	0.38 ^J	<0.50	<0.50	3.7
MW-18A	W2342	KEP-Duplicate 2	6/10/08		6/18/08	6/28/08	39	0.51	<0.50	<0.50	<0.50	0.77	0.44 ^J	<0.50	<0.50	3.9
MW18A	W2477	KEP-GW-018A-006	12/1/08	16:30	12/12/08	12/23/08	42	0.54	<0.50	<0.50	<0.50	0.72	<0.50	<0.50	<0.50	3.8
MW18A	W2478	KEP-Duplicate 1	12/1/08		12/12/08	12/23/08	42	0.54	<0.50	<0.50	<0.50	0.73	<0.50	<0.50	<0.50	3.8
MW18B	W2479	KEP-GW-018B-006	12/1/08	17:05	12/12/08	12/23/08	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2231	KEP-GW-020A-003	3/28/08	17:10	4/11/08	4/9/08	3.6	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2243	Duplicate 2	3/28/08		4/11/08	4/9/08	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2329	KEP-GW-020A-004	6/9/08	15:30	6/18/08	6/28/08	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	0.060 ^J	<0.50	<0.50	<0.50
MW-20A	W2439	KEP-GW-020A-005	9/9/08	15:22	9/22/08	9/29/08	4.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20A	W2440	KEP-Duplicate 2	9/9/08		9/22/08	9/30/08	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW20A	W2492	KEP-GW-020A-006	12/2/08	15:00	12/12/08	12/23/08	1.1	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW20A	W2493	KEP-Duplicate 2	12/2/08		12/12/08	12/23/08	0.98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Results are reported in micrograms per liter (ug/L)

Concentrations in bold exceed their respective MDEQ Tier 1 TRG

J: indicates concentration reported between method detection limit and reporting limit

Table 5A
 Off-site Laboratory
 Summary of Off-Site Monitoring Well Sample Results for VOCs and 1,4-Dioxane
 July 2007 through December 2008
 Kuhlman Electric Corporation
 Crystal Springs, MS

Well ID	On-site Lab Sample ID	Sample ID	Date Collected	Time Collected	VOCs Date Analyzed	1,4-Dioxane Date Analyzed	1,1-Dichloroethene	1,1-Dichloroethane	1,2-Dichloroethane	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Chloroform	Trichloroethene (TCE)	Toluene	1,4-Dioxane
MDEQ Tier	TRG (Target Remediation Goal) (ug/L)						7	798	5	200	5	0.755	5	1060	0.08
MW-20B	W2046	KEP-GW-020B-002	11/3/07	14:26	11/9/07	11/7/07	46.9	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-20B	W2057	KEP-Duplicate	11/3/07		11/9/07	11/7/07	45.9	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500
MW-20B	W2232	KEP-GW-020B-003	3/28/08	18:20	4/11/08	4/9/08	19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64
MW-20B	W2230	KEP-GW-020B-004	6/9/08	16:50	6/18/08	6/28/08	15	<0.50	<0.50	<0.50	<0.50	0.050 ^J	<0.50	<0.50	0.89
MW-20B	W2231	KEP-Duplicate 1	6/9/08		6/18/08	6/28/08	15	<0.50	<0.50	<0.50	<0.50	0.070 ^J	<0.50	<0.50	0.77
MW-20B	W2441	KEP-GW-020B-005	6/9/08	17:15	9/22/08	9/22/08	5.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-20B	W2494	KEP-GW-020B-006	12/2/08	15:45	12/12/08	12/23/08	20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.89
MW-23B	W1980	KEP-GW-023B-001	8/2/07	14:42	8/9/07	8/13/07	40.1	<1.00	<1.00	<1.00	1.23	<1.00	<1.00	<1.00	<0.500
MW-23B	W2051	KEP-GW-023B-002	11/2/07	17:59	11/9/07	11/7/07	41.7	<1.00	<1.00	<1.00	1.04	<1.00	<1.00	<1.00	<0.500
MW-25	W2053	KEP-GW-025-002	11/5/07	17:25	11/9/07	11/16/07	14.6	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<0.500

Results are reported in micrograms per liter (ug/L)

Concentrations in bold exceed their respective MDEQ Tier 1 TRG

J: indicates concentration reported between method detection limit and reporting limit