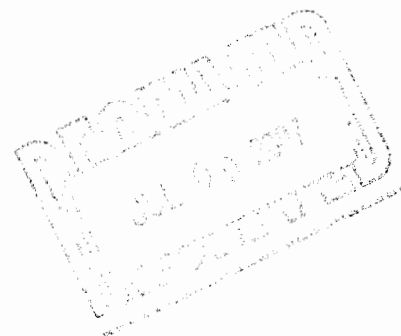


June 1, 2007

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 Gillham
for Joseph Kubale

Enclosure

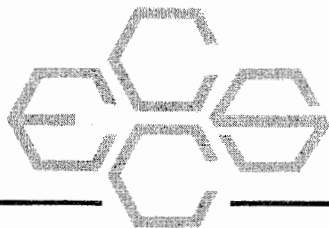
Environmental Chemistry Consulting Services, Inc.

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 December 13, 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 – December '06

TABLE 1

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

VOLATILES	Depth	Date Collected	Time Collected	Date Analyzed	Reporting Limit	W1756		W1757		W1758		W1759		W1760		W1761		W1762		W1763		W1764		
						CSW	WA8	CSW	WA3	CSW	FB	CSW	WA1	CSW	WA2	CSW	WA5	CSW	WA6	CSW	TP	CSW	CSW	CSW
Xylenes, Total	2.0	13-Dec-06	8:20	13-Dec-06	8:41	8:32	8:41	8:45	8:52	9:12	9:20	9:40												
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	%	114				110	109	106	109	105	112	103												
Toluene-D8	%	100				101	100	101	103	102	102	101												
4-Bromofluorobenzene	%	97.7				100	98.9	96.5	99.7	98.2	99.2	99.2												

Table 2

QC Results – December'06

TABLE 2
QC Report

Lab # associated with qc samples: W1756 through W1764

	Matrix	Matrix	
	Spike	Spike	
	W1757	Duplicate	Blank
		W1757	

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

Compound	% Rec		% Rec		% RPD	ug/L
Dichlorodifluoromethane	75.4%		72.0%	4.6%		< 1.0
Chloromethane	86.2%		87.2%	1.2%		< 1.0
Vinyl Chloride	87.4%		89.0%	1.8%		< 1.0
Bromomethane	90.2%		90.2%	0.0%		< 1.0
Chloroethane	95.2%		96.0%	0.8%		< 1.0
Trichlorofluoromethane	101%		97.2%	4.2%		< 1.0
1,1-Dichloroethene	95.6%		95.0%	0.6%		< 1.0
Methylene Chloride	98.0%		97.4%	0.6%		< 1.0
trans-1,2-Dichloroethene	100%		98.0%	2.2%		< 1.0
1,1-Dichloroethane	102%		103%	1.6%		< 1.0
cis-1,2-Dichloroethene	102%		99.4%	2.4%		< 1.0
2,2-Dichloropropane	102%		98.6%	3.4%		< 1.0
Bromochloromethane	104%		101%	2.5%		< 1.0
Chloroform	113%		106%	6.4%		< 1.0
1,1,1-Trichloroethane	113%		100%	11.8%		< 1.0
1,1-Dichloropropene	95.6%		94.6%	1.1%		< 1.0
Carbon Tetrachloride	110%		96.0%	13.6%		< 1.0
Benzene	105%		98.6%	6.1%		< 1.0
1,2-Dichloroethane	109%		105%	4.3%		< 1.0
Trichloroethene	98.8%		91.0%	8.2%		< 1.0
1,2-Dichloropropane	102%		96.6%	5.8%		< 1.0
Dibromomethane	101%		97.2%	3.4%		< 1.0
Bromodichloromethane	105%		98.8%	5.9%		< 1.0
cis-1,3-Dichloropropene	90.0%		83.2%	7.9%		< 2.0
Toluene	103%		91.2%	12.2%		< 1.0
trans-1,3-Dichloropropene	94.8%		88.6%	6.8%		< 1.0
1,1,2-Trichloroethane	107%		96.8%	10.4%		< 1.0
Tetrachloroethene	96.8%		87.6%	10.0%		< 1.0
1,3-Dichloropropane	99.4%		94.4%	5.2%		< 1.0
Dibromochloromethane	99.8%		90.2%	10.1%		< 1.0
1,2-Dibromoethane	97.6%		89.2%	9.0%		< 1.0
Chlorobenzene	98.2%		89.4%	9.4%		< 1.0

TABLE 2
QC Report

Lab # associated with qc samples: W1756 through W1764

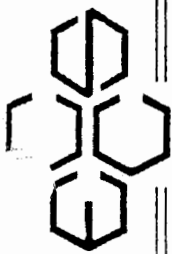
	Matrix	Matrix	
	Spike	Spike	
	W1757	Duplicate	Blank
		W1757	

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

Compound	% Rec		% Rec		% RPD	ug/L
1,1,1,2-Tetrachloroethane	109%		96.0%	12.7%		< 1.0
Ethyl Benzene	104%		92.6%	11.8%		< 1.0
Xylenes, Total	106%		92.6%	13.0%		< 2.0
Styrene	103%		92.4%	11.0%		< 1.0
Bromoform	98.2%		93.0%	5.4%		< 2.0
Isopropylbenzene	102%		89.6%	12.9%		< 1.0
1,1,2,2-Tetrachloroethane	110%		105.4%	3.9%		< 2.0
Bromobenzene	106%		95.6%	10.1%		< 1.0
1,2,3-Trichloropropane	117%		105%	10.7%		< 2.0
n-Propylbenzene	108%		98.4%	9.7%		< 1.0
2-Chlorotoluene	112%		99.4%	12.1%		< 1.0
1,3,5-Trimethylbenzene	110%		97.2%	12.7%		< 1.0
4-Chlorotoluene	112%		102%	9.5%		< 1.0
tert-Butylbenzene	102%		92.0%	10.3%		< 1.0
1,2,4-Trimethylbenzene	111%		101%	10.0%		< 1.0
sec-Butylbenzene	111%		96.4%	14.1%		< 1.0
1,3-Dichlorobenzene	102%		93.6%	8.2%		< 1.0
p-Isopropyltoluene	94.8%		88.8%	6.5%		< 1.0
1,4-Dichlorobenzene	103%		94.4%	8.7%		< 1.0
n-Butylbenzene	99.2%		90.6%	9.1%		< 1.0
1,2-Dichlorobenzene	99.2%		92.2%	7.3%		< 1.0
1,2-Dibromo-3-Chloropropane	95.6%		89.8%	6.3%		< 2.0
1,3,5-Trichlorobenzene	93.0%		84.8%	9.2%		< 1.0
1,2,4-Trichlorobenzene	85.8%		77.6%	10.0%		< 1.0
Hexachlorobutadiene	100%		86.6%	14.4%		< 1.0
Naphthalene	81.2%		73.0%	10.6%		< 3.0
1,2,3-Trichlorobenzene	93.0%		84.0%	10.2%		< 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. **013355** *

Page 1 of 1

Turn Around (circle one) Normal Rush

Report Due:

Project Number: _____
 Project Name: KUHLMAN ELECTRIC
 Project Location: CAYUGA SPRINGS
 Sampled By (Print): Chuck Paul

Mail Report To: _____
 Company: MARTIN + SAGLE
 Address: _____
 P.O. No.: _____ Quote No.: _____

Sample Description	Collection		Matrix	Total Bottles	Preserv*	Analysis Requested	Laboratory Number
	Date	Time					
CSW-WA8-006	11/13/06	0820	W	4	A	F2608 + 1,4 Dioxane	W1756
CSW-WA3-006		0832	W	10	A/B		W1757
CSW-FB-006		0841	W	4	A		W1758
CSW-WA1-006		0845	W	4	A		W1759
CSW-WA2-006		0852	W	4	A		W1760
CSW-WA5-002		0912	W	4	A		W1761
CSW-WA6-002		0920	W	4	A		W1762
CSW-TP-006		0940	W	4	A		W1763
DUPLICATE			W	9	A/B		W1764

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

Relinquished By: Chuck Paul Date/Time: 11/13/06 1000
 Relinquished By: _____ Date/Time: _____

Received By: [Signature] Date/Time: 12/13/06 1000
 Received By: _____ Date/Time: _____

Custody Seal: Present/Absent _____ Seal #'s _____
 Shipped Via: _____

Appendix B

FEDEX shipping label for SGS Environmental Services

1 From *Please print and press hard.* Sender's FedEx Account Number
 Date 12/14/06
 vs Chuck Peel Phone (601) 899-2792
 Company Peel Consulting
 Address 140 Chapel Lane
 City Madison State MS ZIP 39110

2 Your Internal Billing Reference
 First 24 characters will appear on invoice.

3 To Recipient's Name
 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.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

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.

4a Express Package Service To add SATURDAY Delivery, see Section 6. **Packages up to 150 lbs.**
 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.**
 FedEx 1Day Freight* Next business day.**
 FedEx 2Day Freight Second business day.**
 FedEx 3Day Freight Third business day.**
 * Call for Confirmation. ** Declared value limit \$500.

5 Packaging
 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, 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.
 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.
519

Appendix C

Chain of Custody Sheets for samples sent to SGS Environmental Services

