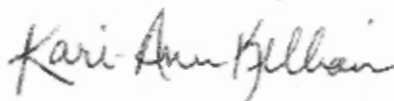

January 22, 2008

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,



jk 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

January 22, 2008

To: Robert Martin
Martin and Slagle

From: Joseph Kubale *JK*
ECCS *ja*

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 January 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– January

TABLE 1
Kuhlman Electric - Crystal Springs, Mississippi - Volatiles Detected in Water

VOLATILES	Depth	Date Collected	Time Collected	Date Analyzed	Reporting Limit	Concentration (ug/L)													
						W2079	W2080	W2081	W2082	W2083	W2084	W2085	W2086	W2087					
Xylenes, Total		9-Jan-08	8:12	9-Jan-08	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	
Styrene		9-Jan-08	8:30	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Bromoform		9-Jan-08	9:05	9-Jan-08	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	
Isopropylbenzene		9-Jan-08	9:05	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,1,2,2-Tetrachloroethane		9-Jan-08	8:42	9-Jan-08	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	
Bromobenzene		9-Jan-08	9:00	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,3-Trichloropropane		9-Jan-08	9:37	9-Jan-08	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	
n-Propylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
2-Chlorotoluene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,3,5-Trimethylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
4-Chlorotoluene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
tert-Butylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,4-Trimethylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
sec-Butylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,3-Dichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
p-Isopropyltoluene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,4-Dichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
n-Butylbenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2-Dibromo-3-Chloropropane		9-Jan-08	9:37	9-Jan-08	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	
1,3,5-Trichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
1,2,4-Trichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Hexachlorobutadiene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Naphthalene		9-Jan-08	9:37	9-Jan-08	3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	
1,2,3-Trichlorobenzene		9-Jan-08	9:37	9-Jan-08	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Surrogates:																			
Dibromofluoromethane					%	104	105	104	101	104	102	103	101						
Toluene-D8					%	98.5	93.8	89.2	93.6	93.8	93.6	94.0	90.5						
4-Bromofluorobenzene					%	95.7	94.8	93.5	91.6	92.5	93.5	94.2	92.8						

NC = Not collected.

Table 2

Sample Results 1,4-Dioxane- January

1
MULT 2
Kuhlman Electric - Crystal Springs, Mississippi - 1,4-Dioxane Detected in Water

VOLATILES	Reporting Limit ug/L	Depth		Date Collected		Time Collected		Date Analyzed		Reporting Limit	
		W2079	W2080	W2081	W2082	W2083	W2084	W2085	W2086	W2087	
		CSW	CSW	CSW	CSW	CSW	CSW	CSW	CSW	CSW	CSW
		WA8	WA3	FB	WA1	WA2	WA5	WA6	TP		Duplicate
		019	019	019	019	019	015	015	019		
		-	-	-	-	-	-	-	-	-	-
		9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08
		8:12	8:30	9:05	8:42	9:00	9:37	-	10:00	-	-
		9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08	9-Jan-08
		< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	NC	< 1.0
1,4-Dioxane	1.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	< 1.0	< 1.0	< 1.0	NC	< 1.0
1.3											
Surrogates:											
1,4-Dioxane-D8	%	108	109	111	111	108	115	NC	107		112

NC = Not collected.

Table 3

QC Results Volatiles- January

TABLE 3
QC Report

Lab # associated with qc samples: W2079 through W2084
Matrix W2086 and W2087

Matrix Spike Duplicate Blank
Spike W2079 W2079

Date Analyzed: 1/9/08 1/9/08 1/9/08

Compound	% Rec	% Rec	RPD	ug/L
Dichlorodifluoromethane	92.8%	98.2%	5.7%	< 1.0
Chloromethane	81.2%	88.2%	8.3%	< 1.0
Vinyl chloride	96.6%	98.4%	1.8%	< 1.0
Bromomethane	93.6%	100.4%	7.0%	< 1.0
Chloroethane	94.0%	99.4%	5.6%	< 1.0
Trichlorofluoromethane	95.6%	99.8%	4.3%	< 1.0
1,1-Dichloroethene	93.2%	97.2%	4.2%	< 1.0
Methylene chloride	97.2%	99.4%	2.2%	< 1.0
trans-1,2-Dichloroethene	105%	119%	12.5%	< 1.0
1,1-Dichloroethane	110%	114%	3.6%	< 1.0
cis-1,2-Dichloroethene	98.6%	102%	3.4%	< 1.0
2,2-Dichloropropane	101%	101%	0.0%	< 1.0
Bromochloromethane	96.2%	102%	5.5%	< 1.0
Chloroform	104%	104%	0.2%	< 1.0
1,1,1-Trichloroethane	100%	104%	3.7%	< 1.0
1,1-Dichloropropene	100%	101%	0.4%	< 1.0
Carbon tetrachloride	98.6%	101%	2.8%	< 1.0
Benzene	100%	105%	4.9%	< 1.0
1,2-Dichloroethane	99.8%	102%	2.6%	< 1.0
Trichloroethene	96.0%	101%	4.9%	< 1.0
1,2-Dichloropropane	99.6%	101%	1.8%	< 1.0
Dibromomethane	92.6%	98.8%	6.5%	< 1.0
Bromodichloromethane	97.4%	97.8%	0.4%	< 1.0
cis-1,3-Dichloropropene	90.2%	92.8%	2.8%	< 2.0
Toluene	96.8%	100%	3.3%	< 1.0
trans-1,3-Dichloropropene	89.4%	92.2%	3.1%	< 1.0
1,1,2-Trichloroethane	96.0%	97.8%	1.9%	< 1.0
Tetrachloroethene	95.8%	98.4%	2.7%	< 1.0
1,3-Dichloropropane	92.0%	94.8%	3.0%	< 1.0
Dibromochloromethane	93.8%	95.2%	1.5%	< 1.0
1,2-Dibromoethane	91.2%	93.8%	2.8%	< 1.0
Chlorobenzene	100%	103%	2.8%	< 1.0
1,1,1,2-Tetrachloroethane	100%	103%	2.6%	< 1.0
Ethyl benzene	96.2%	96.8%	0.6%	< 1.0
Xylenes, Total	100%	102%	1.6%	< 2.0
Styrene	96.4%	99.8%	3.5%	< 1.0
Bromoform	92.6%	94.2%	1.7%	< 2.0

TABLE 3
QC Report

Lab # associated with qc samples: W2079 through W2084
Matrix W2086 and W2087

Matrix Spike Duplicate Blank
Spike W2079 W2079

Date Analyzed: 1/9/08 1/9/08 1/9/08

Compound	% Rec	% Rec	RPD	ug/L
Isopropylbenzene	93.0%	94.6%	1.7%	< 1.0
1,1,2,2-Tetrachloroethane	96.4%	99.6%	3.3%	< 2.0
Bromobenzene	95.4%	99.6%	4.3%	< 1.0
1,2,3-Trichloropropane	97.4%	98.4%	1.0%	< 2.0
n-Propylbenzene	96.6%	99.2%	2.7%	< 1.0
2-Chlorotoluene	97.6%	100%	2.4%	< 1.0
1,3,5-Trimethylbenzene	98.0%	98.8%	0.8%	< 1.0
4-Chlorotoluene	96.0%	96.2%	0.2%	< 1.0
tert-Butylbenzene	91.8%	90.2%	1.8%	< 1.0
1,2,4-Trimethylbenzene	96.2%	97.4%	1.2%	< 1.0
sec-Butylbenzene	96.0%	97.2%	1.2%	< 1.0
1,3-Dichlorobenzene	100%	99.2%	1.2%	< 1.0
p-Isopropyltoluene	95.4%	96.2%	0.8%	< 1.0
1,4-Dichlorobenzene	99.8%	104%	4.3%	< 1.0
n-Butylbenzene	97.8%	98.4%	0.6%	< 1.0
1,2-Dichlorobenzene	97.2%	99.0%	1.8%	< 1.0
1,2-Dibromo-3-chloropropane	93.4%	103%	9.6%	< 2.0
1,3,5-Trichlorobenzene	94.8%	96.4%	1.7%	< 1.0
1,2,4-Trichlorobenzene	90.6%	94.4%	4.1%	< 1.0
Hexachlorobutadiene	95.8%	97.8%	2.1%	< 1.0
Naphthalene	87.0%	91.8%	5.4%	< 3.0
1,2,3-Trichlorobenzene	92.8%	95.6%	3.0%	< 1.0

Table 4

QC Results 1,4-Dioxane- January

TABLE 4
QC Report

Lab # associated with qc samples: W2079 through W2084
W2086 and W2087

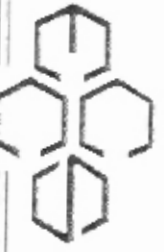
Matrix Spike	Matrix Spike Duplicate	LCS	Blank
W2079	W2079		

Date Extracted:	01/09/08	01/09/08	01/09/08	01/09/08
Date Analyzed:	01/09/08	01/09/08	01/09/08	01/09/08

Compound	% Rec		% Rec	RPD		% Rec	ug/L
1,4-Dioxane	122%		116%	5.0%		111%	< 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 WISCONSIN

No. **013391** *

Page 1 of 1

Turn Around (circle one) Normal Rush

Report Due:

Invoice To:

Company:

Address:

Mail Report To:

Company: *MARTIN & STUBBS*

Address:

Project Name: *KITHUNA GREENE*

Project Location: *CHYTHA SPAINS*

Address:

Sampled By (Print): *Shelby Paul*

P.O. No.:

Quote No.:

Sample Description	Collection		Matrix	Total Bottles	Preserv*	Analysis Requested	Comments	Laboratory Number			
	Date	Time									
<i>CSW-WA8-019</i>	<i>01/05/08</i>	<i>0812</i>	<i>W</i>	<i>4</i>	<i>A</i>	<i>1,4-Dioxane + 82008</i>		<i>W2079</i>			
<i>CSW-WA3-019</i>				<i>7</i>	<i>A/B</i>			<i>W2080</i>			
<i>CSW-F8-019</i>				<i>4</i>	<i>A</i>			<i>W2081</i>			
<i>CSW-WA1-019</i>				<i>8</i>	<i>A/B</i>			<i>W2082</i>			
<i>CSW-WA2-019</i>				<i>4</i>	<i>A</i>			<i>W2083</i>			
<i>CSW-WA5-015</i>				<i>4</i>	<i>A</i>			<i>W2084</i>			
<i>CSW-WA6-015</i>				<i>4</i>	<i>A</i>	<i>no primer</i>		<i>W2085</i>			
<i>CSW-TP-019</i>				<i>7</i>	<i>A/B</i>			<i>W2086</i>			
<i>Duplicate</i>				<i>8</i>	<i>A/B</i>			<i>W2087</i>			
<p>* Preservation Code A=None B=HCL C=H2SO4 D=HNO3 E=Encore F=Methanol G=NaOH O=Other(Indicate)</p>											
Relinquished By: <i>Shelby Paul</i>			Date/Time: <i>1/4/08 1100</i>			Received By: <i>Stephanie</i>			Date/Time: <i>01/05/08 1100</i>		
Relinquished By:			Date/Time:			Received By:			Date/Time:		
Custody Seal Present/Absent			Intact/Not Intact			Seal #'s			Receipt Temp		
Shipped Via						Temp Blank Y N <i>on ice</i>					

Appendix B

FEDEX shipping label for Columbia Analytical Services, Inc.

From Please print and print fast.
Date 01/10/08 Sender's FedEx Account Number 226281991
Sender's Name JOE KUBALE Phone (608) 545-1974
Company ECS, INC (KUHLMAN ELECTRIC)
Address 2525 ADVANCE RD
City MADISON State WI ZIP 53718

Your Internal Billing Reference
Five 24 characters will appear on invoice.
To
Recipient's Name SAMPLE CUSTODIAN Phone (360) 577-7222

Company COLUMBIA ANALYTICAL
Address
To: "HOLD" at FedEx location, print FedEx address. We cannot deliver to P.O. boxes or P.O. ZIP codes.
1317 South 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 day
 FedEx First Overnight Earliest next business morning delivery in select locations
 FedEx 2Day Second business day
 FedEx Express Saver Third business day
FedEx Envelope not available. Minimum charge: One-pound rate.

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
*Call for Confirmation. *Declared value limit \$500. Delivery commitment may be later in some areas.

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

6 Special Handling Include FedEx address in Section 8
 SATURDAY Delivery Available ONLY for FedEx Priority Overnight and FedEx 2Day 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?
 No Yes As per attached Shipper's Declaration Yes Shipper's Declaration not required
 Dry Ice Dry Ice, 6 UN 180 Cargo Aircraft Only
Dangerous Goods (including Dry Ice) cannot be shipped in FedEx packaging.

7 Payment Bill to: Sender FedEx Acct. No. or Credit Card No. Recipient Third Party Credit Card Cash/Check
 Sender FedEx Acct. No. in Section will be billed
 Recipient
 Third Party
 Credit Card
 Cash/Check

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 Release Signature Sign to authorize delivery without obtaining signatures.
 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.
 Fed. Doc 10/01 • Rev. 4/12/02 • 01254-2001 • FedEx • PRINTED IN U.S.A. WFSJ 07

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Appendix C

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



An Employee - Owned Company

1317 South 13th Ave. • Kelso, WA 98626 • (360) 577-7222 • (800) 695-7222x07 • FAX (360) 636-1088

PAGE 1 OF 1 SR#: COC #

CHAIN OF CUSTODY

PROJECT NAME: <u>Kia Huntley Electric</u>		PROJECT NUMBER: <u>702 KUGA10</u>																						
PROJECT MANAGER: <u>Joe Kugarc</u>		COMPANY ADDRESS: <u>Box 702, Kelso, WA</u>																						
CITY/STATE/ZIP: <u>Washouak WA 98716</u>		E-MAIL ADDRESS: <u>ees@csa-anal.com</u>																						
PHONE: <u>360-345-1994</u>		FAX: _____																						
SAMPLE SIGNATURE: <u>Charles M. Post</u>																								
SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS	SEMIVOLATILE ORGANICS BY GC/MS 625 <input type="checkbox"/> 8270 <input type="checkbox"/> 8270LL <input type="checkbox"/>	Volatile Organics 624 <input type="checkbox"/> 8260 <input checked="" type="checkbox"/>	8021 <input type="checkbox"/> BTEX <input type="checkbox"/>	Hydrocarbons (*see below) Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Oil <input type="checkbox"/>	<input type="checkbox"/> Fuel Fingerprint (FIQ) <input type="checkbox"/> NW-HCID Screen	Oil & Grease/TRPH 1664 HEM <input type="checkbox"/> 1664 SGT <input type="checkbox"/>	PCB's Aroclors <input type="checkbox"/> Congeners <input type="checkbox"/>	Pesticides/Herbicides 608 <input type="checkbox"/> 8081A <input type="checkbox"/> 8141A <input type="checkbox"/> 8151A <input type="checkbox"/>	Chlorophenolics - 8151M Tri <input type="checkbox"/> Tetra <input type="checkbox"/> PCP <input type="checkbox"/>	PAHS 8310 <input type="checkbox"/> SIM <input type="checkbox"/>	Metals, Total or Dissolved (See list below)	Cyanide <input type="checkbox"/> Hex-Chrom <input type="checkbox"/>	pH, Cond., Cl, SO ₄ , PO ₄ , F, NO ₂ , NO ₃ , BOD, TSS, TDS (circle)	NH ₃ -N, COD, Total-P, TKN, TOC, DOC (circle) NO ₂ +NO ₃	TOX 9020 <input type="checkbox"/> AOX 1650 <input type="checkbox"/> 506 <input type="checkbox"/>	REMARKS			
<u>CS-001-019</u>	<u>01/08/04</u>	<u>0800</u>		<u>W</u>	<u>6</u>		<u>+</u>																	
<u>Duplicate</u>	<u>01/08/04</u>			<u>W</u>	<u>4</u>																			
<u>TRP Blank</u>				<u>W</u>	<u>2</u>																			
<p>REPORT REQUIREMENTS</p> <p>____ I. Routine Report: Method Blank, Surrogate, as required</p> <p><input checked="" type="checkbox"/> II. Report Dup., MS, MSD as required</p> <p>____ III. Data Validation Report (includes all raw data)</p> <p>____ IV. CLP Deliverable Report</p> <p>____ V. EDD</p>																								
<p>RELINQUISHED BY:</p> <p>Signature: <u>Charles M. Post</u> Date/Time: <u>1/8/04</u></p> <p>Printed Name: _____ Firm: _____</p>						<p>RECEIVED BY:</p> <p>Signature: _____ Date/Time: _____</p> <p>Printed Name: _____ Firm: _____</p>						<p>RELINQUISHED BY:</p> <p>Signature: _____ Date/Time: _____</p> <p>Printed Name: _____ Firm: _____</p>						<p>RECEIVED BY:</p> <p>Signature: _____ Date/Time: _____</p> <p>Printed Name: _____ Firm: _____</p>						
<p>INVOICE INFORMATION</p> <p>P.O. # _____</p> <p>Bill To: <u>EECS</u></p>						<p>TURNAROUND REQUIREMENTS</p> <p>____ 24 hr. _____ 48 hr.</p> <p><input checked="" type="checkbox"/> 5 Day Standard (10-15 working days)</p> <p>____ Provide FAX Results</p> <p>Requested Report Date: _____</p>						<p>Circle which metals are to be analyzed:</p> <p>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</p> <p>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</p> <p>*INDICATE STATE HYDROCARBON PROCEDURE: AK CA WI NORTHWEST OTHER: _____ (CIRCLE ONE)</p> <p>SPECIAL INSTRUCTIONS/COMMENTS: <u>1.4 Dioxin and 0.5 pg/L Report limit</u> <u>8168 include 1,3,5-trichlorobenzene</u></p>												