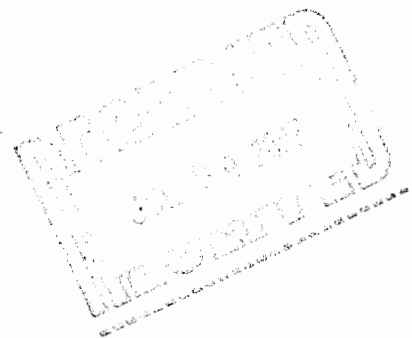


June 1, 2007

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,

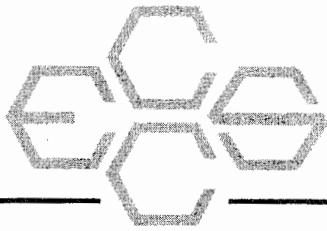
Kari-An Gillian
for Joseph Kubale

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

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 November 8, 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

Environmental Chemistry Consulting Services, Inc.

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

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 – November '06

Kuhlman Electric - Crystal Springs, Mississippi - Volatiles Detected in Water

VOLATILES	Depth Collected	Date Collected	Date Analyzed	Reporting Limit	W1737		W1738		W1739		W1740		W1741		W1742		W1743		W1744		W1745		
					CSW	WA8	CSW	WA3	CSW	FB	CSW	WA1	CSW	WA2	CSW	WA5	CSW	WA6	CSW	TP	CSW	Dup	
Xylenes, Total	2.0	8-Nov-06	8-Nov-06	8-Nov-06	8:30	8:45	9:10	9:15	9:30	9:45	10:00	10:20											
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																						
Surrogates:																							
Dibromofluorobenzene	%				98.2	101	102	99.3	102	104	104	106	106	106	106	106	106	106	106	106	106	106	106
Toluene-D8	%				99.1	99.7	101	99.8	101	100	99.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
4-Bromofluorobenzene	%				97.1	95.9	97.8	97.8	97.8	95.3	97.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.2

Table 2

QC Results – November'06

TABLE 2
QC Report

Lab # associated with qc samples: W1737 through W1745

	Matrix Spike W1741	Matrix Spike Duplicate W1741	Blank
Date Analyzed:	11/8/06	11/8/06	11/8/06

Compound	% Rec		% Rec		% RPD	ug/L
Dichlorodifluoromethane	96.2%		92.0%	4.5%		< 1.0
Chloromethane	90.8%		108%	17.1%		< 1.0
Vinyl Chloride	95.0%		106%	11.3%		< 1.0
Bromomethane	101%		106%	4.6%		< 1.0
Chloroethane	101%		107%	6.2%		< 1.0
Trichlorofluoromethane	106%		111%	4.2%		< 1.0
1,1-Dichloroethene	108%		115%	6.3%		< 1.0
Methylene Chloride	109%		114%	5.0%		< 1.0
trans-1,2-Dichloroethene	105%		113%	7.3%		< 1.0
1,1-Dichloroethane	180%		116%	43.2%		< 1.0
cis-1,2-Dichloroethene	115%		111%	3.2%		< 1.0
2,2-Dichloropropane	111%		111%	0.7%		< 1.0
Bromochloromethane	114%		107%	6.3%		< 1.0
Chloroform	117%		114%	3.1%		< 1.0
1,1,1-Trichloroethane	107%		108%	0.9%		< 1.0
1,1-Dichloropropene	104%		103%	0.8%		< 1.0
Carbon Tetrachloride	105%		105%	0.6%		< 1.0
Benzene	107%		107%	0.2%		< 1.0
1,2-Dichloroethane	112%		106%	6.1%		< 1.0
Trichloroethene	106%		101%	4.8%		< 1.0
1,2-Dichloropropane	108%		105%	3.4%		< 1.0
Dibromomethane	106%		101%	4.4%		< 1.0
Bromodichloromethane	81.8%		75.8%	7.6%		< 1.0
cis-1,3-Dichloropropene	93.6%		92.2%	1.5%		< 2.0
Toluene	104%		104%	0.2%		< 1.0
trans-1,3-Dichloropropene	97.2%		93.8%	3.6%		< 1.0
1,1,2-Trichloroethane	101%		99.8%	1.2%		< 1.0
Tetrachloroethene	102%		106%	3.8%		< 1.0
1,3-Dichloropropane	101%		99.8%	1.4%		< 1.0
Dibromochloromethane	99.4%		98.4%	1.0%		< 1.0
1,2-Dibromoethane	96.4%		93.8%	2.7%		< 1.0
Chlorobenzene	103%		106%	2.9%		< 1.0

TABLE 2
QC Report

Lab # associated with qc samples: W1737 through W1745

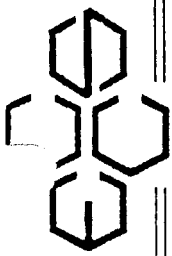
	Matrix	Matrix	
	Spike	Spike	Blank
	W1741	Duplicate	
		W1741	

Date Analyzed:	11/8/06	11/8/06	11/8/06
----------------	---------	---------	---------

Compound	% Rec		% Rec		% RPD	ug/L
1,1,1,2-Tetrachloroethane	101%		104%	3.3%		< 1.0
Ethyl Benzene	103%		105%	1.9%		< 1.0
Xylenes, Total	105%		106%	1.1%		< 2.0
Styrene	101%		107%	5.2%		< 1.0
Bromoform	97.8%		98.6%	0.8%		< 2.0
Isopropylbenzene	99.2%		107%	7.4%		< 1.0
1,1,2,2-Tetrachloroethane	96.0%		103%	7.0%		< 2.0
Bromobenzene	102%		108%	5.1%		< 1.0
1,2,3-Trichloropropane	105%		100%	5.1%		< 2.0
-Propylbenzene	102%		110%	7.2%		< 1.0
2-Chlorotoluene	104%		110%	5.4%		< 1.0
1,3,5-Trimethylbenzene	104%		112%	7.2%		< 1.0
4-Chlorotoluene	105%		110%	4.5%		< 1.0
tert-Butylbenzene	102%		110%	7.4%		< 1.0
1,2,4-Trimethylbenzene	103%		112%	8.0%		< 1.0
sec-Butylbenzene	106%		113%	6.8%		< 1.0
1,3-Dichlorobenzene	104%		108%	4.0%		< 1.0
p-Isopropyltoluene	101%		109%	7.4%		< 1.0
1,4-Dichlorobenzene	106%		113%	6.0%		< 1.0
n-Butylbenzene	102%		109%	6.8%		< 1.0
1,2-Dichlorobenzene	101%		105%	4.5%		< 1.0
1,2-Dibromo-3-Chloropropane	81.8%		96.4%	16.4%		< 2.0
1,3,5-Trichlorobenzene	97.6%		108%	10.1%		< 1.0
1,2,4-Trichlorobenzene	91.2%		102%	11.6%		< 1.0
Hexachlorobutadiene	99.4%		110%	10.3%		< 1.0
Naphthalene	84.8%		89.8%	5.7%		< 3.0
1,2,3-Trichlorobenzene	94.6%		104%	9.8%		< 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. **013333** *

Page 1 of 1

Turn Around (circle one) Normal Rush
Report Due:

Project Number: _____
 Project Name: KULLMAN ELECTRIC
 Project Location: CENTRAL SPRINGS
 Sampled By (Print): Chuck Peal

Mail Report To: _____
 Company: MARTIN + SAGLE
 Address: _____

P.O. No.: _____ Quote No.: _____

Sample Description	Collection		Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number
	Date	Time						
CSW-WA8-005	11/8/06	0830	W	4	A	P260B + 1,4Dioxin		W1737
CSW-WA3-005		0845		10	A/B			W1738
CSW-FB-005		0910		4	A			W1739
CSW-WA1-005		0915		4	A			W1740
CSW-WA2-005		0930		4	A			W1741
CSW-WA5-001		0945		4	A			W1742
CSW-WA6-001		1000		4	A			W1743
CSW-TP-005		1020		4	A			W1744
DUPLICATE				9	A/B			W1745

Relinquished By: Charles D. M. Peal Date/Time: 11/8/06 1030
 Relinquished By: _____ Date/Time: _____
 Received By: [Signature] Date/Time: 11/8/06 1030
 Received By: _____ Date/Time: _____

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

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

Appendix B

FEDEX shipping label for SGS Environmental Services

From Please print and press hard.
 Date **11/9/06** Sender's FedEx Account Number
 No. **Chuck Peel** Phone **(601) 992-2792**
 Company **Peel Consulting**
 Address **140 Chapel Lane**
 City **Madison** State **MS** ZIP **39110**

Your Internal Billing Reference
 First 24 characters will appear on invoice. **OPT. NAAL**

To
 Recipient's Name **SAMPLE RECEIPT** Phone **(910) 350-1903**

Company **PARADIGM ANALYTICAL LABS**

Recipient's Address **5500 BUSINESS DR**
 We cannot deliver to P.O. boxes or P.O. 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**

0331513763



Ship and track packages at fedex.com
 Simplify your shipping. Manage your account. Access all the tools you need.

4a Express Package Service Packages up to 150 lbs.
 FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.
 FedEx First Overnight Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.
 FedEx 2Day Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 FedEx Express Saver Third business day.* Saturday Delivery NOT available.
 * To most locations.
 FedEx Envelope rate not available. Minimum charge: One-pound rate.

4b Express Freight Service Packages over 150 lbs.
 FedEx 1Day Freight* Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 FedEx 2Day Freight Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
 FedEx 3Day Freight Third business day.** Saturday Delivery NOT available.
 * Call for Confirmation. ** To most locations.

5 Packaging
 FedEx Envelope* **FedEx Pak*** Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak. **FedEx Box** **FedEx Tube** **Other**
 * Declared value limit \$500.

6 Special Handling Include FedEx address in Section 3.
 SATURDAY Delivery NOT Available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.
 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. **1811-4189-1** 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. 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. **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

