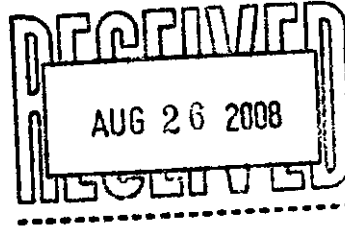


August 21, 2008

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,

Joseph Kubale

Enclosure

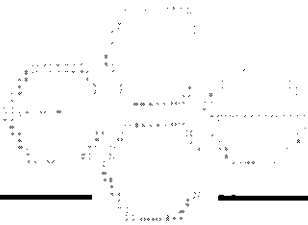
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Technical Memorandum

Kuhlman Electric Corporation (KEC)

Crystal Springs, Mississippi



TECHNICAL MEMORANDUM

August 21, 2008

To: Robert Martin
Martin and Slagle

From: Joseph Kubale *JK*
ECCS *for*

Re: Analytical Methods
Volatile Organic Compounds (VOC) , 1,4-Dioxane
Kuhlman Electric Corporation (KEC)
Crystal Springs, MS

Introduction

This Technical Memorandum provides documentation of the analytical test methods used to analyze water samples collected in August 2008 during the city well groundwater sampling event 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 and by direct injection GC/MSD/SIM for 1,4-Dioxane.

Narrative

Waters

Water samples were analyzed for VOCs directly by purge and trap GC/MSD and for 1,4-Dioxane by direct injection GC/MSD/SIM.

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

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Purge and Trap GC/MSD

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

	Purge and Trap GC/MSD
Naphthalene	3.0
1,2,3-Trichlorobenzene	1.0

	Direct Injection GC/MSD/SIM
1,4-Dioxane	1.0

A summary of volatile test results is provided in Table 1. A summary of 1,4-Dioxane results is provided in table 2. A summary of method blanks and matrix spike/matrix spike duplicate data is provided in Table 3 and 4, respectively.

In addition copies of the chain of custody sheets and shipping sheets can be found in appendix A through C.

- A) Chain of custody sheets for samples
- B) FEDEX shipping label for Columbia Analytical Services, Inc.
- C) Chain of custody sheets for samples sent to Columbia Analytical Services, Inc.

VOC Method Summary

Water Samples

Water samples were provided by the client to the 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 or less
- Surrogate standard additions to samples
- Blank and LCS samples analyzed every twenty samples or less with a minimum of one per day per matrix.
- MS/MSD samples analyzed every twenty samples or less per matrix.
- Information documented in Logbook 150.

1,4-Dioxane Method Summary

Water Samples

Water samples were provided by the client to the lab in 1L amber bottle. 200 grams of sample was transferred to the filtering apparatus, spiked with 40uL 25ug/mL surrogate solution and 40uL 25ug/mL spike solution (if necessary) then filtered through a 3M 2272 activated carbon disk. The activated carbon disk was placed in a 3 dram vial containing 8mL methanol and sonicated for 15 minutes. A 0.8mL aliquot of the sample extract was spiked with 10uL 25ug/mL internal standard solution and analyzed by direct inject GC/MSD/SIM.

GC/MSD Procedure:

Identification of the target compound was done by matching retention times, quantitation and qualifier ion relative responses to that of an authentic standard. Quantitation is accomplished by comparing the response of the major (quantitation) ion relative to an internal standard using a seven point calibration curve. These levels equate to 0.5, 1.0, 2.5, 5.0, 10, 50 and 100 ug/L for water samples.

A Hewlett-Packard 5890 Series II gas chromatograph with a 30m x 0.32mm 1.8u film, 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 or less
- Surrogate standard additions to samples
- Blank and LCS samples analyzed every twenty samples or less with a minimum of one per day per matrix.
- MS/MSD samples analyzed every twenty samples or less per matrix.
- Information documented in Logbook 150.

Table 1

Sample Results Volatiles– August

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

VOLATILES	W2394		W2395		W2396		W2397		W2398		W2399		W2400		W2401		W2402		
	CSW	WA8	CSW	WA3	CSW	WA1	CSW	WA2	CSW	FB	CSW	WA5	CSW	WA6	CSW	TP	CSW	CSW	Duplicate
	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected	Depth	Date Collected
	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected	ug/L	Time Collected
	Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed		Date Analyzed
	Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit		Reporting Limit
Xylenes, Total	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08
Styrene	8:20	1.0	8:35	1.0	8:45	1.0	8:52	1.0	8:56	1.0	9:25	1.0	9:36	1.0	9:50	1.0	1.0	1.0	1.0
Bromoform	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08
Isopropylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,1,2,2-Tetrachloroethane	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08
Bromobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,2,3-Trichloropropane	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08
n-Propylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
2-Chlorotoluene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,3,5-Trimethylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
4-Chlorotoluene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
tert-Butylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,2,4-Trimethylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
sec-Butylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,3-Dichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
p-Isopropyltoluene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,4-Dichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
n-Butylbenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,2-Dichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,2-Dibromo-3-Chloropropane	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08	2.0	5-Aug-08
1,3,5-Trichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
1,2,4-Trichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
Hexachlorobutadiene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
Naphthalene	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08	3.0	5-Aug-08
1,2,3-Trichlorobenzene	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08	1.0	5-Aug-08
Surrogates:																			
Dibromofluoromethane		%		110		107		106		105		104		99.7		98.0		105	
Toluene-D8		%		88.8		103		98.8		106		104		105		103		101	
4-Bromofluorobenzene		%		85.8		104		96.4		101		97.0		97.6		95.3		95.9	

Table 2

Sample Results 1,4-Dioxane– August

Kuhlman Electric - Crystal Springs, N. Mississippi - 1,4-Dioxane Detected in Water

	W2394	W2395	W2396	W2397	W2398	W2399	W2400	W2401	W2402
	CSW WA8 027	CSW WA3 027	CSW WA1 027	CSW WA2 027	CSW FB 027	CSW WA5 022	CSW WA6 022	CSW TP 027	CSW Duplicate
Depth	-	-	-	-	-	-	-	-	-
Date Collected	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08	5-Aug-08
Time Collected	8:20	8:35	8:45	8:52	8:56	9:25	9:36	9:50	-
Date Analyzed	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08	6-Aug-08
Reporting Limit									
ug/L									
VOLATILES									
1,4-Dioxane	< 1.0	< 1.0	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1
Surrogates:									
1,4-Dioxane-D8	101	90.2	93.3	90.5	96.8	93.6	94.3	94.7	81.7

Table 3

QC Results Volatiles– August

TABLE 3
QC Report

Lab # associated with qc samples: W2394 through W2402

	Matrix Spike W2394	Matrix Spike W2394	Blank
Date Analyzed:	08/05/08	08/05/08	08/05/08

Compound	% Rec	% Rec	RPD	ug/L
Dichlorodifluoromethane	91.6%	95.2%	3.9%	< 1.0
Chloromethane	108%	112%	4.0%	< 1.0
Vinyl chloride	105%	110%	4.5%	< 1.0
Bromomethane	101%	110%	8.9%	< 1.0
Chloroethane	128%	118%	8.0%	< 1.0
Trichlorofluoromethane	118%	116%	2.2%	< 1.0
1,1-Dichloroethene	113%	106%	6.2%	< 1.0
Methylene chloride	101%	98.4%	2.6%	< 1.0
trans-1,2-Dichloroethene	115%	101%	12.4%	< 1.0
1,1-Dichloroethane	106%	101%	4.7%	< 1.0
cis-1,2-Dichloroethene	95.8%	94.6%	1.3%	< 1.0
2,2-Dichloropropane	102%	95.8%	6.3%	< 1.0
Bromochloromethane	90.8%	85.4%	6.1%	< 1.0
Chloroform	93.8%	92.2%	1.7%	< 1.0
1,1,1-Trichloroethane	102%	101%	0.6%	< 1.0
1,1-Dichloropropene	102%	100%	2.0%	< 1.0
Carbon tetrachloride	104%	104%	0.2%	< 1.0
Benzene	105%	105%	0.4%	< 1.0
1,2-Dichloroethane	91.2%	95.0%	4.1%	< 1.0
Trichloroethene	99.2%	96.6%	2.7%	< 1.0
1,2-Dichloropropane	97.8%	93.4%	4.6%	< 1.0
Dibromomethane	85.2%	87.4%	2.5%	< 1.0
Bromodichloromethane	88.8%	87.8%	1.1%	< 1.0
cis-1,3-Dichloropropene	84.0%	84.6%	0.7%	< 2.0
Toluene	105%	107%	1.9%	< 1.0
trans-1,3-Dichloropropene	77.4%	82.0%	5.8%	< 1.0
1,1,2-Trichloroethane	81.4%	83.8%	2.9%	< 1.0
Tetrachloroethene	97.8%	100%	2.2%	< 1.0
1,3-Dichloropropane	83.4%	83.2%	0.2%	< 1.0
Dibromochloromethane	76.4%	78.2%	2.3%	< 1.0
1,2-Dibromoethane	76.8%	78.6%	2.3%	< 1.0
Chlorobenzene	101%	103%	1.8%	< 1.0
1,1,1,2-Tetrachloroethane	101%	98.6%	2.8%	< 1.0
Ethyl benzene	102%	99.4%	2.2%	< 1.0
Xylenes, Total	99.6%	101%	1.2%	< 2.0
Styrene	93.4%	95.8%	2.5%	< 1.0
Bromoform	76.6%	75.6%	1.3%	< 2.0

TABLE 3
QC Report

Lab # associated with qc samples: W2394 through W2402

	Matrix	Matrix	
	Spike	Spike	
	W2394	Duplicate	Blank
	W2394	W2394	
Date Analyzed:	08/05/08	08/05/08	08/05/08

Compound	% Rec		% Rec	RPD		ug/L
Isopropylbenzene	92.4%		94.2%	1.9%		< 1.0
1,1,2,2-Tetrachloroethane	77.8%		78.8%	1.3%		< 2.0
Bromobenzene	88.0%		90.6%	2.9%		< 1.0
1,2,3-Trichloropropane	82.6%		86.8%	5.0%		< 2.0
n-Propylbenzene	101%		103%	2.2%		< 1.0
2-Chlorotoluene	97.8%		99.0%	1.2%		< 1.0
1,3,5-Trimethylbenzene	97.0%		97.2%	0.2%		< 1.0
4-Chlorotoluene	96.6%		98.4%	1.8%		< 1.0
tert-Butylbenzene	94.8%		96.0%	1.3%		< 1.0
1,2,4-Trimethylbenzene	93.6%		93.2%	0.4%		< 1.0
sec-Butylbenzene	93.8%		96.6%	2.9%		< 1.0
1,3-Dichlorobenzene	105%		103%	1.9%		< 1.0
p-Isopropyltoluene	106%		105%	0.8%		< 1.0
1,4-Dichlorobenzene	103%		106%	2.7%		< 1.0
n-Butylbenzene	111%		111%	0.2%		< 1.0
1,2-Dichlorobenzene	98.4%		99.6%	1.2%		< 1.0
1,2-Dibromo-3-chloropropane	78.8%		84.4%	6.9%		< 2.0
1,3,5-Trichlorobenzene	96.2%		97.0%	0.8%		< 1.0
1,2,4-Trichlorobenzene	88.4%		89.4%	1.1%		< 1.0
Hexachlorobutadiene	100%		99.4%	0.6%		< 1.0
Naphthalene	76.2%		77.6%	1.8%		< 3.0
1,2,3-Trichlorobenzene	85.6%		87.8%	2.5%		< 1.0

Table 4

QC Results 1,4-Dioxane– August

TABLE 4
QC Report

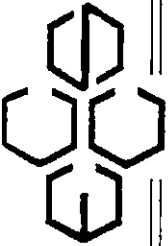
Lab # associated with qc samples: W2394 through W2402

	Matrix Spike	Matrix Spike Duplicate	LCS	Blank
	W2395	W2395		
Date Extracted:	08/05/08	08/05/08	08/05/08	08/05/08
Date Analyzed:	08/06/08	08/06/08	08/06/08	08/06/08

Compound	% Rec		% Rec	RPD		% Rec	ug/L
1,4-Dioxane	97.4%		92.9%	4.7%		94.9%	< 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
CITY WELLS

No. **013759** *
Page 1 of 1

Turn Around (circle one) Normal Rush
Report Due:

Project Number:		Mail Report To:		Company:		Address:		P.O. No.:		Quote No.:		Laboratory Number	
Project Name: KUHLMAN ELECTRIC		Company: MARTIN & SCOTLE		Address:		P.O. No.:		Quote No.:		Laboratory Number		Date/Time: 8/5/08 1000	
Project Location: CHRISTAL SPRINGS MS		Company: MARTIN & SCOTLE		Address:		P.O. No.:		Quote No.:		Laboratory Number		Date/Time: 8/5/08 1000	
Sampled By (Print): Church Paul		Company: MARTIN & SCOTLE		Address:		P.O. No.:		Quote No.:		Laboratory Number		Date/Time: 8/5/08 1000	
Sample Description	Collection		Matrix	Total Bottles	Preserv.	Analysis Requested	Comments	Laboratory Number					
	Date	Time											
CSW-WA8-027	8/5/08	0820	W	4	A	P2C06 + 1,4 Dioxane		W2394					
CSW-WA3-027	8/5/08	0835	W	4	A/B			W2395					
CSW-WA1-027	8/5/08	0845	W	11	A/B			W2396					
CSW-WA2-027	8/5/08	0852	W	4	A			W2397					
CSW-F6-027	8/5/08	0856	W	4	A			W2398					
CSW-WA5-022	8/5/08	0925	W	4	A			W2399					
CSW-WA6-022	8/5/08	0936	W	4	A			W2400					
CSW-TP-027	8/5/08	0950	W	4	A			W2401					
DUPLICATE	8/5/08		W	7	A/B			W2402					
*Preservation Code		Relinquished By: <i>[Signature]</i>		Date/Time: 8/5/08 1000		Received By: <i>[Signature]</i>		Date/Time: 8/5/08 1000					
A=None B=HCL C=H2SO4		Relinquished By:		Date/Time:		Received By:		Date/Time:					
D=HNO3 E=EnCore F=Methanol		Intact/Not Intact		Seal #s		Receipt Temp:		Temp Blank Y N					
G=NaOH O=Other (Indicate)		Intact/Not Intact		Seal #s		Receipt Temp:		Temp Blank Y N					
Custody Seal: Present/Absent		Intact/Not Intact		Seal #s		Receipt Temp:		Temp Blank Y N					
Shipped Via:		Intact/Not Intact		Seal #s		Receipt Temp:		Temp Blank Y N					

Appendix B

FEDEX shipping label for Columbia Analytical Services, Inc.

From Please print and press hard.
Date 8/6/08 **Sender's FedEx Account Number** 2262 8199 1
Sender's Name JOE KUBALE **Phone** (608) 345-1974
Company ECCS, INC
Address 2525 ADVANCE RD
City MADISON **State** WI **ZIP** 53718

Your Internal Billing Reference
To Recipient's Name SAMPLE CUSTODIAN **Phone** (360) 577-7222

Company COLUMBIA ANALYTICAL
Address 1317 So 13th AVE
City KELSO **State** WA **ZIP** 98626

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.Go.FedEx® 800.463.3339.

4a Express Package Service *Packages up to 150 lbs.*
 FedEx Priority Overnight Next business morning
 FedEx Standard Overnight Next business afternoon
 FedEx 2Day Second business day
 FedEx Express Saver Third business day
 FedEx First Overnight Earliest next business morning delivery to select locations

4b Express Freight Service *Packages over 150 lbs.*
 FedEx 1Day Freight* Next business day
 FedEx 2Day Freight Second business day
 FedEx 3Day Freight Third business day

5 Packaging ** Declared value limit \$500*
 FedEx Envelope*
 FedEx Pak* includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak
 Other

6 Special Handling *Includes FedEx services to Domestic*
 SATURDAY Delivery Available (P.O. Box) for FedEx Priority Overnight and FedEx 2Day to select ZIP codes
 HOLD Weekday at FedEx Location Available (P.O. Box) for FedEx First Overnight
 HOLD Saturday at FedEx Location Available (P.O. Box) for FedEx Priority Overnight and FedEx 2Day to select locations
Does this shipment contain dangerous goods?
 No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required
 Dry Ice Dry Ice, 6, UN 1845 Cargo Aircraft Only

7 Payment Bill to: Sender Recipient Third Party Credit Card Cash/Check

FedEx Acct. No. / Credit Card No.	Exp. Date	Total Packages	Total Weight	Total Declared Value ¹
				\$.00

¹Our liability is limited to \$100 unless you declare a higher value. See back for details. FedEx Use Only

8 Release Signature *Sign to authorize delivery without obtaining 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. 446
 Rev. Date 10/01/04 Form #157812 ©1994-2001 FedEx® PRINTED IN U.S.A. WCSL 02

Appendix C

Chain of Custody Sheets for samples sent to Columbia Analytical Services, Inc.



CHAIN OF CUSTODY

1317 South 13th Ave. • Kelso, WA 98626 • (360) 577-7222 • (800) 695-7222X07 • FAX (360) 696-1088

SR#: _____ OF _____ PAGE _____ OF _____ COC # _____

PROJECT NAME: KULLMAN ELECTRIC

PROJECT NUMBER: _____

PROJECT MANAGER: ROBERT MARTIN

COMPANY/ADDRESS: MARTIN + SARGENT

CITY/STATE/ZIP: BLACK MOUNTAIN NC

E-MAIL ADDRESS: _____

PHONE #: _____ FAX#: _____

SAMPLER'S SIGNATURE: [Signature]

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS	REMARKS
CSW-WA1-029	8/5/08	0845	W 5	W	5	1,4-Dioxane by 8230 SIM
DUPLICATE	9/5/08	---	W 5	W	5	WZ396
TRIP BLANK	---	---	W 2	W	2	WZ402
<i>[Large Signature]</i>						

REPORT REQUIREMENTS

I. Routine Report: Method Blank, Surrogate, as required _____

II. Report Dup., MS, MSD as required _____

III. Data Validation Report (includes all raw data) _____

IV. CLP Deliverable Report _____

V. EDD _____

INVOICE INFORMATION

P.O. # _____

Bill To: BOB WARNER

TURNAROUND REQUIREMENTS

24 hr. _____ 48 hr. _____

5 Day _____

Standard (10-15 working days)

Provide FAX Results _____

Requested Report Date _____

RELIQUISHED BY:

Signature: [Signature] Date/Time: 8/5/08 1400

Printed Name: Robert Martin Firm: Martin + Sargent

RECEIVED BY:

Signature: _____ Date/Time: _____

Printed Name: _____ Firm: _____

Circle which metals are to be analyzed:

Total Metals: Al As Sb Ba Be B Ca Cd Co Cr Cu Fe Pb Mg Mn Mo Ni K Ag Na Se Sr Ti Sn V Zn Hg

Dissolved Metals: Al As Sb Ba Be B Ca Cd Co Cr Cu Fe Pb Mg Mn Mo Ni K Ag Na Se Sr Ti Sn V Zn Hg

*INDICATE STATE HYDROCARBON PROCEDURE: AK CA WI NORTHWEST OTHER: _____ (CIRCLE ONE)

SPECIAL INSTRUCTIONS/COMMENTS:

8260B - Kullman list

1,4-Dioxane - used 0.5g/L diphenylamine