

December 26, 2008

Analytical Report for Service Request No: K0811771

Joe Kabale Environmental Chemistry Consulting Services, Inc. 2525 Advance Rd. Madison, WI 53718

RE: Kuhlman Electric

Dear Joe:

Enclosed are the results of the samples submitted to our laboratory on December 04, 2008. For your reference, these analyses have been assigned our service request number K0811771.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.caslab.com. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3376. You may also contact me via Email at GSalata@caslab.com.

Respectfully submitted,

Columbia Analytical Services, Inc.

Gregory Salata, Ph.D.

Project Chemist

GS/lb

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Acronyms

ASTM American Society for Testing and Materials

A2LA American Association for Laboratory Accreditation

CARB California Air Resources Board

CAS Number Chemical Abstract Service registry Number

CFC Chlorofluorocarbon
CFU Colony-Forming Unit

DEC Department of Environmental Conservation

DEQ Department of Environmental Quality

DHS Department of Health Services

DOE Department of Ecology
DOH Department of Health

EPA U. S. Environmental Protection Agency

ELAP Environmental Laboratory Accreditation Program

GC Gas Chromatography

GC/MS Gas Chromatography/Mass Spectrometry

LUFT Leaking Underground Fuel Tank

M Modified

MCL Maximum Contaminant Level is the highest permissible concentration of a

substance allowed in drinking water as established by the USEPA.

MDL Method Detection Limit
MPN Most Probable Number
MRL Method Reporting Limit

NA Not Applicable
NC Not Calculated

NCASI National Council of the Paper Industry for Air and Stream Improvement

ND Not Detected

NIOSH National Institute for Occupational Safety and Health

PQL Practical Quantitation Limit

RCRA Resource Conservation and Recovery Act

SIM Selected Ion Monitoring

TPH Total Petroleum Hydrocarbons

tr Trace level is the concentration of an analyte that is less than the PQL but greater

than or equal to the MDL.

Inorganic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.

Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- B The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- E The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.
- * The duplicate analysis not within control limits. See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.

Organic Data Qualifiers

- * The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a chromatographic interference.
- X See case narrative.

Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

Columbia Analytical Services, Inc. Kelso, WA State Certifications, Accreditations, and Licenses

Program	Number
Alaska DEC UST	UST-040
Arizona DHS	AZ0339
Arkansas - DEQ	88-0637
California DHS	2286
Colorado DPHE	-
Florida DOH	E87412
Hawaii DOH	
Idaho DHW	-
Indiana DOH	C-WA-01
Louisiana DEQ	3016
Louisiana DHH	LA050010
Maine DHS	WA0035
Michigan DEQ	9949
Minnesota DOH	053-999-368
Montana DPHHS	CERT0047
Nevada DEP	WA35
New Jersey DEP	WA005
New Mexico ED	-
North Carolina DWQ	605
Oklahoma DEQ	9801
Oregon - DHS	WA200001
South Carolina DHEC	61002
Utah DOH	COLU
Washington DOE	C1203
Wisconsin DNR	998386840
Wyoming (EPA Region 8)	-







Case Narrative

Client:

Environmental Chemistry Consulting Services, Inc. Service Request No.:

Project:

Kuhlman Electric

Date Received:

K0811771 12/04/08

Sample Matrix:

Water

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier II data deliverables. When appropriate to the method, method blank results have been reported with each analytical test. Surrogate recoveries have been reported for all applicable organic analyses. Additional quality control analyses reported herein include: Matrix/Duplicate Matrix Spike (MS/DMS), and Laboratory Control Sample (LCS).

Sample Receipt

Seven water samples were received for analysis at Columbia Analytical Services on 12/04/08. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Volatile Organic Compounds by EPA Method 8260B

No anomalies associated with the analysis of these samples were observed.

1,4-dioxane by EPA Method 8270C

No anomalies associated with the analysis of these samples were observed.

Approved by

_Date/2/70/08

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Chain of Custody Documentation



Printed Name Firm	Charles O.M. Juli 18768 1400 Signature Date/Time	RE NOTES HED BY.	V. EDD	n 	III. Data Validation Report5		up., MS, MSD as	required	nod.	REPORT REQUIREMENTS P.O. #	*	The surve	KEP-6W-0208-006 12/2/08 1545	KEP-DulucATE 2 12/2/08 -	KEP-6W-020A-006 12/2/08 1500	XED-64-088-006 12/108 1705	KEP-DUPLICATE 1 12/168	A-006 12/1/68 1	E	SAMPLER'S SIGNATURE Charles O M. P.	PHONE # FAX #	E-MAIL ADDRESS E-MAIL ADDRESS	Company of the Compan	COMPANYADDRESS MARTIN & SIMO	PROJECTMANAGER ROBERT MARTIN	телетий поставующих поставлення в пределений в поставлений	PROJECT NAME KULTUMAN ELECT	1317 South 13th Ave.	Columbia Analytical Services:	
	Scotland	Requested Report Date		Standard (10-15 working days) Provide FAX Results	_5 Day	24 hr48 hr.	TIRNABOIND BEOIREMENTS		BILL WARREN	.#		£ Y	8	3	2	5	8	E	LABI.D. MATRIX / 8	JMBE	i R Cr	80				од Мандафаническую интернесу суственного выполняться по примененного выполняться в	O O O O O O O O O O O O O O O O O O O	 Kelso, WA 98626 	2	
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	Date Time						HER:(CIRCLE ONE)	Na Se Sr	Na Se Sr TI Sn V Zn										HEMIAHKS	// / / // /	leka	AO)	X 16 4	827	506	10 m		COC #	SR#: 1608 1177	

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Cooler Receipt and Preservation Form

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3. Were <u>custody seals</u> on coolers?		A (D	N Z	•		nd where? /		1 0	/Y/-4					
If present, were custody seals in		\bigcirc	N			they signed an	1		0	N				
4. Is shipper's air-bill filed? If not		-bill number:			,	and) orginal ar	ra autoa.	NA	A	И 14				
4.4			and the second s			-		_ ' ' ' '	9	. 1				
5. Temperature of cooler(s) upon	receipt (°	C):	32						Trada and a service of					
Temperature Blank (°C):		SARKASANIN NO.	1. 7			Annual Market Control of the Control								
6. If applicable, list Chain of Custo	dy Number	rs:						and the same of th						
7. Packing material used. <i>Inserts</i>	Baggies	Bubble W	Tap Gel I	Packs W	et Toe	Teeves Othe	?r							
8. Were custody papers properly fil	led out (inl	k, signed, etc.	.)?			Take o Super Jan-		NA	G/	N				
9. Did all bottles arrive in good co	ondition (u	inbroken)?	Indicate in	the table b	elow.			NA	(D)	N				
10. Were all sample labels complete	(i.e analys	sis, preservati	on, etc.)?					NA	(1)	N				
11. Did all sample labels and tags ag	gree with co	ustody papers	? Indicate	in the table	e below	!		NA	\bigcirc	N				
. Were appropriate bottles/containers and volumes received for the tests indicated? NA NA NA NA NA NA NA NA NA N														
. Were the pH-preserved bottles tested* received at the appropriate pH? Indicate in the table below Y														
14. Were VOA vials and 1631 Merc	ury bottles	received with	hout headsp	ace? <i>Indic</i>	ate in the	e table below.		NA	0	N				
15. Are CWA Microbiology sampl	es received	d with $>1/2$ th	he 24hr. ho	ld time re	maining	from collecti	on?	(A)	Y	Ν				
16. Was C12/Res negative?									Y	Ν				
Sample ID on Bottle	Samp	ole ID on COC	-	Sampl	e ID on B	ottle	Sa	mple ID on						
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Sample ID	Bottle Count	Bottle Type	Out of Hea	id- ce Broken	рН	Reagent	Volume added	Reagent Numbe		Initials				
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Volatile Organic Compounds EPA Method 8260B

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018A-006

Lab Code:

K0811771-001

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloromethane	ND	U	0.50	7	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND	U	0.50	Person.	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	42		0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	0.54		0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND	U	0.50	pace	12/12/08	12/12/08	KWG0813340	
Chloroform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Benzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Toluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane	0.72		0.50	1	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK)	ND		20	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

Page SuperSet Reference:

1 of 3

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018A-006

Lab Code:

K0811771-001

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Tetrachloroethene (PCE)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	***************************************
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	imoni i	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	790	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0,50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	-	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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Page 2 of 3

SuperSet Reference:

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018A-006

Lab Code:

Units: ug/L Basis: NA

K0811771-001

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
Dibromofluoromethane	92	75-120	12/12/08	Acceptable	
Toluene-d8	100	80-128	12/12/08	Acceptable	
4-Bromofluorobenzene	97	75-117	12/12/08	Acceptable	

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982 Page 3 of 3

Analytical Results

Client: Environmental Chemistry Consulting Servi

Project: Kuhlman Electric

Sample Matrix: Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name: KEP-Duplicate 1 Lab Code: K0811771-002

an Cour. 10011//1-002

Extraction Method: Analysis Method:

EPA 5030B 8260B Units: ug/L Basis: NA

Level: Low

Dichlorodifluoromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Vinyl Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichlorofluoromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Acetone ND U 20 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50				Dilut	ion Date	Date	Extraction	
Chloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Vinyl Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichlorofluoromethane ND U 20 1 12/12/08 12/12/08 KWG0813340 Acetone ND U 20 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 <	Analyte Name	Result (Q MRL	Fact	or Extracted	Analyzed	Lot	Note
Vinyl Chloride ND U 0.50 1 12/12/08 KWG0813340 Bromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichlorofluoromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Acetone ND U 20 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1	Dichlorodifluoromethane	ND I	U 0.50	1	12/12/08	12/12/08	KWG0813340	000000000000000000000000000000000000000
Bromomethane	Chloromethane	ND I	U 0.50	permed	12/12/08	12/12/08		
Chloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichlorofluoromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Acetone ND U 20 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50	Vinyl Chloride	ND U	U 0.50	a const	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Acetone ND U 20 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 KWG0813340	Bromomethane	ND U	U 0.50	1	12/12/08			
Acetone ND U 20 1 12/12/08 L2/12/08 KWG0813340 1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Chloroethane	ND U	U 0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene 42 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 KWG0813340	Trichlorofluoromethane	ND U	U 0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Acetone	ND U		1				
Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	1,1-Dichloroethene	42	0.50	1	12/12/08			
trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Carbon Disulfide	ND U	U 0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane 0.54 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Methylene Chloride	ND U	U 0.50	1	12/12/08			
2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	trans-1,2-Dichloroethene	ND U		1				
2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	1,1-Dichloroethane	0.54	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340	. ,			1				
Chloroform ND U 0.50 1 12/12/08 I2/12/08 KWG0813340				1				
1,00	cis-1,2-Dichloroethene	ND U	U 0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340								
		ND U	J 0.50	1	12/12/08			
1,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 KWG0813340	1,1,1-Trichloroethane (TCA)	ND U	J 0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340		ND U		1				
Carbon Tetrachloride ND U 0.50 1 12/12/08 I2/12/08 KWG0813340	Carbon Tetrachloride	ND U	J 0.50	1	12/12/08	12/12/08		
1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 KWG0813340	1,2-Dichloroethane (EDC)	ND U	U 0.50	1	12/12/08	12/12/08	KWG0813340	
Benzene ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Benzene	ND U	J 0.50	1	12/12/08	12/12/08		
Trichloroethene (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Trichloroethene (TCE)	ND (J 0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane ND U 0.50 1 12/12/08 KWG0813340	1,2-Dichloropropane	ND U	J 0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane ND U 0.50 1 12/12/08 KWG0813340				Î	12/12/08			
Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Dibromomethane			1				
2-Hexanone ND U 20 1 12/12/08 KWG0813340	2-Hexanone	ND U	J 20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340	* *			1				
Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340	Toluene	ND U	J 0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340	trans-1,3-Dichloropropene	ND U	J 0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane 0.73 0.50 1 12/12/08 KWG0813340				1				
4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340		ND U	J 20	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340	1,3-Dichloropropane	ND U	J 0.50	1	12/12/08	12/12/08	KWG0813340	

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code:

KEP-Duplicate 1 K0811771-002

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	0	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND	NEW DESCRIPTION OF THE PERSON NAMED IN COLUMN 1	0.50	1	12/12/08	12/12/08	KWG0813340	T A CA E CO
Dibromochloromethane	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	. 0.50	bornes	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	The state of the s	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	· ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND		0.50	. 1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

Page SuperSet Reference:

RR96982

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code:

KEP-Duplicate 1

K0811771-002

Units: ug/L Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	92	75-120	12/12/08	Acceptable
Toluene-d8	98	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	95	75-117	12/12/08	Acceptable

Comments:

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Form 1A - Organic

Page 3 of 3

SuperSet Reference: RR96982

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018B-006

Lab Code:

K0811771-003

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Dichlorodifluoromethane	ND	U	0.50	. 1	12/12/08	12/12/08	KWG0813340	
Chloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	19		0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Benzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	***************************************
Toluene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK)	ND		20	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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SuperSet Reference: RR96982

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018B-006

Lab Code:

K0811771-003

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Tetrachloroethene (PCE)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND	U	0.50	- 1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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SuperSet Reference:

RR96982

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-018B-006

Lab Code:

K0811771-003

Units: ug/L Basis: NA

Surrogate Name
Dibromofluoromethane 92 75-120 12/12/08 Acceptable
Toluene-d8 98 80-128 12/12/08 Acceptable
4-Bromofluorobenzene 96 75-117 12/12/08 Acceptable

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-020A-006

Lab Code:

K0811771-004

Extraction Method: Analysis Method:

EPA 5030B

8260B

Units: ug/L Basis: NA

Level: Low

KWG0813340

12/12/08

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				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Dichlorodifluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND	U	0.50	Toward.	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	1.1		0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND	U	0.50	query d	12/12/08	12/12/08	KWG0813340	
Chloroform	ND	U	0.50	Strowk	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

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Comments:	

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1,1,1-Trichloroethane (TCA)

1,2-Dichloroethane (EDC)

1,1-Dichloropropene

Carbon Tetrachloride

Trichloroethene (TCE)

Bromodichloromethane

cis-1,3-Dichloropropene

trans-1,3-Dichloropropene

4-Methyl-2-pentanone (MIBK)

1,1,2-Trichloroethane

1.3-Dichloropropane

1,2-Dichloropropane

Dibromomethane

2-Hexanone

Toluene

Benzene

Merged

Form 1A - Organic

20

Page 1 of 3

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Analytical Results

Client: Environmental Chemistry Consulting Servi

Project: Kuhlman Electric

Water Sample Matrix:

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Units: ug/L

Basis: NA

Volatile Organic Compounds

MRL

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KEP-GW-020A-006 Sample Name: Lab Code: K0811771-004

Extraction Method: Analysis Method:

Tetrachloroethene (PCE)

1,2-Dibromoethane (EDB)

1.1.1.2-Tetrachloroethane

1,1,2,2-Tetrachloroethane

1.2.3-Trichloropropane

1,3,5-Trimethylbenzene

1,2,4-Trimethylbenzene

Dibromochloromethane

Analyte Name

Chlorobenzene

Ethylbenzene

m.p-Xylenes

Bromoform

Isopropylbenzene

Bromobenzene

n-Propylbenzene

2-Chlorotoluene

4-Chlorotoluene

tert-Butylbenzene

sec-Butvlbenzene

1.3-Dichlorobenzene

1.4-Dichlorobenzene

1.2-Dichlorobenzene

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

Hexachlorobutadiene

1,3,5-Trichlorobenzene

4-Isopropyltoluene

n-Butylbenzene

Naphthalene

o-Xvlene

Styrene

EPA 5030B

Result O

ND U

ND II

ND U

8260B

Level: Low Extraction Date Analyzed Lot Note KWG0813340 12/12/08 12/12/08 KWG0813340 KWG0813340 12/12/08 12/12/08 KWG0813340 KWG0813340 12/12/08 KWG0813340 12/12/08 12/12/08 KWG0813340 KWG0813340 12/12/08 KWG0813340 12/12/08 KWG0813340 12/12/08 12/12/08 KWG0813340 KWG0813340 12/12/08 KWG0813340 12/12/08 KWG0813340 12/12/08 12/12/08 KWG0813340 12/12/08 KWG0813340 KWG0813340 12/12/08 12/12/08 KWG0813340

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Comments:	

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-020A-006

Lab Code:

K0811771-004

Units: ug/L Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	91	75-120	12/12/08	Acceptable
Toluene-d8	98	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	96	75-117	12/12/08	Acceptable

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982 Page 3 of 3

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code:

KEP-Duplicate 2

Extraction Method:

K0811771-005

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	Ω	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	MARKE CONTRACTOR	0.50	racivi 1	12/12/08	12/12/08	KWG0813340	14056
Chloromethane	ND ND		0.50	JL.	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND	-	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND		20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	0.98	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND	TT	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND	***************************************	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroform	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride	ND ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Benzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane	ND		0,50	1	12/12/08	12/12/08	KWG0813340	
Dibromomethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Toluene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK)	ND		20	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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SuperSet Reference: RR96982

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code:

KEP-Duplicate 2 K0811771-005

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	0	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	terransconductiva-institution
Dibromochloromethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	Borrel	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	ркиоч	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

Page 2 of 3

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project: Sample Matrix: Kuhlman Electric

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code:

KEP-Duplicate 2

K0811771-005

Units: ug/L Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	92	75-120	12/12/08	Acceptable
Toluene-d8	99	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	95	75-117	12/12/08	Acceptable

Comments:

Printed: 12/19/2008 13:13:18

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Form 1A - Organic Merged

SuperSet Reference:

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Analytical Results

Client: Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-020B-006

Lab Code:

K0811771-006

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	Λ	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Dichlorodifluoromethane	ND	CONTRACTOR OF THE PARTY OF	0.50	l actui	12/12/08	12/12/08	KWG0813340	TAREF
Chloromethane	ND ND		0.50	24 ****	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND ND		0.50	<u></u> 100	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND		20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	20	•	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND	II	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND		0.50	ĩ	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND	U	0.50	Toward,	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC)	ND	U	0.50	Ĺ	12/12/08	12/12/08	KWG0813340	
Benzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Toluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK)		U	20	16.04	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

Page 1 of 3

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-020B-006

Lab Code:

K0811771-006

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name	Result	O	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Note
Tetrachloroethene (PCE)	ND	AND DESCRIPTION OF THE PARTY OF	0.50		12/12/08	12/12/08	KWG0813340	
Dibromochloromethane	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0,50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

KEP-GW-020B-006

Lab Code:

K0811771-006

Units: ug/L Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	91	75-120	12/12/08	Acceptable
Toluene-d8	99	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	97	75-117	12/12/08	Acceptable

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982 Page 3 of 3

Analytical Results

Client: Environmental Chemistry Consulting Servi

Project: Kuhlman Electric

Sample Matrix: Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name: Lab Code: Trip Blank K0811771-007

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

		and 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Dichlorodifluoromethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloromethane	ND U	0.50	Toward To	12/12/08	12/12/08	KWG0813340	
Vinyl Chloride	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromomethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichlorofluoromethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	ND U	20	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Methylene Chloride	ND U	0,50	1	12/12/08	12/12/08	KWG0813340	
trans-1,2-Dichloroethene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK)	ND U	20	1	12/12/08	12/12/08	KWG0813340	
2,2-Dichloropropane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroform	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA)	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloropropene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC)	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Benzene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE)	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromomethane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone	ND U	20	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
Toluene	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene	ND U	0.50)ad	12/12/08	12/12/08	KWG0813340	
1,1,2-Trichloroethane	ND U	0.50	pose u	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK)	ND U	20	posse	12/12/08	12/12/08	KWG0813340	
1,3-Dichloropropane	ND U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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SuperSet Reference: RR96982

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

Trip Blank

Lab Code:

K0811771-007

Extraction Method:

EPA 5030B

Units: ug/L Basis: NA

Level: Low

Analysis Method: 8260B

		٠,	Part Const.	Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Tetrachloroethene (PCE)	ND	U	0.50	İ	12/12/08	12/12/08	KWG0813340	200000000000000000000000000000000000000
Dibromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND	U	0,50	1	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	Ŭ	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND		0.50	Ī	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND		0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

Volatile Organic Compounds

Sample Name:

Trip Blank

Lab Code:

K0811771-007

Units: ug/L

Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	93	75-120	12/12/08	Acceptable
Toluene-d8	98	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	95	75-117	12/12/08	Acceptable

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982

Page 3 of 3

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: NA

Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code:

Method Blank

KWG0813340-4

Extraction Method: Analysis Method:

EPA 5030B

8260B

Units: ug/L Basis: NA

Level: Low

Analyte Name					Dilution	Date	Date	Extraction	
Chloromethane	Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Vinyl Chloride	Dichlorodifluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	Constitutional Constitution Constitution
Bromomethane	Chloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chloroethane ND U 0.50 1 12/12/08 £WG0813340 Trichlorofluoromethane ND U 0.50 1 12/12/08 £WG0813340 Acetone ND U 20 1 12/12/08 £WG0813340 I,1-Dichloroethene ND U 0.50 1 12/12/08 £WG0813340 Carbon Disulfide ND U 0.50 1 12/12/08 £WG0813340 Methylene Chloride ND U 0.50 1 12/12/08 £WG0813340 Methylene Chloride ND U 0.50 1 12/12/08 £WG0813340 Hethylene Chloride ND U 0.50 1 12/12/08 £WG0813340 1,1-Dichloroethane ND U 0.50 1 12/12/08 £WG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 £WG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 £WG0813340 Chloroform ND U 0.50 1 12/12/08 £WG0813340 <	Vinyl Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroffluoromethane	Bromomethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Acetone	Chloroethane	ND	U	0.50	1	12/12/08	12/12/08		
1,1-Dichloroethene	Trichlorofluoromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Carbon Disulfide ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Methylene Chloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Picholrorothane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Pichloroethane (TCA) ND U					1				
Methylene Chloride ND U 0.50 1 12/12/08 KWG0813340 trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 1,1-Dichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloropropane ND U 0.50 1 12/12/08 KWG0813340 cis-1,2-Dichlorothene ND U 0.50 1 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 <	1,1-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08		
trans-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Promochloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Trichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropene ND U	Carbon Disulfide	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1-Dichloroethane	Methylene Chloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Butanone (MEK) ND U 20 1 12/12/08 12/12/08 KWG0813340 2,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromochloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Benzene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloroethane (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 I,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Li,2-Trichloroethane ND U 0.50 1 12/12/08 KWG0813340	trans-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08		
2,2-Dichloropropane ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 Bromochloromethane ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 1,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 Carbon Tetrachloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 L,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichloroethene (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 L,2-Dichloropropane ND U <td>1,1-Dichloroethane</td> <td>ND</td> <td>U</td> <td>0.50</td> <td>1</td> <td>12/12/08</td> <td>12/12/08</td> <td>KWG0813340</td> <td></td>	1,1-Dichloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,2-Dichloroethene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromochloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane	2-Butanone (MEK)	ND	U	20	1	12/12/08			
Chloroform ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 KW	2,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromochloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,1-Trichloroethane (TCA) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Carbon Tetrachloride ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Benzene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichloroethene (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U </td <td>cis-1,2-Dichloroethene</td> <td>ND</td> <td>U</td> <td>0.50</td> <td>1</td> <td>12/12/08</td> <td>12/12/08</td> <td>KWG0813340</td> <td></td>	cis-1,2-Dichloroethene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1-Trichloroethane (TCA) ND U 0,50 1 12/12/08 12/12/08 KWG0813340 1,1-Dichloropropene ND U 0,50 1 12/12/08 12/12/08 KWG0813340 Carbon Tetrachloride ND U 0,50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0,50 1 12/12/08 12/12/08 KWG0813340 Benzene ND U 0,50 1 12/12/08 12/12/08 KWG0813340 Trichloroethene (TCE) ND U 0,50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0,50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0,50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane ND U 0,50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 0,50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U					1				
1.1-Dichloropropene	Bromochloromethane	ND	U	0.50	, is	12/12/08	12/12/08	KWG0813340	
Carbon Tetrachloride ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Benzene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Trichloroethene (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane N	1,1,1-Trichloroethane (TCA)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloroethane (EDC) ND U 0.50 1 12/12/08 12/12/08 KWG0813340		ND	U	0.50	1	12/12/08			
Benzene	Carbon Tetrachloride	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Trichloroethene (TCE) ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,2-Dichloropropane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 0.50 1 12/12/08 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	1,2-Dichloroethane (EDC)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichloropropane ND U 0.50 1 12/12/08 L2/12/08 KWG0813340 Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 20 1 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340		ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromodichloromethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 20 1 12/12/08 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	Trichloroethene (TCE)	ND	U	0.50	1	12/12/08	12/12/08		
Dibromomethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 2-Hexanone ND U 20 1 12/12/08 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	1,2-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Hexanone ND U 20 1 12/12/08 12/12/08 KWG0813340 cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	Bromodichloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
cis-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	Dibromomethane	ND	U	0.50	1	12/12/08	12/12/08		
Toluene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 12/12/08 KWG0813340	2-Hexanone	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
trans-1,3-Dichloropropene ND U 0.50 1 12/12/08 12/12/08 KWG0813340 1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 12/12/08 KWG0813340				0.50	1	12/12/08			
1,1,2-Trichloroethane ND U 0.50 1 12/12/08 12/12/08 KWG0813340 4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 12/12/08 KWG0813340	Toluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Methyl-2-pentanone (MIBK) ND U 20 1 12/12/08 KWG0813340	trans-1,3-Dichloropropene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
		ND	U	0.50	1	12/12/08	12/12/08		
1,3-Dichloropropane ND U 0.50 1 12/12/08 KWG0813340	4-Methyl-2-pentanone (MIBK)	ND	U	20	1	12/12/08	12/12/08	KWG0813340	
	1,3-Dichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

Page 1 of 3

SuperSet Reference: RR96982

Analytical Results

Client: Environmental Chemistry Consulting Servi

Project: Kuhlman Electric

Sample Matrix: Water

Service Request: K0811771

Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Lab Code: Method Blank KWG0813340-4

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

				Dilution	Date	Date	Extraction	
Analyte Name	Result	Q	MRL	Factor	Extracted	Analyzed	Lot	Note
Tetrachloroethene (PCE)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Dibromochloromethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromoethane (EDB)	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Chlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,1,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Ethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
m,p-Xylenes	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
o-Xylene	ND	U	0.50	Tables	12/12/08	12/12/08	KWG0813340	
Styrene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromoform	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Isopropylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,1,2,2-Tetrachloroethane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichloropropane	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Bromobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Propylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
2-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Chlorotoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3,5-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
tert-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trimethylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
sec-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,3-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
4-Isopropyltoluene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,4-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
n-Butylbenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2-Dibromo-3-chloropropane	ND	U	2.0	1	12/12/08	12/12/08	KWG0813340	
1,2,4-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
1,2,3-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Naphthalene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	
Hexachlorobutadiene	ND	U	0.50	7002	12/12/08	12/12/08	KWG0813340	
1,3,5-Trichlorobenzene	ND	U	0.50	1	12/12/08	12/12/08	KWG0813340	

Comments:

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Form 1A - Organic

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Page 2 of 3

SuperSet Reference: RR96982

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name:

Method Blank

Lab Code:

KWG0813340-4

Units: ug/L Basis: NA

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
Dibromofluoromethane	93	75-120	12/12/08	Acceptable
Toluene-d8	98	80-128	12/12/08	Acceptable
4-Bromofluorobenzene	96	75-117	12/12/08	Acceptable

Comments:

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Form 1A - Organic

SuperSet Reference: RR96982

Page 3 of 3

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Surrogate Recovery Summary Volatile Organic Compounds

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Service Request: K0811771

Units: PERCENT

Level: Low

Sample Name	Lab Code	<u>Sur1</u>	Sur2	<u>Sur3</u>
KEP-GW-018A-006	K0811771-001	92	100	97
KEP-Duplicate 1	K0811771-002	92	98	95
KEP-GW-018B-006	K0811771-003	92	98	96
KEP-GW-020A-006	K0811771-004	91	98	96
KEP-Duplicate 2	K0811771-005	92	99	95
KEP-GW-020B-006	K0811771-006	91	99	97
Trip Blank	K0811771-007	93	98	95
Method Blank	KWG0813340-4	93	98	96
Batch QC	K0811769-001	92	98	97
Batch QCMS	KWG0813340-1	91	100	97
Batch QCDMS	KWG0813340-2	92	99	95
Lab Control Sample	KWG0813340-3	92	99	95

Surrogate Recovery Control Limits (%)

C . 1	TO 11 Of 11	## 100
Suri =	Dibromofluoromethane	75-120
Sur2 =	Toluene-d8	80-128
Sur3 =	4-Bromofluorobenzene	75-117

Results flagged with an asterisk (*) indicate values outside control criteria. Results flagged with a pound (#) indicate the control criteria is not applicable.

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Form 2A - Organic

Page 1 of 1

SuperSet Reference:

RR96982

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Extracted: 12/12/2008

Date Analyzed: 12/12/2008

Matrix Spike/Duplicate Matrix Spike Summary Volatile Organic Compounds

Sample Name:

Batch QC

Lab Code:

K0811769-001

Extraction Method: Analysis Method:

EPA 5030B

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: KWG0813340

Batch OCMS

Batch OCDMS

	Sample	KWG0813340-1 Matrix Spike			KV D uplio	%Rec	RPD			
Analyte Name	Result	Result	Expected	%Rec	Result	Expected	%Rec	Limits	RPD	Limit
1,1-Dichloroethene	1.7	15.4	10.0	137	14.5	10.0	128	67-147	6	30
Benzene	ND	11.1	10.0	111	10.6	10.0	106	69-126	4	30
Trichloroethene (TCE)	ND	10.7	10.0	107	10.4	10.0	104	56-137	3	30
Toluene	ND	11.4	10.0	114	11.0	10.0	110	66-128	3	30
Chlorobenzene	ND	10.3	10.0	103	9.71	10.0	97	68-120	6	30
1,2-Dichlorobenzene	ND	9.82	10.0	98	9.52	10.0	95	67-116	3	30
Naphthalene	ND	10.1	10.0	101	10.1	10.0	101	61-137	1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Form 3A - Organic

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SuperSet Reference:

RR96982

Page

1 of 1

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Extracted: 12/12/2008 **Date Analyzed:** 12/12/2008

Lab Control Spike Summary Volatile Organic Compounds

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: KWG0813340

Lab Control Sample KWG0813340-3

Name Result Expected %Rec Limits
Chloromethane 8.70 10.0 87 45-135 Vinyl Chloride 11.0 10.0 110 59-135 Bromomethane 8.90 10.0 89 24-144 Chloroethane 9.20 10.0 92 60-128 Trichlorofluoromethane 9.25 10.0 93 54-129 Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Vinyl Chloride 11.0 10.0 110 59-135 Bromomethane 8.90 10.0 89 24-144 Chloroethane 9.20 10.0 92 60-128 Trichlorofluoromethane 9.25 10.0 93 54-129 Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Bromomethane 8.90 10.0 89 24-144 Chloroethane 9.20 10.0 92 60-128 Trichlorofluoromethane 9.25 10.0 93 54-129 Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Chloroethane 9.20 10.0 92 60-128 Trichlorofluoromethane 9.25 10.0 93 54-129 Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Trichlorofluoromethane 9.25 10.0 93 54-129 Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Acetone 57.2 50.0 114 53-129 1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
1,1-Dichloroethene 11.7 10.0 117 70-136 Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
Carbon Disulfide 19.1 20.0 95 64-129 Methylene Chloride 10.2 10.0 102 64-137 trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
trans-1,2-Dichloroethene 10.2 10.0 102 70-121 1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
1,1-Dichloroethane 9.28 10.0 93 72-122 2-Butanone (MEK) 56.6 50.0 113 56-137
2-Butanone (MEK) 56.6 50.0 113 56-137
·
2,2-Dichloropropane 9.17 10.0 92 48-133
cis-1,2-Dichloroethene 9.57 10.0 96 76-125
Chloroform 8.62 10.0 86 71-118
Bromochloromethane 9.40 10.0 94 72-123
1,1,1-Trichloroethane (TCA) 9.14 10.0 91 65-126
1,1-Dichloropropene 9.49 10.0 95 71-119
Carbon Tetrachloride 9.07 10.0 91 58-133
1,2-Dichloroethane (EDC) 9.69 10.0 97 69-125
Benzene 9.68 10.0 97 74-118
Trichloroethene (TCE) 9.47 10.0 95 71-122
1,2-Dichloropropane 9.37 10.0 94 73-123
Bromodichloromethane 9.54 10.0 95 72-127
Dibromomethane 9.00 10.0 90 71-124
2-Hexanone 48.0 50.0 96 44-135
cis-1,3-Dichloropropene 9.41 10.0 94 71-125
Toluene 9.43 10.0 94 74-117
trans-1,3-Dichloropropene 8.60 10.0 86 56-121
1,1,2-Trichloroethane 9.16 10.0 92 73-122
4-Methyl-2-pentanone (MIBK) 49.3 50.0 99 57-129
1,3-Dichloropropane 9.42 10.0 94 74-120
Tetrachloroethene (PCE) 9.17 10.0 92 65-121
Dibromochloromethane 9.57 10.0 96 67-124

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Form 3C - Organic

Page 1 of 2

SuperSet Reference:

RR96982

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Extracted: 12/12/2008 **Date Analyzed:** 12/12/2008

Lab Control Spike Summary Volatile Organic Compounds

Extraction Method:

EPA 5030B

Analysis Method:

8260B

Units: ug/L Basis: NA

Level: Low

Extraction Lot: KWG0813340

Lab Control Sample KWG0813340-3 Lab Control Spike

	Lab	Control Spik	introi Spike	
Analyte Name	Result	Expected	%Rec	Limits
1,2-Dibromoethane (EDB)	9.44	10.0	94	71-120
Chlorobenzene	9.20	10.0	92	74-115
1,1,1,2-Tetrachloroethane	9.41	10.0	94	71-118
Ethylbenzene	9.44	10.0	94	71-118
m,p-Xylenes	18.9	20.0	95	73-119
o-Xylene	9.26	10.0	93	74-120
Styrene	9.36	10.0	94	75-123
Bromoform	9.36	10.0	94	57-135
Isopropylbenzene	8.49	10.0	85	65-110
1,1,2,2-Tetrachloroethane	9.10	10.0	91	63-126
1,2,3-Trichloropropane	9.07	10.0	91	67-123
Bromobenzene	9.33	10.0	93	76-111
n-Propylbenzene	9.26	10.0	93	69-122
2-Chlorotoluene	9.28	10.0	93	72-120
4-Chlorotoluene	9.10	10.0	91	70-118
1,3,5-Trimethylbenzene	9.22	10.0	92	70-120
tert-Butylbenzene	9.38	10.0	94	72-118
1,2,4-Trimethylbenzene	9.44	10.0	94	72-121
sec-Butylbenzene	9.86	10.0	99	73-130
1,3-Dichlorobenzene	9.11	10.0	91	76-110
4-Isopropyltoluene	9.17	10.0	92	67-115
1,4-Dichlorobenzene	9.16	10.0	92	74-112
n-Butylbenzene	9.13	10.0	91	62-123
1,2-Dichlorobenzene	9.05	10.0	91	75-110
1,2-Dibromo-3-chloropropane	9.21	10.0	92	49-124
1,2,4-Trichlorobenzene	9.54	10.0	95	66-115
1,2,3-Trichlorobenzene	9.46	10.0	95	64-120
Naphthalene	9.43	10.0	94	58-132
Hexachlorobutadiene	9.67	10.0	97	61-124
1,3,5-Trichlorobenzene	35.3	40.0	88	46-133

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Form 3C - Organic

Page 2 of 2

Semi-Volatile Organic Compounds EPA Method 8270C

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

1,4-Dioxane by GC/MS

Sample Name:

KEP-GW-018A-006

Lab Code:

K0811771-001

Extraction Method:

EPA 3510C

Analysis Method:

8270C SIM

Units: ug/L

Basis: NA

Level: Low

			Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
1,4-Dioxane	3.8	0.50	1	12/08/08	12/23/08	KWG0813119	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,4-Dioxane-d8	94	55-100	12/23/08	Acceptable

Comments:

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

1,4-Dioxane by GC/MS

Sample Name: Lab Code:

KEP-Duplicate 1 K0811771-002

Extraction Method:

1,4-Dioxane

EPA 3510C

Analysis Method:

8270C SIM

Units: ug/L

Basis: NA

Level: Low

Analyte	Name		

Dilution Date Date **Extraction** MRL Factor Extracted Analyzed Result Q Lot Note 0.50 1 12/08/08 12/23/08 KWG0813119 3.8

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
1,4-Dioxane-d8	80	55-100	12/23/08	Acceptable	

Comments:

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

1,4-Dioxane by GC/MS

Sample Name:

KEP-GW-018B-006

Lab Code:

K0811771-003

Units: ug/L Basis: NA

Extraction Method:

EPA 3510C

Level: Low

Analysis Method:

8270C SIM

			Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
1,4-Dioxane	ND U	0.50	1	12/08/08	12/23/08	KWG0813119	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
1,4-Dioxane-d8	69	55-100	12/23/08	Acceptable	

Comments:

42

SuperSet Reference:

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

1,4-Dioxane by GC/MS

Sample Name:

KEP-GW-020A-006

Lab Code:

K0811771-004

Units: ug/L Basis: NA

Extraction Method:

EPA 3510C

Level: Low

Analysis Method:

8270C SIM

		7 - e,	Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
1,4-Dioxane	ND U	0.50	- Personal	12/08/08	12/23/08	KWG0813119	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
1,4-Dioxane-d8	80	55-100	12/23/08	Acceptable	

Comments:

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Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008 **Date Received:** 12/04/2008

1,4-Dioxane by GC/MS

Sample Name:

KEP-Duplicate 2

Lab Code:

K0811771-005

Extraction Method:

EPA 3510C

Units: ug/L

Basis: NA

Level: Low

Analysis Method:

8270C SIM

			Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
1,4-Dioxane	ND U	0.50	1	12/08/08	12/23/08	KWG0813119	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
1,4-Dioxane-d8	78	55-100	12/23/08	Acceptable	

Comments:

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: 12/01/2008

Date Received: 12/04/2008

1,4-Dioxane by GC/MS

Sample Name:

KEP-GW-020B-006

Lab Code:

K0811771-006

Extraction Method:

EPA 3510C

Analysis Method:

8270C SIM

Units: ug/L

Basis: NA

Level: Low

			Dilution	Date	Date	Extraction	
Analyte Name	Result Q	MRL	Factor	Extracted	Analyzed	Lot	Note
1,4-Dioxane	0.89	0.50	possed	12/08/08	12/23/08	KWG0813119	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note
1,4-Dioxane-d8	68	55-100	12/23/08	Acceptable

Comments:

Merged

Analytical Results

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Collected: NA

Date Received: NA

1,4-Dioxane by GC/MS

Sample Name:

Method Blank

Lab Code:

KWG0813119-4

Extraction Method:

EPA 3510C

Units: ug/L

Basis: NA

Level: Low

Analysis Method:

8270C SIM

Dilution Date Date Extraction **Analyte Name** Result Q MRL **Factor** Extracted Analyzed Lot Note 1,4-Dioxane ND U 0.50 1 12/08/08 12/23/08 KWG0813119

Surrogate Name	%Rec	Control Limits	Date Analyzed	Note	
1,4-Dioxane-d8	82	55-100	12/23/08	Acceptable	000000000000000000000000000000000000000

Comments:

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QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Surrogate Recovery Summary 1,4-Dioxane by GC/MS

Extraction Method: Analysis Method:

EPA 3510C

8270C SIM

~~ .

Service Request: K0811771

Units: PERCENT

Level: Low

Sample Name	Lab Code	Sur1
KEP-GW-018A-006	K0811771-001	94
KEP-Duplicate 1	K0811771-002	80
KEP-GW-018B-006	K0811771-003	69
KEP-GW-020A-006	K0811771-004	80
KEP-Duplicate 2	K0811771-005	78
KEP-GW-020B-006	K0811771-006	68
Method Blank	KWG0813119-4	82
Batch QC	K0811769-001	77
Batch QCMS	KWG0813119-1	72
Batch QCDMS	KWG0813119-2	78
Lab Control Sample	KWG0813119-3	81

Surrogate Recovery Control Limits (%)

Sur1 = 1,4-Dioxane-d8

55-100

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

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Form 2A - Organic

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Page 1 of 1

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Extracted: 12/08/2008

Date Analyzed: 12/23/2008

Matrix Spike/Duplicate Matrix Spike Summary 1,4-Dioxane by GC/MS

Sample Name:

Batch QC

Lab Code:

K0811769-001

Units: ug/L

Basis: NA

Extraction Method:

EPA 3510C

Level: Low

Extraction Lot: KWG0813119

Analysis Method:

8270C SIM

Batch QCMS

Batch QCDMS

KWG0813119-1

KWG0813119-2

	Sample	N	Matrix Spike			Duplicate Matrix Spike				RPD
Analyte Name	Result	Result	Expected	%Rec	Result	Expected	%Rec	Limits	RPD	Limit
1,4-Dioxane	0.92	21.9	25.0	84	21.9	25.0	84	53-105	0	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Form 3A - Organic

Page

1 of 1

SuperSet Reference: RR97115

QA/QC Report

Client:

Environmental Chemistry Consulting Servi

Project:

Kuhlman Electric

Sample Matrix:

Water

Service Request: K0811771

Date Extracted: 12/08/2008

Date Analyzed: 12/23/2008

Lab Control Spike Summary 1,4-Dioxane by GC/MS

Extraction Method: EPA 3510C

Analysis Method:

8270C SIM

Units: ug/L

Basis: NA

Level: Low Extraction Lot: KWG0813119

Lab Control Sample

Expected

25.0

KWG0813119-3

Lab Control Spike

%Rec Limits

%Rec

Analyte Name 1,4-Dioxane

21.5

Result

86

56-107

Results flagged with an asterisk (*) indicate values outside control criteria.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Form 3C - Organic

SuperSet Reference: RR97115 Page

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