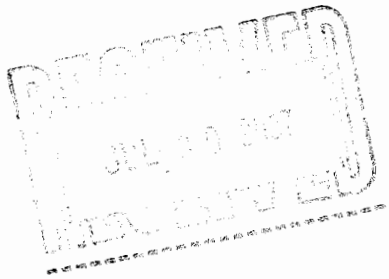
July 26, 2007



Robert Martin
Martin and Slagle
P.O. Box 1023
Black Mountain, NC 28711

Dear Mr. Martin,

Enclosed is the Technical Memorandum for VOC work recently performed at the Kuhlman Electric facility in Crystal Springs, MS. If you have any questions concerning this information, give me a call.

Sincerely,

Kari-Ann Killian

for Joseph Kubale

Enclosure

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road • Madison, WI 53718 • Phone (608) 221-8700 • FAX (608) 221-4889

Technical Memorandum

Borg Warner / Kuhlman Electric

Crystal Springs, Mississippi

TECHNICAL MEMORANDUM

July 26, 2007

To: Robert Martin
Martin and Slagle

From: Joseph Kubale
ECCS

Re: Field Analytical Methods
Volatile Organic Compounds (VOC)
Kuhlman Electric
Crystal Springs, MS

Introduction

This Technical Memorandum provides documentation of the field analytical test methods used to analyze KEP-GW water samples collected in March 2005 during the investigation at the Kuhlman Electric facility in Crystal Springs, MS. The samples were analyzed by purge and trap GC/MSD for the VOCs listed below.

Narrative

Waters
Water samples were analyzed for VOCs directly by purge and trap GC/MSD.

The following report limits were used for water samples. The reporting limit units are in ug/L.

	Purge and Trap GC/MSD
Dichlorodifluoromethane	1.0
Chloromethane	1.0
Vinyl chloride	1.0
Bromomethane	1.0
Chloroethane	1.0
Trichlorofluoromethane	1.0
1,1-Dichloroethene	1.0
Methylene chloride	1.0

trans-1,2-Dichloroethene	1.0
1,1-Dichloroethane	1.0
cis-1,2-Dichloroethene	1.0
2,2-Dichloropropane	1.0
Bromochloromethane	1.0
Chloroform	1.0
1,1,1-Trichloroethane	1.0
1,1-Dichloropropene	1.0
Carbon tetrachloride	1.0
Benzene	1.0
1,2-Dichloroethane	1.0
Trichloroethene	1.0
1,2-Dichloropropane	1.0
Dibromomethane	1.0
Bromodichloromethane	1.0
cis-1,3-Dichloropropene	1.0
Toluene	1.0
trans-1,3-Dichloropropene	1.0
1,1,2-Trichloroethane	1.0
Tetrachloroethene	1.0
1,3-Dichloropropane	2.0
Dibromochloromethane	1.0
1,2-Dibromoethane	1.0
Chlorobenzene	1.0
1,1,1,2-Tetrachloroethane	1.0
Ethyl benzene	1.0
Xylenes, total	2.0
Styrene	1.0
Bromoform	2.0
Isopropylbenzene	1.0
1,1,2,2-Tetrachloroethane	2.0
Bromobenzene	1.0
1,2,3-Trichloropropane	2.0
n-Propylbenzene	1.0
2-Chlorotoluene	1.0
1,3,5-Trimethylbenzene	1.0
4-Chlorotoluene	1.0
tert-Butylbenzene	1.0
1,2,4-Trimethylbenzene	1.0
sec-Butylbenzene	1.0
1,3-Dichlorobenzene	1.0
p-Isopropyltoluene	1.0
1,4-Dichlorobenzene	1.0
n-Butylbenzene	1.0
1,2-Dichlorobenzene	1.0
1,2-Dibromo-3-chloropropane	2.0
1,3,5-Trichlorobenzene	1.0
1,2,4-Trichlorobenzene	1.0
Hexachlorobutadiene	1.0
Naphthalene	3.0
1,2,3-Trichlorobenzene	1.0

A summary of test results is provided in Table 1. A summary of method blanks and matrix spike/matrix spike duplicate data is provided in Table 2.

In addition copies of the chain of custody sheets can be found in appendix A.

A) Chain of custody sheets for samples
B) FEDEX shipping label for Paradigm Labs
C) Chain of custody sheets for samples sent to Paradigm Labs

VOC Method Summary

Water Samples

Water samples were provided by the client to the field lab in 40ml VOC vials. A 10ml aliquot of the sample was withdrawn from the vial with a 10ml gas-tight syringe. 10 ul of a 25ug/mL surrogate and internal standard solution was added to the sample in the 10 mL syringe. The resulting concentration of the surrogate and internal standard was 25ug/L. The internal standards for the MSD were pentafluorobenzene, 1,4-Difluorobenzene, chlorobenzene-D5 and 1,4-Dichlorobenzene-D4. The surrogate standards were dibromofluoromethane, toluene-D8 and bromofluorobenzene. The sample was then immediately loaded onto a Tekmar ALS 2016 autosampler with a Tekmar LSC 2000 purge and trap concentrator for GC\MSD analysis.

GC/MSD Procedure:

Identification of target compounds was done by matching retention times and mass spectra of peaks found in samples to those found in a VOC calibration standard using the internal standards as time reference peaks. Quantitation was performed by the internal standard technique using a seven point standard curve generated from 5, 10, 20, 50, 100, 250, and 500 ng standards. These levels equate to 0.5, 1.0, 2.0, 5.0, 10, 25 and 50 ug/L for water samples.

A Hewlett-Packard 5890 gas chromatograph with a 30m x 0.32mm RTX-624 micro-capillary column interfaced to a Hewlett-Packard 5972 MSD was used. The data system included a Hewlett-Packard Enviroquant chromatography workstation for data handling.

Quality control consisted of the following items:

- Initial calibration with % relative standard deviation less than 15% of individual response factors obtained from analysis of calibration standards
- Continuing Calibration Verification standards analyzed at a frequency of every ten samples
- Surrogate standard additions to samples and standards
- Blank samples analyzed at a minimum of one per day
- Matrix spike and Matrix Spike Duplicate samples analyzed for every twenty samples
- Information documented in Field Logbook 85.

Table 1

Sample Results – March

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-001-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1083
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**18**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-001-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1083
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	103%
Toluene-D8	99.1%
4-Bromofluorobenzene	96.4%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-003-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1084
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**43**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0		**1.1**
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-003-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1084
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	101%
Toluene-D8	99.7%
4-Bromofluorobenzene	94.3%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-008-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1085
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**5.0**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-008-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1085
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	102%
Toluene-D8	100%
4-Bromofluorobenzene	97.5%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-007-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1086
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**1.4**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-007-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1086
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	95.3%
Toluene-D8	98.4%
4-Bromofluorobenzene	98.2%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-006-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1087
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**20**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-006-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1087
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	100%
Toluene-D8	99.1%
4-Bromofluorobenzene	99.8%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-005-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1088
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0	<	1.0
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-005-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1088
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	101%
Toluene-D8	97.3%
4-Bromofluorobenzene	91.6%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-004-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1089
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**18**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-004-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1089
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	104%
Toluene-D8	103%
4-Bromofluorobenzene	90.9%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-002-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1090
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**64**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0		**1.8**
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-002-003	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1090
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	109%
Toluene-D8	102%
4-Bromofluorobenzene	95.7%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-Duplicate	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1091
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**42**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0		**1.1**
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-Duplicate	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1091
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	100%
Toluene-D8	98.6%
4-Bromofluorobenzene	98.8%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-FB-004	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1092
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0	<	1.0
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-FB-004	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1092
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	103%
Toluene-D8	99.5%
4-Bromofluorobenzene	96.6%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	Equip Rinsate	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1093
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0	<	1.0
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	Equip Rinsate	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1093
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	103%
Toluene-D8	100%
4-Bromofluorobenzene	96.2%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	Trip Blank	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1094
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0	<	1.0
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/03/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	Trip Blank	Dilution Factor:	1
Date Collected:	03/02/05	Lab Sample Number:	W1094
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	101%
Toluene-D8	99.2%
4-Bromofluorobenzene	95.4%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/12/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-009-001	Dilution Factor:	1
Date Collected:	03/12/05	Lab Sample Number:	W1140
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**13**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/12/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-GW-009-001	Dilution Factor:	1
Date Collected:	03/12/05	Lab Sample Number:	W1140
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	92.0%
Toluene-D8	102%
4-Bromofluorobenzene	98.4%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/12/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-Duplicate	Dilution Factor:	1
Date Collected:	03/12/05	Lab Sample Number:	W1142
Sample Type:	Water		

	Reporting Limit		Sample Result
Dichlorodifluoromethane	1.0	<	1.0
Chloromethane	1.0	<	1.0
Vinyl Chloride	1.0	<	1.0
Bromomethane	1.0	<	1.0
Chloroethane	1.0	<	1.0
Trichlorofluoromethane	1.0	<	1.0
1,1-Dichloroethene	1.0		**14**
Methylene Chloride	1.0	<	1.0
trans-1,2-Dichloroethene	1.0	<	1.0
1,1-Dichloroethane	1.0	<	1.0
cis-1,2-Dichloroethene	1.0	<	1.0
2,2-Dichloropropane	1.0	<	1.0
Bromochloromethane	1.0	<	1.0
Chloroform	1.0	<	1.0
1,1,1-Trichloroethane	1.0	<	1.0
1,1-Dichloropropene	1.0	<	1.0
Carbon Tetrachloride	1.0	<	1.0
Benzene	1.0	<	1.0
1,2-Dichloroethane	1.0	<	1.0
Trichloroethene	1.0	<	1.0
1,2-Dichloropropane	1.0	<	1.0
Dibromomethane	1.0	<	1.0
Bromodichloromethane	1.0	<	1.0
cis-1,3-Dichloropropene	2.0	<	2.0
Toluene	1.0	<	1.0
trans-1,3-Dichloropropene	1.0	<	1.0
1,1,2-Trichloroethane	1.0	<	1.0
Tetrachloroethene	1.0	<	1.0
1,3-Dichloropropane	1.0	<	1.0
Dibromochloromethane	1.0	<	1.0
1,2-Dibromoethane	1.0	<	1.0
Chlorobenzene	1.0	<	1.0
1,1,1,2-Tetrachloroethane	1.0	<	1.0
Ethyl Benzene	1.0	<	1.0
Xylenes, Total	2.0	<	2.0

Table 1
Summary of Test Results

Project Name:	Kuhlman Electric	Date Analyzed:	03/12/05
Project Location:	Crystal Springs, MS	Concentration:	ug/L
Sample ID:	KEP-Duplicate	Dilution Factor:	1
Date Collected:	03/12/05	Lab Sample Number:	W1142
Sample Type:	Water		

	Reporting Limit		Sample Result
Styrene	1.0	<	1.0
Bromoform	2.0	<	2.0
Isopropylbenzene	1.0	<	1.0
1,1,2,2-Tetrachloroethane	2.0	<	2.0
Bromobenzene	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0
1,2-Dichlorobenzene	1.0	<	1.0
1,2-Dibromo-3-Chloropropane	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0
Naphthalene	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0

Surrogates:	
Dibromofluorobenzene	94.4%
Toluene-D8	103%
4-Bromofluorobenzene	101%

ECCS SOP: Volatile Organic Compounds by Purge and Trap- GC/MS

Table 2

QC Results – March

Table 2
QC Results

Lab # associated with qc samples: W1083 through W1094

	Matrix Spike W1090		Matrix Spike Duplicate W1090			Blank
Date Analyzed:	3/4/05		3/4/05			3/3/05
Compound	% Rec		% Rec		% RPD	ug/L
Dichlorodifluoromethane	102%		128%		-23%	< 1.0
Chloromethane	115%		138%		-18%	< 1.0
Vinyl Chloride	104%		128%		-21%	< 1.0
Bromomethane	112%		129%		-14%	< 1.0
Chloroethane	113%		128%		-12%	< 1.0
Trichlorofluoromethane	105%		120%		-13%	< 1.0
1,1-Dichloroethene	84.1%		83.5%		1%	< 1.0
Methylene Chloride	108%		123%		-13%	< 1.0
trans-1,2-Dichloroethene	93.4%		119%		-24%	< 1.0
1,1-Dichloroethane	102%		114%		-11%	< 1.0
cis-1,2-Dichloroethene	96.0%		115%		-18%	< 1.0
2,2-Dichloropropane	106%		121%		-13%	< 1.0
Bromochloromethane	91.3%		107%		-16%	< 1.0
Chloroform	109%		123%		-12%	< 1.0
1,1,1-Trichloroethane	123%		142%		-14%	< 1.0
1,1-Dichloropropene	94.2%		115%		-20%	< 1.0
Carbon Tetrachloride	85.8%		102%		-17%	< 1.0
Benzene	98.5%		117%		-17%	< 1.0
1,2-Dichloroethane	106%		113%		-6%	< 1.0
Trichloroethene	89.1%		112%		-23%	< 1.0
1,2-Dichloropropane	99.1%		112%		-12%	< 1.0
Dibromomethane	93.2%		105%		-12%	< 1.0
Bromodichloromethane	81.4%		93.3%		-14%	< 1.0
cis-1,3-Dichloropropene	79.6%		101%		-24%	< 2.0
Toluene	91.2%		107%		-16%	< 1.0
trans-1,3-Dichloropropene	80.5%		97.6%		-19%	< 1.0
1,1,2-Trichloroethane	94.0%		106%		-12%	< 1.0
Tetrachloroethene	88.4%		106%		-18%	< 1.0
1,3-Dichloropropane	95.2%		105%		-10%	< 1.0
Dibromochloromethane	74.0%		88.5%		-18%	< 1.0

Table 2
QC Results

1,2-Dibromoethane	87.0%		100%		-14%	< 1.0
Chlorobenzene	89.9%		111%		-21%	< 1.0
1,1,1,2-Tetrachloroethane	76.8%		101%		-27%	< 1.0
Ethyl Benzene	94.8%		115%		-19%	< 1.0
Xylenes, Total	89.2%		108%		-19%	< 2.0
Styrene	68.8%		109%		-45%	< 1.0
Bromoform	71.8%		86.6%		-19%	< 2.0
Isopropylbenzene	97.5%		84.4%		14%	< 1.0
1,1,2,2-Tetrachloroethane	93.7%		114%		-20%	< 2.0
Bromobenzene	86.1%		105%		-20%	< 1.0
1,2,3-Trichloropropane	95.3%		104%		-9%	< 2.0
n-Propylbenzene	103%		112%		-8%	< 1.0
2-Chlorotoluene	98.2%		115%		-16%	< 1.0
1,3,5-Trimethylbenzene	95.3%		117%		-20%	< 1.0
4-Chlorotoluene	107%		107%		0%	< 1.0
tert-Butylbenzene	104%		128%		-21%	< 1.0
1,2,4-Trimethylbenzene	92.0%		109%		-17%	< 1.0
sec-Butylbenzene	109%		105%		4%	< 1.0
1,3-Dichlorobenzene	89.4%		112%		-22%	< 1.0
p-Isopropyltoluene	102%		109%		-7%	< 1.0
1,4-Dichlorobenzene	90.9%		101%		-11%	< 1.0
n-Butylbenzene	114%		106%		7%	< 1.0
1,2-Dichlorobenzene	91.4%		116%		-24%	< 1.0
1,2-Dibromo-3-Chloropropane	85.6%		101%		-17%	< 2.0
1,3,5-Trichlorobenzene	95.1%		93.8%		1%	< 1.0
1,2,4-Trichlorobenzene	89.6%		96.8%		-8%	< 1.0
Hexachlorobutadiene	91.5%		89.5%		2%	< 1.0
Naphthalene	82.6%		94.9%		-14%	< 3.0
1,2,3-Trichlorobenzene	88.8%		82.6%		7%	< 1.0

Table 2
QC Results

Lab # associated with qc samples: W1140 and W1142

	Matrix Spike W1146	Matrix Spike Duplicate W1146	Blank
Date Analyzed:	3/12/05	3/12/05	3/12/05

Compound	% Rec		% Rec		% RPD	ug/L
Dichlorodifluoromethane	86.0%		94.6%		-10%	< 1.0
Chloromethane	90.4%		95.4%		-5%	< 1.0
Vinyl Chloride	90.8%		96.6%		-6%	< 1.0
Bromomethane	86.4%		98.4%		-13%	< 1.0
Chloroethane	89.2%		100%		-12%	< 1.0
Trichlorofluoromethane	97.6%		104%		-6%	< 1.0
1,1-Dichloroethene	96.0%		105%		-9%	< 1.0
Methylene Chloride	96.0%		102%		-6%	< 1.0
trans-1,2-Dichloroethene	97.8%		104%		-6%	< 1.0
1,1-Dichloroethane	98.6%		103%		-5%	< 1.0
cis-1,2-Dichloroethene	93.0%		102%		-10%	< 1.0
2,2-Dichloropropane	100%		105%		-5%	< 1.0
Bromochloromethane	95.2%		97.8%		-3%	< 1.0
Chloroform	98.4%		105%		-6%	< 1.0
1,1,1-Trichloroethane	101%		107%		-6%	< 1.0
1,1-Dichloropropene	100%		107%		-7%	< 1.0
Carbon Tetrachloride	99.4%		111%		-11%	< 1.0
Benzene	99.0%		104%		-5%	< 1.0
1,2-Dichloroethane	106%		113%		-7%	< 1.0
Trichloroethene	98.8%		108%		-9%	< 1.0
1,2-Dichloropropane	98.4%		108%		-10%	< 1.0
Dibromomethane	96.6%		106%		-9%	< 1.0
Bromodichloromethane	94.6%		77.2%		20%	< 1.0
cis-1,3-Dichloropropene	101%		109%		-7%	< 2.0
Toluene	104%		101%		2%	< 1.0
trans-1,3-Dichloropropene	102%		112%		-9%	< 1.0
1,1,2-Trichloroethane	103%		108%		-5%	< 1.0
Tetrachloroethene	104%		116%		-10%	< 1.0
1,3-Dichloropropane	107%		114%		-7%	< 1.0
Dibromochloromethane	98.0%		113%		-14%	< 1.0

Table 2
QC Results

1,2-Dibromoethane	100%		110%		-9%	< 1.0
Chlorobenzene	99.8%		108%		-8%	< 1.0
1,1,1,2-Tetrachloroethane	98.4%		110%		-11%	< 1.0
Ethyl Benzene	96.6%		108%		-11%	< 1.0
Xylenes, Total	97.3%		108%		-10%	< 2.0
Styrene	95.0%		108%		-13%	< 1.0
Bromoform	93.0%		107%		-14%	< 2.0
Isopropylbenzene	94.2%		111%		-17%	< 1.0
1,1,2,2-Tetrachloroethane	88.6%		110%		-22%	< 2.0
Bromobenzene	101%		111%		-10%	< 1.0
1,2,3-Trichloropropane	103%		113%		-9%	< 2.0
n-Propylbenzene	95.0%		114%		-18%	< 1.0
2-Chlorotoluene	97.8%		111%		-12%	< 1.0
1,3,5-Trimethylbenzene	94.8%		112%		-17%	< 1.0
4-Chlorotoluene	94.0%		109%		-15%	< 1.0
tert-Butylbenzene	96.6%		116%		-18%	< 1.0
1,2,4-Trimethylbenzene	94.8%		112%		-17%	< 1.0
sec-Butylbenzene	94.2%		119%		-23%	< 1.0
1,3-Dichlorobenzene	98.8%		109%		-10%	< 1.0
p-Isopropyltoluene	93.4%		108%		-15%	< 1.0
1,4-Dichlorobenzene	96.0%		108%		-11%	< 1.0
n-Butylbenzene	96.8%		110%		-13%	< 1.0
1,2-Dichlorobenzene	95.6%		108%		-12%	< 1.0
1,2-Dibromo-3-Chloropropane	86.4%		110%		-24%	< 2.0
1,3,5-Trichlorobenzene	97.6%		113%		-15%	< 1.0
1,2,4-Trichlorobenzene	96.8%		115%		-17%	< 1.0
Hexachlorobutadiene	101%		119%		-17%	< 1.0
Naphthalene	97.8%		111%		-13%	< 3.0
1,2,3-Trichlorobenzene	100%		116%		-15%	< 1.0

Appendix A

Chain of Custody Sheets for Samples

Environmental Chemistry Consulting Services, Inc.

2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

No. 008865 *

Page 1 of 1

Project Number:	Mail Report To:
Project Name: KUHLMAN ELECTRIC	Company: MARTIN & SLAGLE
Project Location: CRYSTAL SPRINGS	Address:
Sampled By (Print): Robert Martin	

Turn Around (circle one) Normal Rush
Report Due:
Invoice To:
Company:
Address:
P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
KEP-GW-001-003	3/2/05	1104	W	4	A/B	8082CB3 / 8260B	see attached list	W1083
KEP-GW-003-003		1306	W	4				W1084
KEP-GW-008-003		1424	W	4				W1085
KEP-GW-007-003		1457	W	4				W1086
KEP-GW-006-003		1514	W	4				W1087
KEP-GW-005-003		1528	W	4				W1088
KEP-GW-004-003		1603	W	4				W1089
KEP-GW-002-003		1617	W	4				W1090
DUPLICATE		—	W	4				W1091
KEP-FB-~~003~~004		1674	W	2				W1092
EQUIP RINSATE		1637	W	2				W1093
TRIP BLANK		—	W	1	B	8260B		W1094

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Robert Martin	Date/Time: 3/2/05 1737	Received By:	Date/Time: 03/02/05 1740
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s
Shipped Via:

Receipt Temp:
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Environmental Chemistry Consulting Services, Inc.
2525 Advance Road Madison, WI 53718
Phone 608-221-8700 FAX 608-221-4889

CHAIN OF CUSTODY

3/12/05

No. 008873 *

Page 1 of 1

Project Number:	Mail Report To:	Turn Around (circle one) Normal Rush
Project Name: Kuhlman Electric	Company: Martin & Slagle	Report Due:
Project Location: Crystal Springs	Address:	Invoice To:
Sampled By (Print): Robert Martin		Company:
		Address:
		P.O. No.: Quote No.:

Sample Description	Collection Date	Collection Time	Matrix	Total Bottles	Preserv*	Analysis Requested	Depth Comments	Laboratory Number
KEP-WP-005-006	3/12/05	0942	W	4	A/B	8082 CBs / 8260B	95'	W1138
KEP-WP-005-007		1047	W	4	A/B	8082 CBs / 8260B	105'	W1139
KEP-GW-009-001		1119	W	9	A/B	8082 CBs / 8260B	—	W1140
EQUIP RINSATE		1151	W	3	A/B	8082 CBs / 8260B	—	W1141
DUPLICATE		—	W	9	A/B	8082 CBs / 8260B	—	W1142
KEP-WP-006-001		1542	W	4	A/B	8082 CBs / 8260B	65'	W1143
KEP-WP-006-002		1618	W	4	A/B	8082 CBs / 8260B	70'	W1144
KEP-WP-006-003		1657	W	4	A/B	8082 CBs / 8260B	75'	W1145
KEP-WP-006-004		1733	W	4	A/B	8082 CBs / 8260B	80'	W1146

*Preservation Code
A=None B=HCL C=H2SO4
D=HNO3 E=EnCore F=Methanol
G=NaOH O=Other(Indicate)

Relinquished By: Robert Martin	Date/Time: 3/12/05 1754	Received By:	Date/Time: 3/12/05 1754
Relinquished By:	Date/Time:	Received By:	Date/Time:

Custody Seal: Present/Absent Intact/Not Intact Seal #'s

Shipped Via:

Receipt Temp:
Temp Blank Y N

WHITE - REPORT COPY YELLOW - LABORATORY COPY PINK - SAMPLER/SUBMITTER

Appendix B

FEDEX shipping label for Paradigm Labs

FedEx Express **US Airbill** FedEx Tracking Number **8469 0347 2420**

0215 **Sender's Copy**

Please print and press hard.

Date 3/3/05 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 856-2927

Company Peel Consulting

Address 140 Chapel Lane

Dept./Floor/Suite/Room

City Madison State MS ZIP 39110

Your Internal Billing Reference (24 characters will appear on invoice.) MARTIN + SLAGLE OPTIONAL

Recipient's Name SAMPLE CUSTODIAN Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Recipient's Address 5500 BUSINESS DR

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Request a package be held at a specific FedEx location, print FedEx address here.

City WILMINGTON State NC ZIP 28405-8446

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com or call 1.800.GoFedEx 1.800.463.3339.

0282993908

4a Express Package Service — *Packages up to 150 lbs.* (*To most locations)

- [X] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* (**To most locations)

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation: _____

5 Packaging (* Declared value limit $500)

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location — NOT Available for FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. or Credit Card No. 1811-4189-1 Exp. Date

Total Packages | Total Weight | Total Declared Value† $ .00 | FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

466

SRF • Rev. Date 11/03 • Part #158279 • ©1994–2003 FedEx • PRINTED IN U.S.A.

FedEx Express **US Airbill** FedEx Tracking Number **8469 0347 2523**

0215 **Sender's Copy**

Please print and press hard.

Date 3/15/05 Sender's FedEx Account Number

Sender's Name Chuck Peel Phone (601) 856-2792

Company Peel Consulting

Address 140 Chapel Lane

Dept./Floor/Suite/Room

City Madison State MS ZIP 39110

Your Internal Billing Reference (24 characters will appear on invoice.) MARTIN + SLAGLE OPTIONAL

Recipient's Name SAMPLE CUSTODIAN Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Recipient's Address 5500 BUSINESS DR

Cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

Request a package be held at a specific FedEx location, print FedEx address here.

City WILMINGTON State NC ZIP 28405-8446

Try online shipping at fedex.com

By using this Airbill you agree to the service conditions on the back of this Airbill and in our current Service Guide, including terms that limit our liability.

Questions? Visit our Web site at fedex.com

0282993908

4a Express Package Service — *Packages up to 150 lbs.* (*To most locations)

- [X] FedEx Priority Overnight — Next business morning*
- [ ] FedEx Standard Overnight — Next business afternoon*
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations*
- [ ] FedEx 2Day — Second business day*
- [ ] FedEx Express Saver — Third business day*

FedEx Envelope rate not available. Minimum charge: One-pound rate

4b Express Freight Service — *Packages over 150 lbs.* (**To most locations)

- [ ] FedEx 1Day Freight* — Next business day**
- [ ] FedEx 2Day Freight — Second business day**
- [ ] FedEx 3Day Freight — Third business day**

* Call for Confirmation: _____

5 Packaging (* Declared value limit $500)

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling — Include FedEx address in Section 3.

- [ ] **SATURDAY Delivery** — Available ONLY for FedEx Priority Overnight, FedEx 2Day, FedEx 1Day Freight, and FedEx 2Day Freight to select ZIP codes
- [ ] **HOLD Weekday** at FedEx Location — NOT Available for FedEx First Overnight
- [ ] **HOLD Saturday** at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration
- [ ] Yes — Shipper's Declaration not required
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

FedEx Acct. No. or Credit Card No. 1811-4189-1 Exp. Date

Total Packages | Total Weight | Total Declared Value† $ .00 | FedEx Use Only

†Our liability is limited to $100 unless you declare a higher value. See back for details.

8 Sign to Authorize Delivery Without a Signature

By signing you authorize us to deliver this shipment without obtaining a signature and agree to indemnify and hold us harmless from any resulting claims.

466

Appendix C

Chain of Custody Sheets for samples sent to Paradigm Labs

PARADIGM ..ALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 4..348

Page 1 of 1

Client: MARTIN + SLAGLE | Project ID: KUHLMAN ELECTRIC | Date: 3/3/05 | Report To: SAME

Address: _____ | Contact: ROBERT MARTIN | Turnaround: STD

Address: BLACK MOUNTAIN NC | Phone: _____ | Job Number: _____

Quote #: _____ | Fax: _____ | P.O. Number: _____ | Invoice To: SAME

Sample ID	Date	Time	Matrix	Preservatives: HCl	Preservatives: NONE	Preservatives	Preservatives	Analyses: P260B	Analyses: P270C	Analyses: F121	Analyses	Analyses	Analyses	Analyses	Comments: Please specify any special reporting requirements
															MOBIL LAB ID
KEP-GW-003-003	3/2/05	1306	W	X				X						3-VOA Vials	See Attached list W1084
KEP-GW-003-003	3/2/05	1306	W		X				X	X				2-1L Amber	W1084
KEP-GW-002003	3/2/05		W	X				X						3-VOA Vials	W1090
KEP-GW-002-003	3/2/05		W		X				X	X				4-1L Amber	W1090
DUPLICATE	3/2/05	—	W	X				X						3-VOA Vials	W1091
DUPLICATE	3/2/05	—	W		X				X	X				2-1L Amber	W1091
TRIP BLANK		—	W	X				X						3-VOA vial	W1099

Relinquished By	Date	Time	Received By	Date	Time	Temperature	State Certification Requested
Robert Martin	3/3/05	8:11					NC ____ SC ____ Other ____
							SEE REVERSE FOR TERMS AND CONDITIONS

CLIENT COPY

Paradigm:

	TRG (ug/L)
sec-Butylbenzene	60
tert-Butylbenzene	60
Chlorobenzene	100
1,3-Dichlorobenzene	14.4
1,4-Dichlorobenzene	75
1,1-Dichloroethane	798
1,1-Dichloroethene	7
trans-1,3-Dichloropropene	n/a
Ethylbenzene	700
Isopropylbenzene	658
n-Propylbenzene	60.8
1,1,1-Trichloroethane	200
1,2,3-Trichlorobenzene	n/a
1,2,4-Trichlorobenzene	70
1,3,5-Trichlorobenzene	n/a
1,2,4-Trimethylbenzene	12.3
1,3,5-Trimethylbenzene	12.3
m,p,o-Xylene	12000
Pentachlorobenzene	4.87
1,2,4,5-Tetrachlorobenzene	1.83
1,2,3,4-Tetrachlorobenzene	n/a

PARADIGM ANALYTICAL LABORATORIES, INC.
5500 Business Drive, Wilmington, NC 28405
Phone: (910)-350-1903 FAX: (910)-350-1557

Chain-of Custody Record & Analytical Request

COC# 44650

Page 1 **of** 1

Client: MARTIN + SLAGLE **Project ID:** KIRKMAN ELECTRIC **Date:** 3/15/05 **Report To:** SAME
Address: **Contact:** ROBERT MARTIN **Turnaround:** STD
Address: BLACK MOUNTAIN NC **Phone:** **Job Number:**
Quote #: **Fax:** **P.O. Number:** **Invoice To:** SAME

Sample ID	Date	Time	Matrix	Preservatives: HCl	Preservatives: None	Preservatives	Preservatives	Analyses: 8260B	Analyses: 8270C	Analyses: 8121	Analyses	Comments: Please specify any special reporting requirements (See attached list)	Mobile Lab #
KEP-WP-003-006	3/10/05	0958	W	X				X			3 Vol vial		W1122
KEP-WP-003-006	3/10/05	0958	W		X				X	X	1-liter		W1122
KEP-GW-009-001	3/12/05	1119	W	X				X			3 Vol vials		W1140
KEP-GW-009-001	3/12/05	1119	W		X				X	X	2-liters		W1140
DUPLICATE	3/12/05	—	W	X				X			3 Vol vials		W1142
DUPLICATE	3/12/05	—	W		X				X	X	2-liters		W1142
KEP-WP-007-003	3/15/05	1023	W	X				X			3 Vol vials		W1157
KEP-WP-007-003	3/15/05	1023	W		X				X	X	1-liter		W1157
TRIP BLANK	—	—	W	X				X			1-Vol vial		

Relinquished By	Date	Time	Received By	Date	Time	Temperature
[signature]	3/15/05	1400				

State Certification Requested

NC ____ SC ____ Other ____

SEE REVERSE FOR TERMS AND CONDITIONS

CLIENT COPY

Paradigm:

	TRG (ug/L)
sec-Butylbenzene	60
tert-Butylbenzene	60
Chlorobenzene	100
1,3-Dichlorobenzene	14.4
1,4-Dichlorobenzene	75
1,1-Dichloroethane	798
1,1-Dichloroethene	7
trans-1,3-Dichloropropene	n/a
Ethylbenzene	700
Isopropylbenzene	658
n-Propylbenzene	60.8
1,1,1-Trichloroethane	200
1,2,3-Trichlorobenzene	n/a
1,2,4-Trichlorobenzene	70
1,3,5-Trichlorobenzene	n/a
1,2,4-Trimethylbenzene	12.3
1,3,5-Trimethylbenzene	12.3
m,p,o-Xylene	12000
Pentachlorobenzene	4.87
1,2,4,5-Tetrachlorobenzene	1.83
1,2,3,4-Tetrachlorobenzene	n/a