

October 1, 2008

Analytical Report for Service Request No: K0808698

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 September 10, 2008. For your reference, these analyses have been assigned our service request number K0808698.

All analyses were performed according to our laboratory's quality assurance program. Where applicable, the methods cited conform to the Methods Update Rule (effective 4/11/2007), which relates to the use of analytical methods for the drinking water and waste water programs. The test results meet requirements of the NELAC standards. Exceptions are noted in the case narrative report where applicable. 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

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Environmental Chemistry Consulting Services, Inc. **Service Request No.:** K0808698
Project: Kuhlman Electric **Date Received:** 09/10/08
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

Four water samples were received for analysis at Columbia Analytical Services on 09/10/08. 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.

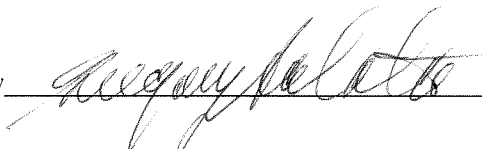
Volatile Organic Compounds by EPA Method 8260B

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

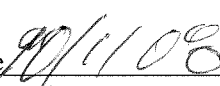
1,4-Dioxane by EPA Method 8270C

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

Approved by



Date



Chain of Custody Documentation

Columbia Analytical Services, Inc.
Cooler Receipt and Preservation Form

PC Greg

Client / Project: ECCS Service Request K08 08698

Received: 9/10/08 Opened: 9/10/08 By: T. Sak

1. Samples were received via? US Mail Fed Ex UPS DHL GH GS PDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other NA
3. Were custody seals on coolers? NA Y N If yes, how many and where? _____
 If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Is shipper's air-bill filed? If not, record air-bill number: _____ NA Y N

5. Temperature of cooler(s) upon receipt (°C): 2.5
 Temperature Blank (°C): 1.6

6. If applicable, list Chain of Custody Numbers: _____

7. Packing material used. Inserts Baggies Bubble Wrap Gel Packs Wet Ice Sleeves Other _____

8. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
9. Did all bottles arrive in good condition (unbroken)? Indicate in the table below. NA Y N
10. Were all sample labels complete (i.e analysis, preservation, etc.)? NA Y N
11. Did all sample labels and tags agree with custody papers? Indicate in the table below NA Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
13. Were the pH-preserved bottles tested* received at the appropriate pH? Indicate in the table below NA Y N
14. Were VOA vials and 1631 Mercury bottles received without headspace? Indicate in the table below. NA Y N
15. Are CWA Microbiology samples received with >1/2 the 24hr. hold time remaining from collection? NA Y N
16. Was C12/Res negative? NA Y N

| Sample ID on Bottle | Sample ID on COC | Sample ID on Bottle | Sample ID on COC |
|---------------------|------------------------|---------------------|------------------|
| <u>KEP6W003010</u> | <u>KEP-6W-003-010</u> | | |
| <u>KEP6W10B005</u> | <u>KEP-6W-010B-005</u> | | |
| <u>Dup 1</u> | <u>KEP-Duplicate 1</u> | | |

| Sample ID | Bottle Count | Bottle Type | Out of Temp | Head-space | Broken | pH | Reagent | Volume added | Reagent Lot Number | Initials |
|-----------|--------------|-------------|-------------|------------|--------|----|---------|--------------|--------------------|----------|
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*Does not include all pH preserved sample aliquots received. See sample receiving SOP (SMO-GEN).

Additional Notes, Discrepancies, & Resolutions: _____

**Volatile Organic Compounds
EPA Method 8260B**

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-003-010
Lab Code: K0808698-001
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|------------|---|------|-----------------|----------------|---------------|----------------|------|
| Dichlorodifluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Vinyl Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichlorofluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Acetone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethene | 37 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Disulfide | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Methylene Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethane | 3.3 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Butanone (MEK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1-Trichloroethane (TCA) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Tetrachloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloroethane (EDC) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Benzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichloroethene (TCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromodichloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Hexanone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Toluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2-Trichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Methyl-2-pentanone (MIBK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-003-010
Lab Code: K0808698-001
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Tetrachloroethene (PCE) | 0.75 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromoethane (EDB) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Ethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| m,p-Xylenes | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| o-Xylene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Styrene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromoform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Isopropylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Propylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| tert-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| sec-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Isopropyltoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,4-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromo-3-chloropropane | ND | U | 2.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Naphthalene | ND | U | 1.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Hexachlorobutadiene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-003-010
Lab Code: K0808698-001

Units: ug/L
Basis: NA

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------------|------|----------------|---------------|------------|
| Dibromofluoromethane | 103 | 75-120 | 09/19/08 | Acceptable |
| Toluene-d8 | 109 | 80-128 | 09/19/08 | Acceptable |
| 4-Bromofluorobenzene | 95 | 75-117 | 09/19/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-010B-005
Lab Code: K0808698-002
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|------------|---|------|-----------------|----------------|---------------|----------------|------|
| Dichlorodifluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Vinyl Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichlorofluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Acetone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethene | 8.2 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Disulfide | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Methylene Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Butanone (MEK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1-Trichloroethane (TCA) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Tetrachloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloroethane (EDC) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Benzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichloroethene (TCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromodichloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Hexanone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Toluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2-Trichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Methyl-2-pentanone (MIBK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-010B-005
Lab Code: K0808698-002
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Tetrachloroethene (PCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromoethane (EDB) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Ethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| m,p-Xylenes | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| o-Xylene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Styrene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromoform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Isopropylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Propylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| tert-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| sec-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Isopropyltoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,4-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromo-3-chloropropane | ND | U | 2.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Naphthalene | ND | U | 1.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Hexachlorobutadiene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-GW-010B-005
Lab Code: K0808698-002

Units: ug/L
Basis: NA

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------------|------|----------------|---------------|------------|
| Dibromofluoromethane | 104 | 75-120 | 09/19/08 | Acceptable |
| Toluene-d8 | 110 | 80-128 | 09/19/08 | Acceptable |
| 4-Bromofluorobenzene | 96 | 75-117 | 09/19/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-DUPLICATE 1
Lab Code: K0808698-003
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|------------|---|------|-----------------|----------------|---------------|----------------|------|
| Dichlorodifluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Vinyl Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichlorofluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Acetone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethene | 34 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Disulfide | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Methylene Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethane | 3.3 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Butanone (MEK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1-Trichloroethane (TCA) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Tetrachloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloroethane (EDC) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Benzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichloroethene (TCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromodichloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Hexanone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Toluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2-Trichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Methyl-2-pentanone (MIBK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-DUPLICATE 1
Lab Code: K0808698-003
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Tetrachloroethene (PCE) | 0.71 | | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromoethane (EDB) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Ethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| m,p-Xylenes | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| o-Xylene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Styrene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromoform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Isopropylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Propylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| tert-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| sec-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Isopropyltoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,4-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromo-3-chloropropane | ND | U | 2.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Naphthalene | ND | U | 1.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Hexachlorobutadiene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: KEP-DUPLICATE 1
Lab Code: K0808698-003

Units: ug/L
Basis: NA

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------------|------|----------------|---------------|------------|
| Dibromofluoromethane | 103 | 75-120 | 09/19/08 | Acceptable |
| Toluene-d8 | 109 | 80-128 | 09/19/08 | Acceptable |
| 4-Bromofluorobenzene | 96 | 75-117 | 09/19/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: Trip Blank
Lab Code: K0808698-004
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Dichlorodifluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Vinyl Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichlorofluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Acetone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Disulfide | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Methylene Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Butanone (MEK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1-Trichloroethane (TCA) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Tetrachloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloroethane (EDC) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Benzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichloroethene (TCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromodichloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Hexanone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Toluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2-Trichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Methyl-2-pentanone (MIBK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: Trip Blank
Lab Code: K0808698-004
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Tetrachloroethene (PCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromoethane (EDB) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Ethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| m,p-Xylenes | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| o-Xylene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Styrene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromoform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Isopropylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Propylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| tert-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| sec-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Isopropyltoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,4-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromo-3-chloropropane | ND | U | 2.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Naphthalene | ND | U | 1.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Hexachlorobutadiene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

Volatile Organic Compounds

Sample Name: Trip Blank
Lab Code: K0808698-004

Units: ug/L
Basis: NA

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------------|------|----------------|---------------|------------|
| Dibromofluoromethane | 104 | 75-120 | 09/19/08 | Acceptable |
| Toluene-d8 | 109 | 80-128 | 09/19/08 | Acceptable |
| 4-Bromofluorobenzene | 95 | 75-117 | 09/19/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: KWG0809684-4
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Dichlorodifluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Vinyl Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichlorofluoromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Acetone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Disulfide | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Methylene Chloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Butanone (MEK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,2-Dichloroethene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chloroform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1-Trichloroethane (TCA) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Carbon Tetrachloride | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloroethane (EDC) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Benzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Trichloroethene (TCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromodichloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromomethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Hexanone | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| cis-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Toluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| trans-1,3-Dichloropropene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2-Trichloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Methyl-2-pentanone (MIBK) | ND | U | 20 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: KWG0809684-4
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|-----------------------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| Tetrachloroethene (PCE) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Dibromochloromethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromoethane (EDB) | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Chlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,1,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Ethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| m,p-Xylenes | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| o-Xylene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Styrene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromoform | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Isopropylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,1,2,2-Tetrachloroethane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichloropropane | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Bromobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Propylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 2-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Chlorotoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| tert-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trimethylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| sec-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 4-Isopropyltoluene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,4-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| n-Butylbenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2-Dibromo-3-chloropropane | ND | U | 2.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,4-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,2,3-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Naphthalene | ND | U | 1.0 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| Hexachlorobutadiene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |
| 1,3,5-Trichlorobenzene | ND | U | 0.50 | 1 | 09/19/08 | 09/19/08 | KWG0809684 | |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: NA
Date Received: NA

Volatile Organic Compounds

Sample Name: Method Blank
Lab Code: KWG0809684-4

Units: ug/L
Basis: NA

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------------|------|----------------|---------------|------------|
| Dibromofluoromethane | 102 | 75-120 | 09/19/08 | Acceptable |
| Toluene-d8 | 110 | 80-128 | 09/19/08 | Acceptable |
| 4-Bromofluorobenzene | 96 | 75-117 | 09/19/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698

**Surrogate Recovery Summary
 Volatile Organic Compounds**

Extraction Method: EPA 5030B

Units: PERCENT

Analysis Method: 8260B

Level: Low

| <u>Sample Name</u> | <u>Lab Code</u> | <u>Sur1</u> | <u>Sur2</u> | <u>Sur3</u> |
|--------------------|-----------------|-------------|-------------|-------------|
| KEP-GW-003-010 | K0808698-001 | 103 | 109 | 95 |
| KEP-GW-010B-005 | K0808698-002 | 104 | 110 | 96 |
| KEP-DUPLICATE 1 | K0808698-003 | 103 | 109 | 96 |
| Trip Blank | K0808698-004 | 104 | 109 | 95 |
| Method Blank | KWG0809684-4 | 102 | 110 | 96 |
| Batch QC | K0808550-001 | 103 | 109 | 97 |
| Batch QCMS | KWG0809684-1 | 101 | 109 | 98 |
| Batch QCDMS | KWG0809684-2 | 101 | 107 | 100 |
| Lab Control Sample | KWG0809684-3 | 100 | 107 | 99 |

Surrogate Recovery Control Limits (%)

| | |
|-----------------------------|--------|
| Sur1 = 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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Extracted: 09/19/2008
Date Analyzed: 09/19/2008

**Matrix Spike/Duplicate Matrix Spike Summary
 Volatile Organic Compounds**

Sample Name: Batch QC
Lab Code: K0808550-001
Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: KWG0809684

| Analyte Name | Sample Result | Batch QCMS KWG0809684-1 Matrix Spike | | | Batch QCDMS KWG0809684-2 Duplicate Matrix Spike | | | %Rec Limits | RPD | RPD Limit |
|-----------------------|---------------|--|----------|------|---|----------|------|-------------|-----|-----------|
| | | Result | Expected | %Rec | Result | Expected | %Rec | | | |
| 1,1-Dichloroethene | ND | 10.0 | 10.0 | 100 | 8.98 | 10.0 | 90 | 67-147 | 11 | 30 |
| Benzene | ND | 8.98 | 10.0 | 90 | 8.29 | 10.0 | 83 | 69-126 | 8 | 30 |
| Trichloroethene (TCE) | 5.5 | 15.1 | 10.0 | 97 | 13.8 | 10.0 | 83 | 56-137 | 10 | 30 |
| Toluene | ND | 9.49 | 10.0 | 95 | 8.80 | 10.0 | 88 | 66-128 | 8 | 30 |
| Chlorobenzene | ND | 8.59 | 10.0 | 86 | 8.04 | 10.0 | 80 | 68-120 | 7 | 30 |
| 1,2-Dichlorobenzene | ND | 8.25 | 10.0 | 83 | 7.90 | 10.0 | 79 | 67-116 | 4 | 30 |
| Naphthalene | ND | 7.89 | 10.0 | 79 | 7.91 | 10.0 | 79 | 61-137 | 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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Extracted: 09/19/2008
Date Analyzed: 09/19/2008

**Lab Control Spike Summary
 Volatile Organic Compounds**

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: KWG0809684

Lab Control Sample
 KWG0809684-3
 Lab Control Spike

| Analyte Name | Result | Expected | %Rec | %Rec Limits |
|-----------------------------|--------|----------|------|-------------|
| Dichlorodifluoromethane | 10.1 | 10.0 | 101 | 21-156 |
| Chloromethane | 9.97 | 10.0 | 100 | 45-135 |
| Vinyl Chloride | 10.5 | 10.0 | 105 | 59-135 |
| Bromomethane | 9.75 | 10.0 | 98 | 24-144 |
| Chloroethane | 10.3 | 10.0 | 103 | 60-128 |
| Trichlorofluoromethane | 9.82 | 10.0 | 98 | 54-129 |
| Acetone | 42.3 | 50.0 | 85 | 53-129 |
| 1,1-Dichloroethene | 10.8 | 10.0 | 108 | 70-136 |
| Carbon Disulfide | 20.8 | 20.0 | 104 | 64-129 |
| Methylene Chloride | 10.7 | 10.0 | 107 | 64-137 |
| trans-1,2-Dichloroethene | 10.0 | 10.0 | 100 | 70-121 |
| 1,1-Dichloroethane | 10.3 | 10.0 | 103 | 72-122 |
| 2-Butanone (MEK) | 44.4 | 50.0 | 89 | 56-137 |
| 2,2-Dichloropropane | 10.5 | 10.0 | 105 | 48-133 |
| cis-1,2-Dichloroethene | 9.90 | 10.0 | 99 | 76-125 |
| Chloroform | 10.4 | 10.0 | 104 | 71-118 |
| Bromochloromethane | 10.1 | 10.0 | 101 | 72-123 |
| 1,1,1-Trichloroethane (TCA) | 10.3 | 10.0 | 103 | 65-126 |
| 1,1-Dichloropropene | 10.4 | 10.0 | 104 | 71-119 |
| Carbon Tetrachloride | 10.4 | 10.0 | 104 | 58-133 |
| 1,2-Dichloroethane (EDC) | 9.99 | 10.0 | 100 | 69-125 |
| Benzene | 9.82 | 10.0 | 98 | 74-118 |
| Trichloroethene (TCE) | 10.3 | 10.0 | 103 | 71-122 |
| 1,2-Dichloropropane | 10.0 | 10.0 | 100 | 73-123 |
| Bromodichloromethane | 10.5 | 10.0 | 105 | 72-127 |
| Dibromomethane | 10.3 | 10.0 | 103 | 71-124 |
| 2-Hexanone | 39.4 | 50.0 | 79 | 44-135 |
| cis-1,3-Dichloropropene | 9.82 | 10.0 | 98 | 71-125 |
| Toluene | 10.1 | 10.0 | 101 | 74-117 |
| trans-1,3-Dichloropropene | 8.35 | 10.0 | 84 | 56-121 |
| 1,1,2-Trichloroethane | 9.06 | 10.0 | 91 | 73-122 |
| 4-Methyl-2-pentanone (MIBK) | 43.6 | 50.0 | 87 | 57-129 |
| 1,3-Dichloropropane | 9.15 | 10.0 | 92 | 74-120 |
| Tetrachloroethene (PCE) | 9.47 | 10.0 | 95 | 65-121 |
| Dibromochloromethane | 9.12 | 10.0 | 91 | 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.

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Extracted: 09/19/2008
Date Analyzed: 09/19/2008

**Lab Control Spike Summary
 Volatile Organic Compounds**

Extraction Method: EPA 5030B
Analysis Method: 8260B

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: KWG0809684

Lab Control Sample
 KWG0809684-3
 Lab Control Spike

| Analyte Name | Result | Expected | %Rec | %Rec Limits |
|-----------------------------|--------|----------|------|-------------|
| 1,2-Dibromoethane (EDB) | 8.84 | 10.0 | 88 | 71-120 |
| Chlorobenzene | 9.63 | 10.0 | 96 | 74-115 |
| 1,1,1,2-Tetrachloroethane | 9.13 | 10.0 | 91 | 71-118 |
| Ethylbenzene | 9.51 | 10.0 | 95 | 71-118 |
| m,p-Xylenes | 19.2 | 20.0 | 96 | 73-119 |
| o-Xylene | 9.68 | 10.0 | 97 | 74-120 |
| Styrene | 9.47 | 10.0 | 95 | 75-123 |
| Bromoform | 8.83 | 10.0 | 88 | 57-135 |
| Isopropylbenzene | 8.78 | 10.0 | 88 | 65-110 |
| 1,1,2,2-Tetrachloroethane | 8.83 | 10.0 | 88 | 63-126 |
| 1,2,3-Trichloropropane | 8.65 | 10.0 | 87 | 67-123 |
| Bromobenzene | 9.20 | 10.0 | 92 | 76-111 |
| n-Propylbenzene | 9.45 | 10.0 | 95 | 69-122 |
| 2-Chlorotoluene | 9.39 | 10.0 | 94 | 72-120 |
| 4-Chlorotoluene | 9.27 | 10.0 | 93 | 70-118 |
| 1,3,5-Trimethylbenzene | 9.22 | 10.0 | 92 | 70-120 |
| tert-Butylbenzene | 9.63 | 10.0 | 96 | 72-118 |
| 1,2,4-Trimethylbenzene | 9.54 | 10.0 | 95 | 72-121 |
| sec-Butylbenzene | 9.47 | 10.0 | 95 | 73-130 |
| 1,3-Dichlorobenzene | 9.58 | 10.0 | 96 | 76-110 |
| 4-Isopropyltoluene | 8.95 | 10.0 | 90 | 67-115 |
| 1,4-Dichlorobenzene | 9.12 | 10.0 | 91 | 74-112 |
| n-Butylbenzene | 9.27 | 10.0 | 93 | 62-123 |
| 1,2-Dichlorobenzene | 9.33 | 10.0 | 93 | 75-110 |
| 1,2-Dibromo-3-chloropropane | 7.85 | 10.0 | 79 | 49-124 |
| 1,2,4-Trichlorobenzene | 9.23 | 10.0 | 92 | 66-115 |
| 1,2,3-Trichlorobenzene | 8.85 | 10.0 | 89 | 64-120 |
| Naphthalene | 8.55 | 10.0 | 86 | 58-132 |
| Hexachlorobutadiene | 8.90 | 10.0 | 89 | 61-124 |
| 1,3,5-Trichlorobenzene | 37.4 | 40.0 | 93 | 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.

1,4-Dioxane by GC/MS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

1,4-Dioxane by GC/MS

Sample Name: KEP-GW-003-010
Lab Code: K0808698-001
Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|--------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| 1,4-Dioxane | 15 | | 0.50 | 1 | 09/12/08 | 09/29/08 | KWG0809256 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------|------|----------------|---------------|------------|
| 1,4-Dioxane-d8 | 80 | 55-100 | 09/29/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

1,4-Dioxane by GC/MS

Sample Name: KEP-GW-010B-005
Lab Code: K0808698-002
Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|--------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| 1,4-Dioxane | 1.7 | | 0.50 | 1 | 09/12/08 | 09/29/08 | KWG0809256 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------|------|----------------|---------------|------------|
| 1,4-Dioxane-d8 | 81 | 55-100 | 09/29/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: 09/06/2008
Date Received: 09/10/2008

1,4-Dioxane by GC/MS

Sample Name: KEP-DUPLICATE 1
Lab Code: K0808698-003
Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|--------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| 1,4-Dioxane | 16 | | 0.50 | 1 | 09/12/08 | 09/29/08 | KWG0809256 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------|------|----------------|---------------|------------|
| 1,4-Dioxane-d8 | 85 | 55-100 | 09/29/08 | Acceptable |

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Results

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Collected: NA
Date Received: NA

1,4-Dioxane by GC/MS

Sample Name: Method Blank
Lab Code: KWG0809256-6
Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: ug/L
Basis: NA
Level: Low

| Analyte Name | Result | Q | MRL | Dilution Factor | Date Extracted | Date Analyzed | Extraction Lot | Note |
|--------------|--------|---|------|-----------------|----------------|---------------|----------------|------|
| 1,4-Dioxane | ND | U | 0.50 | 1 | 09/12/08 | 09/29/08 | KWG0809256 | |

| Surrogate Name | %Rec | Control Limits | Date Analyzed | Note |
|----------------|------|----------------|---------------|------------|
| 1,4-Dioxane-d8 | 89 | 55-100 | 09/29/08 | Acceptable |

Comments: _____

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698

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

Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: PERCENT
Level: Low

| <u>Sample Name</u> | <u>Lab Code</u> | <u>Sur1</u> |
|--------------------|-----------------|-------------|
| KEP-GW-003-010 | K0808698-001 | 80 |
| KEP-GW-010B-005 | K0808698-002 | 81 |
| KEP-DUPLICATE 1 | K0808698-003 | 85 |
| Method Blank | KWG0809256-6 | 89 |
| Batch QC | K0808709-001 | 82 |
| Batch QCMS | KWG0809256-3 | 86 |
| Batch QCDMS | KWG0809256-4 | 86 |
| Lab Control Sample | KWG0809256-5 | 84 |

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.

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Extracted: 09/12/2008
Date Analyzed: 09/29/2008

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

Sample Name: Batch QC
Lab Code: K0808709-001
Extraction Method: EPA 3510C
Analysis Method: 8270C SIM

Units: ug/L
Basis: NA
Level: Low
Extraction Lot: KWG0809256

| Analyte Name | Sample Result | Batch QCMS KWG0809256-3 Matrix Spike | | | Batch QCDMS KWG0809256-4 Duplicate Matrix Spike | | | %Rec Limits | RPD | RPD Limit |
|--------------|---------------|--|----------|------|---|----------|------|-------------|-----|-----------|
| | | Result | Expected | %Rec | Result | Expected | %Rec | | | |
| 1,4-Dioxane | 0.91 | 21.2 | 25.0 | 81 | 20.6 | 25.0 | 79 | 53-105 | 3 | 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.

Client: Environmental Chemistry Consulting Servi
Project: Kuhlman Electric
Sample Matrix: Water

Service Request: K0808698
Date Extracted: 09/12/2008
Date Analyzed: 09/29/2008

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: KWG0809256

| Analyte Name | Lab Control Sample KWG0809256-5 Lab Control Spike | | | %Rec Limits |
|--------------|---|----------|------|----------------|
| | Result | Expected | %Rec | |
| 1,4-Dioxane | 19.9 | 25.0 | 80 | 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.