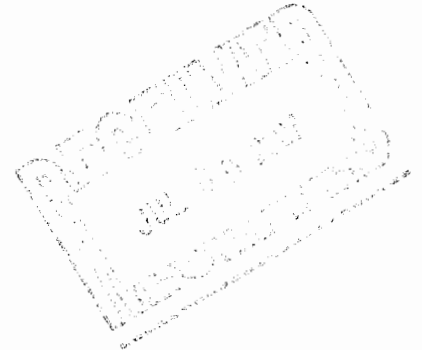


June 1, 2007

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 Corporation (KEC) facility in Crystal Springs, MS. If you have any questions concerning this information, give me a call.

Sincerely,

Kari Ann Hill
for Joseph Kubale

Enclosure

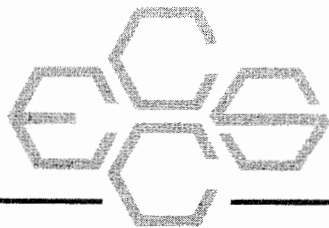
Environmental Chemistry Consulting Services, Inc.

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

Technical Memorandum

Kuhlman Electric Corporation (KEC)

Crystal Springs, Mississippi



TECHNICAL MEMORANDUM

June 1, 2007

To: Robert Martin
Martin and Slagle

From: Joseph Kubale *JK*
ECCS *for*

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

Introduction

This Technical Memorandum provides documentation of the field analytical test methods used to analyze well water samples collected September 21, 2006 near the Kuhlman Electric Corporation (KEC) 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

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Purge and Trap GC/MSD

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 SGS Environmental Services
- C) Chain of custody sheets for samples sent to SGS Environmental Services

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 Luer-Lok™ syringe. 10 µL of a 25µg/mL surrogate and internal standard solution was added to the sample in the 10 mL syringe. 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 µg/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
- 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 150.

Table 1

Sample Results – September'06

Kuhlman Electric - Crystal Springs

Mississippi - Volatiles Detected in Water

VOLATILES	W1696		W1710		W1711		W1712		W1714		W1715		W1716		W1717		W1718		
	CSW	FB	CSW	WA1	CSW	WA2	CSW	WA3	CSW	WA8	CSW	Dup	CSW	TP	CSW	Dup	CSW	Trip	
	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06	21-Sep-06
Depth	10:55	10:30	10:50	8:20	9:10	8:20	8:20	8:20	9:10	9:10	11:30	11:30	11:30	11:30	11:30	11:30	11:30	11:30	11:30
Date Collected	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06	22-Sep-06
Date Analyzed	10:55	10:30	10:50	8:20	9:10	8:20	8:20	8:20	9:10	9:10	11:30	11:30	11:30	11:30	11:30	11:30	11:30	11:30	11:30
Reporting Limit	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
ug/L	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Xylenes, Total	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Styrene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Bromoform	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Isopropylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,1,2,2-Tetrachloroethane	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Bromobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2,3-Trichloropropane	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
n-Propylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
2-Chlorotoluene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,3,5-Trimethylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
4-Chlorotoluene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
tert-Butylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2,4-Trimethylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
sec-Butylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,3-Dichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
p-Isopropyltoluene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,4-Dichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
n-Butylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2-Dichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2-Dibromo-3-Chloropropane	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,3,5-Trichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2,4-Trichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Hexachlorobutadiene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Naphthalene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
1,2,3-Trichlorobenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<	<
Surrogates:																			
Dibromofluorobenzene	98.4	102	103	102	99.3	103	102	102	75.5	78.1	101	101	113						
Toluene-D8	101	100	101	100	101	101	100	100	100	100	101	101	101						
4-Bromofluorobenzene	98.7	97.8	98.9	98.2	98.6	98.9	98.2	98.2	100	99.0	99.8	99.8	96.1						

Table 2

QC Results – September'06

TABLE 2
QC Report

Lab # associated with qc samples: W1696 and
W1710 through W1712
Matrix W1714 through W1718

Matrix Spike Duplicate Blank
Spike Duplicate Blank
W1757 W1757

Date Analyzed: 12/13/06 12/13/06 12/13/06

Compound	% Rec	% Rec	% RPD	ug/L
Dichlorodifluoromethane	89.6%	89.6%	0.0%	< 1.0
Chloromethane	96.4%	94.6%	1.9%	< 1.0
Vinyl Chloride	94.8%	97.0%	2.3%	< 1.0
Bromomethane	92.4%	94.0%	1.7%	< 1.0
Chloroethane	99.4%	102%	3.0%	< 1.0
Trichlorofluoromethane	95.6%	98.4%	2.9%	< 1.0
1,1-Dichloroethene	98.8%	98.0%	0.8%	< 1.0
Methylene Chloride	99.4%	104%	4.5%	< 1.0
trans-1,2-Dichloroethene	102%	102%	0.2%	< 1.0
1,1-Dichloroethane	99.4%	104%	4.9%	< 1.0
cis-1,2-Dichloroethene	55.6%	56.0%	0.7%	< 1.0
2,2-Dichloropropane	103%	105%	1.7%	< 1.0
Bromochloromethane	100%	105%	4.9%	< 1.0
Chloroform	104%	109%	4.9%	< 1.0
1,1,1-Trichloroethane	100%	101%	0.8%	< 1.0
1,1-Dichloropropene	102%	101%	0.4%	< 1.0
Carbon Tetrachloride	99.4%	99.4%	0.0%	< 1.0
Benzene	101%	104%	3.5%	< 1.0
1,2-Dichloroethane	99.2%	108%	8.1%	< 1.0
Trichloroethene	96.4%	98.4%	2.1%	< 1.0
1,2-Dichloropropane	101%	104%	3.5%	< 1.0
Dibromomethane	101%	107%	5.2%	< 1.0
Bromodichloromethane	101%	103%	2.0%	< 1.0
cis-1,3-Dichloropropene	83.0%	81.0%	2.4%	< 2.0
Toluene	100%	101%	1.2%	< 1.0
trans-1,3-Dichloropropene	101%	104%	2.7%	< 1.0
1,1,2-Trichloroethane	78.2%	82.2%	5.0%	< 1.0
Tetrachloroethene	105%	103%	2.3%	< 1.0
1,3-Dichloropropane	102%	108%	5.5%	< 1.0
1-bromochloromethane	98.8%	103%	3.8%	< 1.0
1,2-Dibromoethane	98.2%	104%	5.5%	< 1.0
Chlorobenzene	100%	102%	2.2%	< 1.0

TABLE 2
QC Report

Lab # associated with qc samples: W1696 and
W1710 through W1712
Matrix W1714 through W1718
Spike Duplicate Blank
W1757 W1757

Date Analyzed: 12/13/06 12/13/06 12/13/06

Compound	% Rec	% Rec	% RPD	ug/L
1,1,1,2-Tetrachloroethane	101%	104%	2.7%	< 1.0
Ethyl Benzene	103%	105%	1.7%	< 1.0
Xylenes, Total	104%	104%	0.5%	< 2.0
Styrene	101%	105%	4.1%	< 1.0
Bromoform	98.6%	101%	2.8%	< 2.0
Isopropylbenzene	102%	102%	0.0%	< 1.0
1,1,2,2-Tetrachloroethane	105%	111%	5.4%	< 2.0
Bromobenzene	101%	103%	1.8%	< 1.0
1,2,3-Trichloropropane	103%	109%	5.8%	< 2.0
n-Propylbenzene	102%	104%	2.1%	< 1.0
2-Chlorotoluene	100%	101%	0.6%	< 1.0
1,3,5-Trimethylbenzene	103%	104%	0.6%	< 1.0
4-Chlorotoluene	102%	103%	1.6%	< 1.0
tert-Butylbenzene	102%	103%	0.4%	< 1.0
1,2,4-Trimethylbenzene	104%	106%	1.9%	< 1.0
sec-Butylbenzene	102%	102%	0.2%	< 1.0
1,3-Dichlorobenzene	101%	103%	2.2%	< 1.0
p-Isopropyltoluene	105%	104%	1.0%	< 1.0
1,4-Dichlorobenzene	99.2%	101%	2.2%	< 1.0
n-Butylbenzene	102%	102%	0.8%	< 1.0
1,2-Dichlorobenzene	103%	105%	1.2%	< 1.0
1,2-Dibromo-3-Chloropropane	97.2%	103%	5.6%	< 2.0
1,3,5-Trichlorobenzene	103%	101%	2.2%	< 1.0
1,2,4-Trichlorobenzene	100%	99.4%	1.0%	< 1.0
Hexachlorobutadiene	101%	93.2%	8.0%	< 1.0
Naphthalene	104%	107%	2.7%	< 3.0
1,2,3-Trichlorobenzene	104%	102%	1.4%	< 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. **012487**

Page **1** of **1**

Turn Around (circle one) Normal Rush

Report Due:

Project Number:	Collection		Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
	Date	Time						
Project Name: KUHLMAN ELECTRIC	Mail Report To:							
Project Location: CRYSTAL SPRINGS MS	Company: MARTIN & SCHOGB							
Sampled By (Print): CHUCK PERL	Address:							
							Quote No.:	
CSW-FB-004	9/5/86	1055	W	4	A	82608/1A-DIONANE		W1696
CSW-WA1-004	9/5/86	1030						W1710
CSW-WA2-004	9/5/86	1050						W1711
CSW-WA3-004	9/5/86	0820						W1712
CSW-WA4-004						NOT STARTED POOR SAMPLE WORK		W1713
CSW-WA8-004	9/5/86	0910						W1714
CSW-DUPLICATE-001	9/5/86	-						W1715
CSW-TP-004	9/5/86	1130						W1716
CSW-DUPLICATE-002	9/5/86	-						W1717
TRIP BC MAR	-	-						W1718
*Preservation Code	Relinquished By:		Date/Time:		Received By:		Date/Time:	
A=None B=HCL C=H2SO4 D=HNO3 E=EnCore F=Methanol G=NaOH O=Other(Indicate)	Charles O. Perl		9/16/86 1230		R. Johnson 2/5/86		1230	
Custody Seal: Present/Absent	Relinquished By:		Date/Time:		Received By:		Date/Time:	
Shipped Via:	Intact/Not Intact		Seal #s		Receipt Temp:		Temp Blank Y N	

Appendix B

FEDEX shipping label for SGS Environmental Services

1 From Please print and press hard.

Date _____ Sender's FedEx Account Number _____

Phone (601) 898-2792

Company Peal Consulting

Address 140 Chapel Lane

City Madison State MS ZIP 39110

2 Your Internal Billing Reference OPTIONAL

First 24 characters will appear on invoice.

3 To

Recipient's Name _____ Phone (910) 350-1903

Company PARADIGM ANALYTICAL LABS

Recipient's Address 5500 BUSINESS DR

We cannot deliver to P.O. boxes or P.D. ZIP codes.

Address _____

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

City WILMINGTON State NC ZIP 28405-8446

0318539504

Try online shipping at fedex.com

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

Questions? Go to our Web site at fedex.com

or call 1.800.GoFedEx 1.800.463.3339.

8/16/02

4a Express Package Service To add SATURDAY Delivery, see Section 6. **Packages up to 150 lbs.** *To meet locations.

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 To add SATURDAY Delivery, see Section 6. **Packages over 150 lbs.** **To meet 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 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.

No Yes As per attached Shipper's Declaration. Yes Shipper's Declaration not required. Dry Ice Dry Ice, 8, UN 1845 x _____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. Cargo Aircraft Only

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

Sender Acct. No. in Section 1 will be billed. Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. 181141891 Exp. Date _____

Credit Card No. _____

Total Packages	Total Weight	Total Declared Value†
		\$.00

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

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

No Signature Required Package may be left without obtaining a signature for delivery.

Direct Signature Anyone at recipient's address may sign for delivery. Fee applies.

Indirect Signature If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

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Appendix C

Chain of Custody Sheets for samples sent to SGS Environmental Services

