

March 31, 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

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

March 31, 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 February 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– February

TABLE 1

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

VOLATILES	ug/L	W2099		W2100		W2101		W2102		W2103		W2104		W2105		W2106		W2107	
		CSW WA8 021	12-Feb-08 8:20	CSW WA3 021	12-Feb-08 8:35	CSW FB 021	12-Feb-08 9:10	CSW WA1 021	12-Feb-08 8:50	CSW WA2 021	12-Feb-08 9:05	CSW WA5 016	12-Feb-08 9:40	CSW WA6 016	12-Feb-08 10:05	CSW TP 021	12-Feb-08	CSW Duplicate	12-Feb-08
	Depth	Date Collected		Time Collected		Date Analyzed		Reporting Limit											
Xylenes, Total	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0
Styrene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
Bromoform	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	5.8	<	2.0
Isopropylbenzene	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	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0
Bromobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,2,3-Trichloropropane	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0
n-Propylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
2-Chlorotoluene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,3,5-Trimethylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
4-Chlorotoluene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
tert-Butylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,2,4-Trimethylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
sec-Butylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,3-Dichlorobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
p-Isopropyltoluene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,4-Dichlorobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
n-Butylbenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,2-Dichlorobenzene	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	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0	<	2.0
1,3,5-Trichlorobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
1,2,4-Trichlorobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
Hexachlorobutadiene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
Naphthalene	3.0	<	3.0	<	3.0	<	3.0	<	3.0	<	3.0	<	3.0	<	3.0	<	3.0	<	3.0
1,2,3-Trichlorobenzene	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0	<	1.0
Surrogates:																			
Dibromofluoromethane	%	104	104	105	105	99.9	103	103	103	96.9	103	103	96.9	104	104	104	104	104	104
Toluene-D8	%	106	96.2	105	105	97.0	102	102	97.0	97.0	97.8	97.8	104	105	105	105	105	105	105
4-Bromofluorobenzene	%	95.8	92.5	97.4	97.4	93.9	93.6	93.6	93.9	92.8	92.8	92.8	98.2	97.0	97.0	97.0	97.0	97.0	97.0

NC = Not collected.

Table 2

Sample Results 1,4-Dioxane– February

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

VOLATILES	Depth	Date Collected	W2099		W2100		W2101		W2102		W2103		W2104		W2105		W2106		W2107		
			CSW	WA8	CSW	WA3	CSW	FB	CSW	WA1	CSW	WA2	CSW	WA5	CSW	WA6	CSW	TP	CSW	CSW	CSW
			12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08	021	12-Feb-08
		Time Collected	8:20	8:35	9:10	8:50	9:05	9:40	9:05	9:05	9:40	9:40	9:40	9:40	10:05	10:05	10:05	10:05	10:05	10:05	10:05
		Date Analyzed	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08	13-Feb-08
		Reporting Limit																			
		ug/L																			
1,4-Dioxane	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	NC	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.0
Surrogates:																					
1,4-Dioxane-D8	%		86.9	82.1	85.4	88.6	91.4	84.4	91.4	91.4	84.4	84.4	84.4	NC	96.3	96.3	96.3	96.3	96.3	96.3	87.2

NC = Not collected.

Table 3

QC Results Volatiles– February

TABLE 3
QC Report

Lab # associated with qc samples: W2099 through W2104
Matrix W2106 and W2107

Matrix Spike Duplicate Blank
Spike W2100 W2100
Date Analyzed: 2/13/08 2/13/08 2/13/08

Compound	% Rec	% Rec	RPD	ug/L
Dichlorodifluoromethane	99.6%	95.6%	4.1%	< 1.0
Chloromethane	95.2%	93.8%	1.5%	< 1.0
Vinyl chloride	99.4%	95.4%	4.1%	< 1.0
Bromomethane	106%	100%	5.8%	< 1.0
Chloroethane	98.8%	94.8%	4.1%	< 1.0
Trichlorofluoromethane	101%	105%	3.9%	< 1.0
1,1-Dichloroethene	97.8%	103%	5.2%	< 1.0
Methylene chloride	112%	98.2%	13.1%	< 1.0
trans-1,2-Dichloroethene	103%	107%	3.8%	< 1.0
1,1-Dichloroethane	188%	189%	0.5%	< 1.0
cis-1,2-Dichloroethene	101%	101%	0.0%	< 1.0
2,2-Dichloropropane	99.4%	98.0%	1.4%	< 1.0
Bromochloromethane	96.4%	94.2%	2.3%	< 1.0
Chloroform	102%	102%	0.0%	< 1.0
1,1,1-Trichloroethane	104%	104%	0.0%	< 1.0
1,1-Dichloropropene	96.4%	98.6%	2.3%	< 1.0
Carbon tetrachloride	100%	101%	1.0%	< 1.0
Benzene	99.6%	102%	2.4%	< 1.0
1,2-Dichloroethane	95.0%	97.2%	2.3%	< 1.0
Trichloroethene	96.2%	99.8%	3.7%	< 1.0
1,2-Dichloropropane	95.6%	97.6%	2.1%	< 1.0
Dibromomethane	93.8%	94.8%	1.1%	< 1.0
Bromodichloromethane	95.2%	96.6%	1.5%	< 1.0
cis-1,3-Dichloropropene	86.8%	85.8%	1.2%	< 2.0
Toluene	100%	96.0%	4.1%	< 1.0
trans-1,3-Dichloropropene	85.4%	85.4%	0.0%	< 1.0
1,1,2-Trichloroethane	93.0%	90.4%	2.8%	< 1.0
Tetrachloroethene	96.2%	96.4%	0.2%	< 1.0
1,3-Dichloropropane	89.6%	88.8%	0.9%	< 1.0
Dibromochloromethane	88.6%	88.0%	0.7%	< 1.0
1,2-Dibromoethane	88.0%	87.0%	1.1%	< 1.0
Chlorobenzene	99.4%	101%	1.6%	< 1.0
1,1,1,2-Tetrachloroethane	96.2%	100%	3.9%	< 1.0
Ethyl benzene	95.6%	96.4%	0.8%	< 1.0
Xylenes, Total	97.1%	98.2%	1.1%	< 2.0
Styrene	94.0%	94.4%	0.4%	< 1.0
Bromoform	83.2%	85.0%	2.1%	< 2.0

TABLE 3
QC Report

Lab # associated with qc samples: W2099 through W2104
Matrix W2106 and W2107

Matrix Spike Duplicate Blank
Spike W2100 W2100
Date Analyzed: 2/13/08 2/13/08 2/13/08

Compound	% Rec	% Rec	RPD	ug/L
Isopropylbenzene	91.2%	91.6%	0.4%	< 1.0
1,1,2,2-Tetrachloroethane	91.0%	90.6%	0.4%	< 2.0
Bromobenzene	96.8%	95.8%	1.0%	< 1.0
1,2,3-Trichloropropane	94.2%	95.0%	0.8%	< 2.0
n-Propylbenzene	98.4%	97.6%	0.8%	< 1.0
2-Chlorotoluene	92.4%	93.8%	1.5%	< 1.0
1,3,5-Trimethylbenzene	96.8%	95.8%	1.0%	< 1.0
4-Chlorotoluene	99.0%	98.4%	0.6%	< 1.0
tert-Butylbenzene	92.6%	91.0%	1.7%	< 1.0
1,2,4-Trimethylbenzene	97.4%	95.8%	1.7%	< 1.0
sec-Butylbenzene	95.2%	95.0%	0.2%	< 1.0
1,3-Dichlorobenzene	98.4%	98.0%	0.4%	< 1.0
p-Isopropyltoluene	96.0%	95.4%	0.6%	< 1.0
1,4-Dichlorobenzene	99.4%	101%	1.6%	< 1.0
n-Butylbenzene	97.6%	98.6%	1.0%	< 1.0
1,2-Dichlorobenzene	97.0%	97.2%	0.2%	< 1.0
1,2-Dibromo-3-chloropropane	79.8%	85.0%	6.3%	< 2.0
1,3,5-Trichlorobenzene	91.6%	93.0%	1.5%	< 1.0
1,2,4-Trichlorobenzene	85.8%	89.0%	3.7%	< 1.0
Hexachlorobutadiene	92.0%	93.8%	1.9%	< 1.0
Naphthalene	82.0%	82.4%	0.5%	< 3.0
1,2,3-Trichlorobenzene	87.6%	88.4%	0.9%	< 1.0

Table 4

QC Results 1,4-Dioxane– February

TABLE 4
QC Report

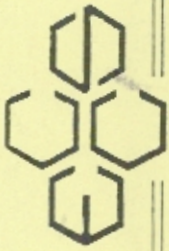
Lab # associated with qc samples: W2099 through W2104
W2106 and W2107

	Matrix Spike	Matrix Spike Duplicate	LCS	Blank
	W2100	W2100		
Date Extracted:	02/12/08	02/12/08	02/12/08	02/12/08
Date Analyzed:	02/13/08	02/13/08	02/13/08	02/13/08

Compound	% Rec	% Rec	RPD	% Rec	ug/L
1,4-Dioxane	89.3%	93.5%	4.6%	92.2%	< 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. **013418** *

Page 1 of 1

Turn Around (circle one) Normal Rush
Report Due:

Project Number		Mail Report To:		Quote No.:		Laboratory Number	
Project Name: KUTTMAN ELECTRIC		Company: MARTIN + STAGLE		Comments		WZ099	
Project Location: CRYSTAL SPRINGS		Address				WZ100	
Sampled By (Print): Chuck Paul						WZ101	
Sample Description	Collection		Matrix	Total Bottles	Preserv*	Analysis Requested	Laboratory Number
	Date	Time					
CSW-WA8-021	02/12/08	0820	W	4	A	1,4 Dioxine, PCBs, P200B	WZ099
CSW-WA3-021		0835		8	A/B		WZ100
CSW-FB-021		0910		4	A		WZ101
CSW-WA1-021		0850		14	A/B		WZ102
CSW-WA2-021		0905		4	A		WZ103
CSW-WA5-016		0940		4	A		WZ104
CSW-WA6-016							WZ105
CSW-TP-021		1005		8	A/B		WZ106
DUPLICATE				14	A/B		WZ107
Relinquished By: <i>Chuck Paul</i>		Date/Time: 2/12/08 1030		Received By: <i>Empirelab</i>		Date/Time: 02/12/08 1030	
Relinquished By:		Date/Time:		Received By:		Date/Time:	
*Preservation Code		intact/Not Intact		Receipt Temp		Temp Blank	
A=None B=HCL C=H2SO4		Y N		Y N		Y N	
D=HNO3 E=EnCore F=Methanol							
G=NaOH O=Other(Indicate)							
Custody Seal: Present/Absent							
Shipped Via:							

Appendix B

FEDEX shipping label for Columbia Analytical Services, Inc.

From Please print and print hard
Date 02/14/08 Sender's FedEx Account Number 226281991
Sender's Name Joe KUBALE Phone (608) 345-1974
Company GCS, INC
Address 2525 ADVANCE RD
City MADISON State WI ZIP 53718

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

To
Recipient's Name SAMPLE CUSTODIAN Phone (360) 577-7222
Company COLUMBIA ANALYTICAL
Address 1317 So 13th Ave
City KELSO State WA ZIP 98626

Try online shipping at fedex.com

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.

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or call 1.800.Go.FedEx® 800.463.3339

4a Express Package Service
 FedEx Priority Overnight Next business morning
 FedEx Standard Overnight Next business afternoon
 FedEx 2Day Second business day
 FedEx Express Saver Third business day
Packages up to 150 lbs. Delivery commitment may be later in some areas. Earliest next business morning delivery to select locations.

4b Express Freight Service
 FedEx 1Day Freight* Next business day
 FedEx 2Day Freight Second business day
 FedEx 3Day Freight Third business day
* Call for Confirmation

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

6 Special Handling
 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? (See back for restrictions)
 NO
 Yes As per attached Shipper's Declaration
 Yes Shipper's Declaration not required
 Dry Ice Dry Ice 5 UN 185
 Cargo Aircraft Only

7 Payment Bill to: (Circle FedEx, Recipient, or Third Party)
 Sender (Sender's Bill of Lading) I will be billed
 Recipient
 Third Party
 Credit Card
 Cash/Check

FedEx Account No. _____ Exp. Date _____
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 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.

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PROJECT NAME: KUTLUNDO ELECTRIC
 PROJECT NUMBER: _____
 PROJECT MANAGER: JOSEPH DURALE
 COMPANY ADDRESS: 2525 ADVANCE RD
 CITY/STATE/ZIP: MADISON WA 53715
 EMAIL ADDRESS: EDD@SARLAB.COM
 PHONE: 608-271-8300 FAX: _____
 SAMPLE'S SIGNATURE: Joseph Durale
 SAMPLE I.D.: _____ DATE: _____ TIME: _____ LAB I.D.: _____ MATRIX: _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX	NUMBER OF CONTAINERS		REMARKS
					Number of Containers	Number of Containers	
CSM-WM1-021	02/12/08	0850	WJ	5			
CSM-Duplicate	02/12/08	-	WJ	5			
THIS RISK	-	-	WJ	2			
<i>[Handwritten 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: _____
TURNAROUND REQUIREMENTS
 24 hr. _____ 48 hr. _____
 5 Day
 Standard (10-15 working days)
 Provide FAX Results
 Requested Report Date _____

ANALYSIS METHODS

Semivolatile Organics by GC/MS 625 <input type="checkbox"/> 8270 <input type="checkbox"/> 8270LL <input type="checkbox"/>	<input checked="" 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"/>				
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 checked="" 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"/>				
1,4-Dioxane P270 Silver				

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:
Must test by reporting level for 14 Divisions

RELINQUISHED BY:
 Signature: [Handwritten Signature]
 Date/Time: 2/14/08
 Printed Name: _____ Firm: _____

RECEIVED BY:
 Signature: _____
 Date/Time: _____
 Printed Name: _____ Firm: _____

RELINQUISHED BY:
 Signature: _____
 Date/Time: _____
 Printed Name: _____ Firm: _____

RECEIVED BY:
 Signature: _____
 Date/Time: _____
 Printed Name: _____ Firm: _____