

NM1 - ____6____

Minor Modification

**Reuse of Hobbs Generating
Station Cooling Tower Water
and Withdrawal Request**

Jan.-April, 2011

Jones, Brad A., EMNRD

From: John Barnidge <jbarnidge@r360es.com>
Sent: Thursday, April 21, 2011 2:11 PM
To: Jones, Brad A., EMNRD
Subject: Hobbs Generating Station ("HGS") discharge permit

Brad:

R 360 Environmental Solutions, Inc., and its wholly-owned subsidiary Controlled Recovery, Inc., respectfully withdraws our previous requests dated 2010 to discharge cooling tower blow down water generated by HGS at the CRI Halfway Disposal Facility. It is our understanding that HGS, through its contract management company, Consolidated Asset Management Services ("CAMS"), has obtained a Temporary Permission to Discharge permit and is using it currently.

Please forgive any inconvenience that the tardiness of submitting this withdrawal has caused. Thank you for your continued cooperation.

John Q. Barnidge

EVP & President-Western Division

CRI an R360 Environmental Solutions Company

Greenspoint Plaza 4, 16945 Northchase Drive, Suite 2200, Houston, TX 77060

O: 281.873.3203 | F: 281.873.3265 | C: 512.289.4080

jbarnidge@r360es.com





2010 FEB 1 PM 1 57

January 27, 2010

Mr. Brad Jones
Environmental Engineer
Oil Conservation Division
NM Energy, Minerals, and Natural Resources Department
1220 South St. Francis Dr.
Santa Fe, NM 87505

Re: Controlled Recovery, Inc. [139.02.02/05]
Oil Conservation Division Permit No. NM-01-0006
Proposed Modification to Recycle Process Waters

Dear Mr. Jones:

This transmittal is a request for a minor modification to the current Controlled Recovery, Inc. (CRI) Oil Conservation Division (OCD) Permit No. NM-01-0006 to allow for the beneficial recycling and re-use of process waters from the Hobbs Generating Station (HGS) at CRI's current facilities. CRI is not requesting approval for accepting any other similar process waters from other generators.

The Hobbs Generating Station is a 600-megawatt natural gas-fired electrical generation plant currently operating under NMED Groundwater Quality Bureau (GWQB) Discharge Permit DP-1620. HGS discharges between 80,000 gallons and 150,000 gallons per day of process water to evaporation ponds equipped with double synthetic liners leak detection systems. Raw water is obtained from the facility's offsite groundwater production wells located approximately 6 miles south of the site. HGS process water includes evaporative cooler blowdown, boiler blowdown, reverse osmosis (RO) reject, and filter backwash wastewater. The process waters at HGS are discharged to the lined ponds after they are considered unsuitable for additional recycling for plant operations.

The HGS process waters will be delivered to the CRI facility north of Highway 62/180 (**Figure 1**) in accordance with GWQB approvals. The CRI footprint north of Highway 62/80 ("North Tract") is permitted as an NMED-approved landfarm (GWQB Discharge Permit DP-818). Activities that will be conducted on the CRI North Tract (**Figure 2**) include:

- A new vehicle receiving/staging area
- Two new 21,000-gallon above-grade storage tanks

- Two new lined 700,000-gallon storage/evaporation basins
- 3" diameter on-grade supply-lines
- Confirmatory analysis of water quality by CRI, at least annually; and following any changes in process or additives to the process water by HGS

HGS pond waters received at the North Tract will be pumped to two new 21,000-gallon above-ground steel water storage tanks identified as "Tank A" and "Tank B" on **Figure 2**. Most of the water in each Tank will then be transferred via a new, single dedicated 3" diameter on-grade poly line ("Line AM") across Highway 62/180 using the existing waterline/cattle tunnel to the OCD-permitted facility on the south side of the highway for re-use in compliance with OCD approvals. Surplus water receipts will be directed to either of two new evaporation basins located on the North Tract for processing (e.g., temporary storage/evaporation), which may later be enhanced with aeration systems to promote evaporation. The waters may then be pumped directly from each Basin for re-use/recycling at the south facility.

The waters prescribed for recycling/re-use at the south facility will be received at the existing "McClaskey Water Station" in one new 21,000-gallon tank ("Tank MA") dedicated for the receipt of recycled water (**Figure 3**). A sign will be posted on Tank MA that reads: **"Recycled Water – Not Fresh Water"**. Tank MA will be the delivery point for tanker trucks to download the recycled water for re-use in limited oil field exploration and production activities. The entire process will re-direct process waters otherwise destined for disposal to productive recycling and re-use. The intent of the process is to conserve New Mexico's limited fresh water reserves by recycling process waters which have a beneficial use. Clients receiving the recycled waters from Tank MA will be advised of the use limitations via warning labels installed on or near the tank that read: **"Oilfield Fresh Water, Non-Potable. Limitations of use must be determined by the user. These process waters should not be introduced through any fresh water-bearing zones in oil exploration or recovery operations, or discharged to the ground surface. Water quality information will be made available to the user upon request"**.

The existing 21,000-gallon storage tank ("Tank MB") at the McClaskey Water Station will continue to be used for receiving fresh water only from the existing dedicated water supply system (i.e., Intrepid). Tank MB will not be interconnected with Tank MA, and is dedicated solely for the storage of fresh water. A sign will be posted on Tank MB that reads: **"Fresh Water"**.

Consistent with GWQB Discharge Permit DP-1620, water samples are collected by HGS from the HGS evaporation ponds on a quarterly basis and analyzed for the following constituents:

- Nitrate
- Total Dissolved Solids (TDS)
- Chloride
- Volatile Organic Compounds (VOCs) – EPA Method 8260B
- Semi-volatile Organic Compounds (SVOCs) – EPA Method 8270C
- RCRA 8 Metals
- Major Anions and Cations

Attachment A provides a summary of the analytical test results to-date (i.e., 2008-2009) for the HGS ponds. The data indicate elevated concentrations of select inorganic parameters (e.g., chloride, phosphate, sulfate, total dissolved solids (TDS), calcium, magnesium, potassium, sodium, etc.) affiliated with the treatment of raw process waters obtained from the site's off-site production well. Material Safety Data Sheets (MSDS's) for the treatment additives are provided as **Attachment B**. The elevated concentrations for these parameters are expected (and are noted in the HGS Discharge Permit Application) due to the nature of treatment additives:

1. Sodium bisulfate – chlorine inhibitor
2. Sodium hypochlorite (bleach) – biocide
3. Hydrochloric acid – pH control and RO membrane cleaning during treatment
4. Proprietary dilute phosphate blend – RO treatment system anti-scalant
5. Proprietary phosphoric/sulfuric acids – flocculants and corrosion inhibitors

The data summarized in **Attachment A** show sporadic elevations in the concentrations of fluoride, chloride, and TDS in pond waters. The fluoride concentrations are expected due to the inherent *in situ* quality of the site's raw water; and elevated chloride and TDS concentrations are also expected due to the chemical makeup and purpose of the treatment additives. With the exception of chloroform, no organic compounds (SVOCs or VOCs) have been detected in pond waters above the practical quantitation limit (PQL) established by the applicable EPA analytical method required in the Permit Conditions for Discharge Permit DP-1620. The one-time detection of chloroform at a concentration two orders of magnitude less than the WQCC standard (i.e., 0.1 mg/L) is likely due to the introduction of biocides in the raw process waters or a laboratory anomaly.

As requested by OCD, the 2008-2009 analytical laboratory reports (provided to OCD under separate cover) were reviewed to determine if the EPA method PQLs for the parameters analyzed at HGS were lower than the Water Quality Control Commission (WQCC) protection standards listed in 20.6.2.3103 NMAC. The EPA method PQL was found to be greater than the WQCC standard for the following constituents:

- Benzo(a)pyrene (SVOC)
- Phenol (SVOC)
- Ethylene dibromide (VOC)

Discharge Permit DP-1620 specifies the use of EPA method 8270C for SVOCs and method 8260B for VOCs; and the current PQL for each of these parameters is less than the WQCC standard (**Table 1**). **Table 1** includes a list of equivalent EPA analytical methods that can be used wherein the PQL is less than the WQCC standard.

Table 1
EPA Method/PQL Comparison

Parameter	WQCC Standard (mg/L)	Permit Method (PQL, mg/L)	Equivalent Methods (PQL, mg/L)
Benzo(a)pyrene	0.0007	8270C (0.01)	8310 (0.00002)
Phenol	0.005	8270C (0.01)	420.3 (0.003)
Ethylene Dibromide	0.0001	8260B (0.001)	504.1/8011 (0.00001)

It is proposed that two grab samples be collected annually by CRI from either the two new above-grade storage tanks or two new lined evaporation basins shown on **Figure 2**. The purpose for sampling the tanks is to confirm the consistency with the quarterly analytical test results from HGS. The purpose for sampling the basins is to confirm water quality based on a “worse case” scenario of potential concentration increases for certain analytes due to the evaporation method employed on the North Tract. Sampling of waters at either location prior to transfer to the OCD facility to the south will enable CRI to amend these waters to acceptable standards, as necessary, consistent with the corrective measures discussed below. The following rationale will be used to determine the sampling location(s):

- | | |
|-----------------------------|--|
| 1. Tank Sampling Only: | Received waters are stored only in both tanks |
| 2. Tank and Basin Sampling: | Received waters are stored in one tank and one basin |
| 3. Basin Sampling Only: | Received waters are stored only in both basins |
| 4. Basin Sampling Only: | Received waters are stored in both tanks and both basins |

The grab samples will be collected between April and September to coincide with anticipated peak water receipts (i.e., up to 150,000 gallons/day). The samples will be subjected to analysis of the entire suite of WQCC constituents listed in 20.6.2.3103 NMAC using EPA methods (or their equivalent, as applicable) that specify a PQL less than the WQCC standard.

In the event that the analyses show detection of a toxic pollutant listed in 20.6.2.7.WW NMAC in exceedance of an applicable WQCC standard, transfer of waters to the south facility from the source of the exceedance (i.e., evaporation pond or tank) will cease. Additional samples will then be collected and analyzed for the detected parameter(s) to confirm the original analytical results. If the re-sample analysis confirms the original analytical result, corrective measures implemented to rectify the exceedance may include, but not be limited to; pond aeration, disposal at a permitted disposal facility; or amending with additional HGS process waters until additional re-sampling indicates no exceedance of the WQCC standard for the affected parameter. If the re-sample results confirm that the exceedance is the result of either a sampling or analysis error, transfer of waters from the original source will re-commence.

The laboratory analytical test results from the annual confirmatory sampling at CRI (including any re-sampling results), along with the quarterly analytical reports from HGS, will be submitted to OCD on or before February 15 each year. In the future, CRI may elect to adjust the sampling frequency and constituent list based on the historical quarterly and annual analytical test results. Any adjustments will be the subject of future discussions between CRI and OCD; and OCD approval will be obtained prior to implementation.

An additional beneficial recycling of the process waters is proposed for the eight-bay “Jet Wash Station” at CRI’s south facility currently approved by OCD. Recycled waters would be directed from Tank MA to one dedicated Jet Wash storage tank labeled JWA () using a new dedicated 3” diameter poly line (**Figure 3**). Tank JWA and the associated new piping will not be interconnected with existing Tank JWB, which is dedicated solely for the use of fresh water from fresh water Tank MB at the McClaskey Water Station. A sign will be posted on Tank JWA that reads: **“Recycled Water – Not Fresh Water”**, and a sign will be posted on Tank JWB that reads **“Fresh Water”**. The recycled water supply would reduce CRI’s reliance on other fresh water supplies (i.e., Intrepid). The recycled water would be completely segregated from fresh water

supplies, and ultimately be managed in the Jet Wash Water Evaporation Basin, along with the routine flow, following use.

We appreciate OCD's ongoing review and interest in CRI's environmental updates. Please contact us with your questions and comments.

Very truly yours,
Gordon Environmental, Inc.



I. Keith Gordon, P.E.
Principal

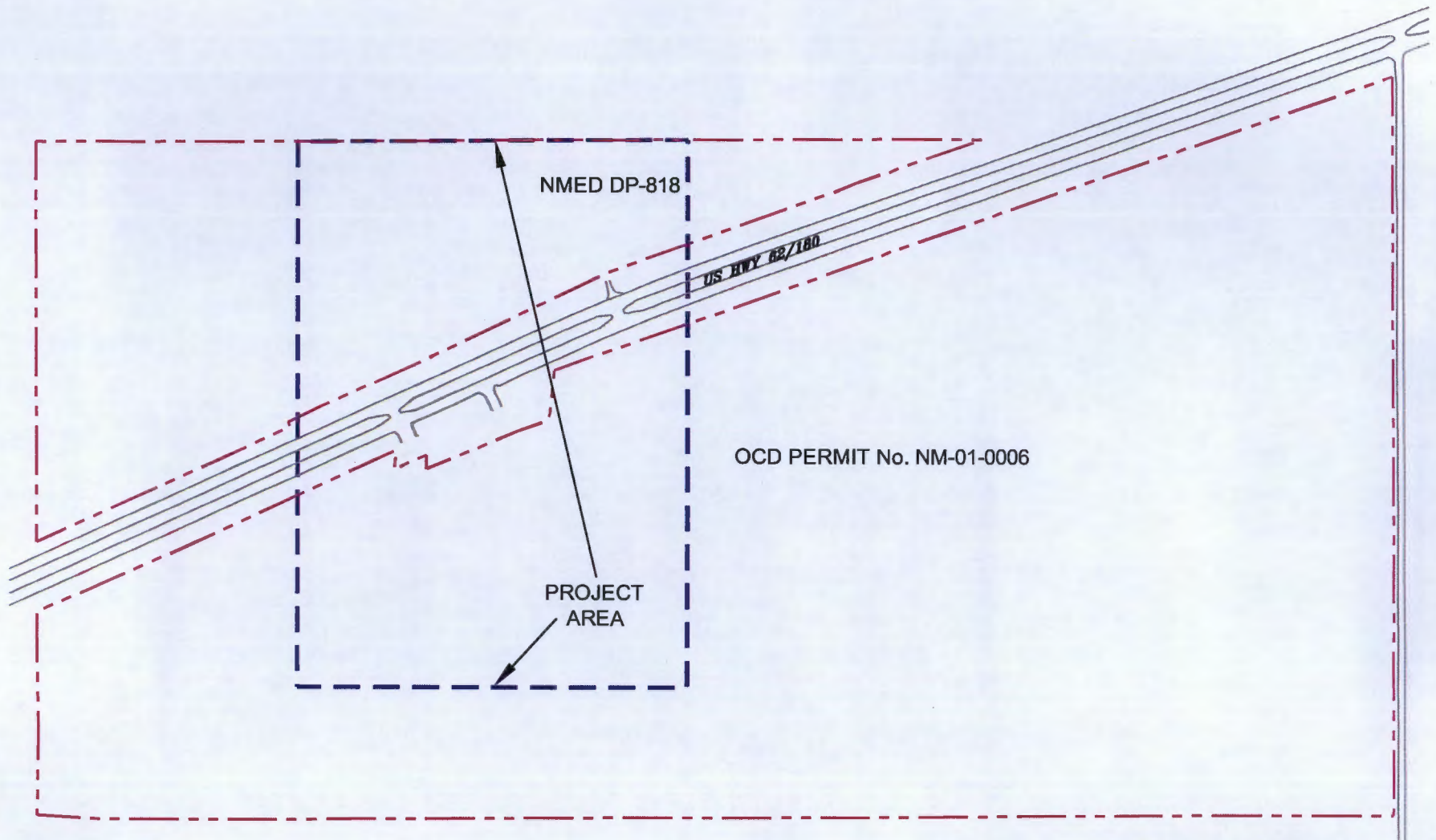


Michael J. Crepeau, P.E.
Project Manager

Enclosures:

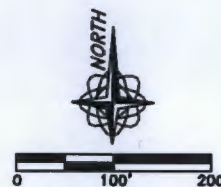
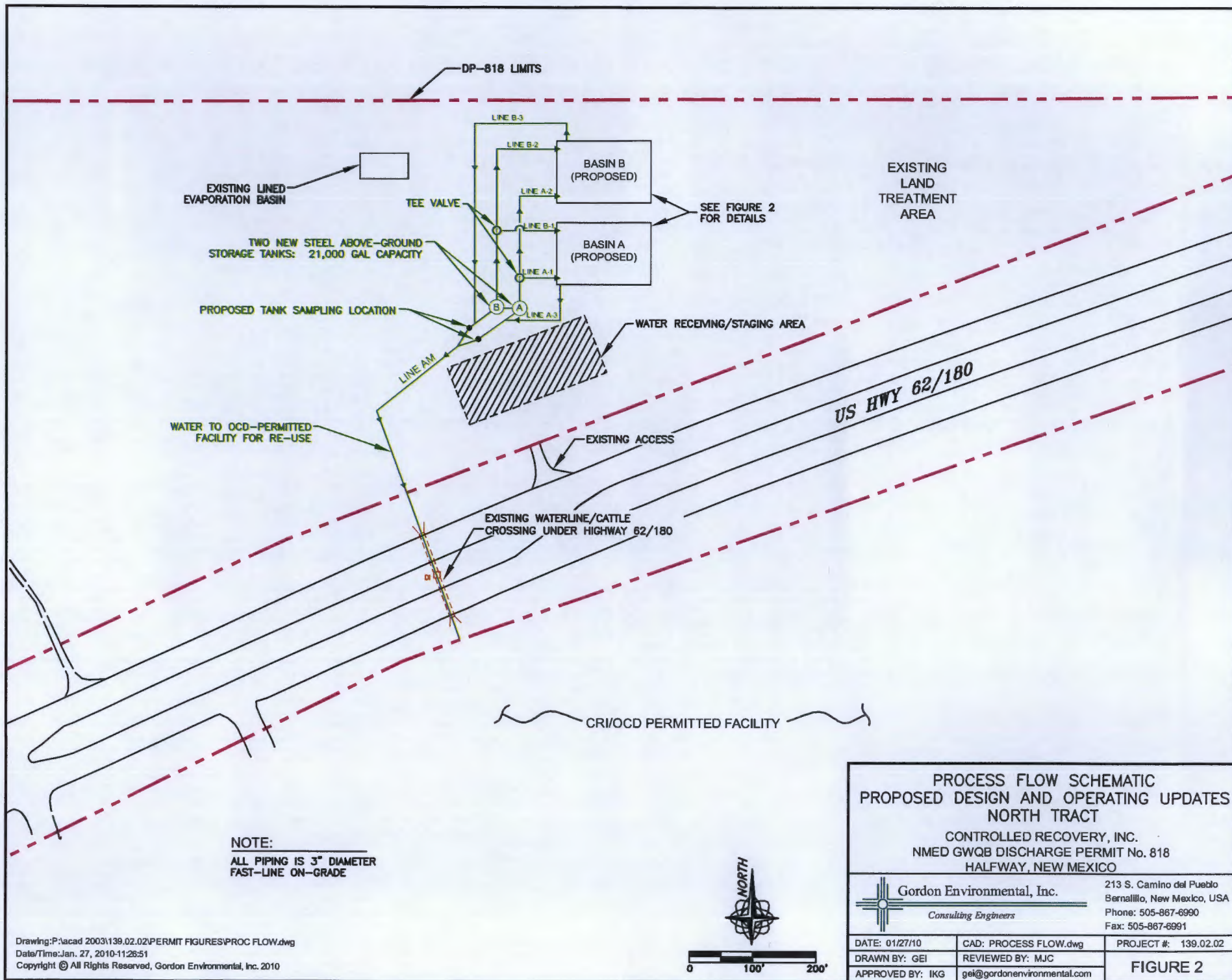
Figure 1	Site Plan
Figure 2	Process Flow Schematic: Proposed Design and Operating Updates—North Tract
Figure 3	Process Flow Schematic: Proposed Design and Operating Updates—South Tract
Attachment A	Summary of Analytical Test Results (HGS Pond 2008-2009)
Attachment B	MSDS for HGS Process Water Treatment Additives
Attachment C	2008-2009 Laboratory Analytical Reports (Separate Cover)

cc: Mr. John Barnidge, CEO, Controlled Recovery, Inc.
Mr. Ken Marsh

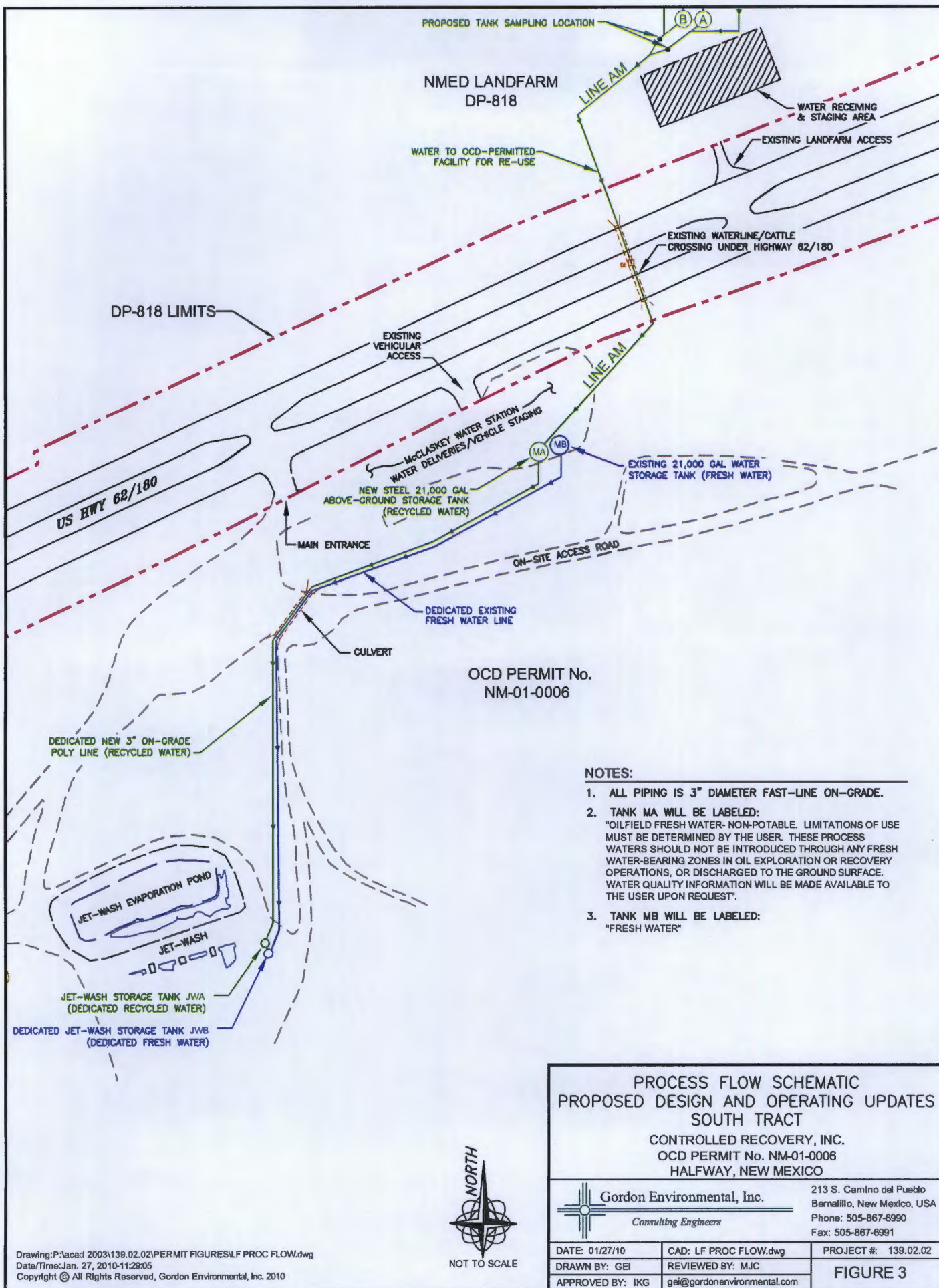


Drawing: P:\acad 2003\139.02.02\PERMIT FIGURES\SITE PLAN SIMPLIFIED.dwg
 Date/Time: Jan. 27, 2010-11:35:22
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SITE PLAN		
CONTROLLED RECOVERY, INC. OCD PERMIT No. NM-01-0006 HALFWAY, NEW MEXICO		
 Gordon Environmental, Inc. <i>Consulting Engineers</i>		213 S. Camino del Pueblo Bernalillo, New Mexico, USA Phone: 505-867-6990 Fax: 505-867-6991
DATE: 01/27/10	CAD: SITE PLAN SIMPLIFIED.dwg	PROJECT #: 139.02.02
DRAWN BY: MLH	REVIEWED BY: GEI	
APPROVED BY: IKG	gek@gordonenvironmental.com	
		FIGURE 1



PROCESS FLOW SCHEMATIC PROPOSED DESIGN AND OPERATING UPDATES NORTH TRACT CONTROLLED RECOVERY, INC. NMED GWQB DISCHARGE PERMIT No. 818 HALFWAY, NEW MEXICO		
 Gordon Environmental, Inc. Consulting Engineers		213 S. Camino del Pueblo Bernalillo, New Mexico, USA Phone: 505-867-6990 Fax: 505-867-8991
DATE: 01/27/10	CAD: PROCESS FLOW.dwg	PROJECT #: 139.02.02
DRAWN BY: GEI	REVIEWED BY: MJC	
APPROVED BY: IKG	gei@gordonenvironmental.com	



Attachment A
Summary of Analytical Test Results (HGS Pond 2008-2009)

ATTACHMENT A
Summary of Analytical Test Results
(HGS Pond 2008-2009)

Parameter	WQCC Standard (20.6.2.3103 NMAC) (mg/L)	4/9/2008	7/10/2008	10/9/2008	1/9/2009	4/8/2009	7/8/2009	10/1/2009
Organic Compounds (EPA Method)								
Semivolatiles		ND	ND	ND	ND	ND	ND	ND
Polyaromatic hydrocarbons (PAH) (8260)								
Naphthalene (total) (8260)	0.03	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1-Methylnaphthalene (8260)	0.03	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
2-Methylnaphthalene (8260)	0.03	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Benzo-a-pyrene (8270)	0.0007	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Phenol (8270)	0.005	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01
Volatiles (8260)								
Benzene	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene	0.75	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Tetrachloride	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-dichloroethane (EDC)	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-dichloroethylene (1,1-DCE)	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-tetrachloroethylene (PCE)	0.02	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-trichloroethylene (TCE)	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ethylbenzene	0.75	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
total xylenes	0.62	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
methylene chloride	0.4	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
chloroform	0.1	<0.001	0.0023	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-dichloroethane	0.025	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
ethylene dibromide (EDB)	0.0001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-trichloroethane	0.06	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-trichloroethane	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-tetrachloroethane	0.01	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
vinyl chloride	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Major Ions								
Fluoride	1.6	4.4	2	2.6	2.6	3.8	3	1.8
Chloride	250	830	140	250	170	280	290	280
Nitrite (As N)	--	<1.0	<1.0	NA	NA	<1.0	NA	NA
Bromide	--	8.3	0.58	1.1	1.2	2.3	1.8	4
Nitrate (As N)	10	<0.10	1.4	NA	NA	0.47	NA	NA
Nitrate (As N) + Nitrite (As N)	10	NA	NA	<1.0	1.8	NA	<1.0	<1.0
Orthophosphate	--	<0.50	<0.50	<0.5H	<0.5 H	<0.5	<0.5 H	<0.5 H
Sulfate	600	410	140	160	200	250	270	240
Major Cations								
Calcium (Dissolved)	--	190	70	76	78	47	38	110
Magnesium (Dissolved)	--	64	24	24	28	40	25	22
Potassium (Dissolved)	--	29	7.7	8.7	8.4	15	15	15
Sodium (Dissolved)	--	360	130	160	130	220	230	240
RCRA 8 Metals								
Arsenic	0.1	<0.02	<0.02	0.025	<0.02	<0.02	<0.02	<0.02
Barium	1.0	0.54	0.093	0.11	0.10	0.067	0.063	0.076
Cadmium	0.01	<0.002	<0.002	<0.005	<0.005	<0.002	<0.002	<0.002
Chromium	0.05	<0.006	<0.006	<0.01	<0.01	<0.006	<0.006	<0.006
Lead	0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	0.002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.00032
Selenium	0.05	<0.05	<0.05	0.067	<0.02	<0.05	<0.05	<0.05
Silver	0.05	<0.005	<0.005	<0.01	<0.01	<0.005	<0.005	<0.005
General Chemistry								
Alkalinity, Total (As CaCO3)	--	41	220	130	160	170	120	240
Carbonate	--	<2.0	24	56	18	34	50	57
Bicarbonate	--	41	190	73	150	140	69	180
Specific Conductance	--	3,000	1,100	1,400	1,100	1,600	1,500	1,600
Total Dissolved Solids (TDS)	1,000	2,000	760	860	800	1,200	1,080	1,160

Notes:

All values expressed as mg/L., except where noted (e.g., Specific Conductance)

ND = Not detected

NA = Not analyzed

-- Indicates no WQCC standard

Indicates current EPA method PQL is > WQCC standard

II = Parameter analyzed past method holding time

Attachment B

MSDS for HGS Process Water Treatment Additives

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT187****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME :** 3D TRASAR® 3DT187**APPLICATION :** COOLING WATER TREATMENT**COMPANY IDENTIFICATION :** Nalco Company
1601 W. Diehl Road
Naperville, Illinois
60563-1198**EMERGENCY TELEPHONE NUMBER(S) :** (800) 424-9300 (24 Hours) CHEMTREC**NFPA 704M/HMIS RATING****HEALTH :** 1 / 1 **FLAMMABILITY :** 1 / 1 **INSTABILITY :** 0 / 0 **OTHER :**
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme * = Chronic Health Hazard**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Our hazard evaluation has identified the following chemical substance(s) as hazardous. Consult Section 15 for the nature of the hazard(s).

Hazardous Substance(s)	CAS NO	% (w/w)
Phosphoric Acid	7664-38-2	5.0 - 10.0

3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW******CAUTION**

May cause irritation with prolonged contact.

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

Wear suitable protective clothing.

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) and sulfur (SOx) under fire conditions. May evolve oxides of phosphorus (POx) under fire conditions.

PRIMARY ROUTES OF EXPOSURE :

Eye, Skin

HUMAN HEALTH HAZARDS - ACUTE :**EYE CONTACT :**

May cause irritation with prolonged contact.



SAFETY DATA SHEET

PRODUCT

3D TRASAR® 3DT187

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

SKIN CONTACT :

May cause irritation with prolonged contact.

INGESTION :

Not a likely route of exposure. There may be irritation to the gastro-intestinal tract.

INHALATION :

Not a likely route of exposure. Elevated temperatures or mechanical action may form vapors, mists or fumes which may be irritating to the eyes, nose, throat and lungs.

SYMPTOMS OF EXPOSURE :

Acute :

A review of available data does not identify any symptoms from exposure not previously mentioned.

Chronic :

A review of available data does not identify any symptoms from exposure not previously mentioned.

4. FIRST AID MEASURES

EYE CONTACT :

Immediately flush eye with water for at least 15 minutes while holding eyelids open. If symptoms develop, seek medical advice.

SKIN CONTACT :

Immediately flush with plenty of water for at least 15 minutes. If symptoms develop, seek medical advice.

INGESTION :

Get medical attention. Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink.

INHALATION :

Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

NOTE TO PHYSICIAN :

Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

FLASH POINT : > 200 F / > 93.3 °C

EXTINGUISHING MEDIA :

This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable. Use extinguishing media appropriate for surrounding fire.

FIRE AND EXPLOSION HAZARD :

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) and sulfur (SOx) under fire conditions. May evolve oxides of phosphorus (POx) under fire conditions.



SAFETY DATA SHEET

PRODUCT

3D TRASAR® 3DT187

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :

Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Do not touch spilled material. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Notify appropriate government, occupational health and safety and environmental authorities.

METHODS FOR CLEANING UP :

SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. **LARGE SPILLS:** Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS :

Do not contaminate surface water.

7. HANDLING AND STORAGE

HANDLING :

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labeled.

STORAGE CONDITIONS :

Store in suitable labeled containers. Store the containers tightly closed. Store separately from oxidizers.

SUITABLE CONSTRUCTION MATERIAL :

Buna-N, HDPE (high density polyethylene), Polypropylene, Epoxy phenolic resin, Polyethylene, PVC

UNSUITABLE CONSTRUCTION MATERIAL :

Stainless Steel 304, Neoprene, Viton, Polyurethane, Stainless Steel 316L, 100% phenolic resin liner, Hypalon, Brass, EPDM

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS :

Exposure guidelines have not been established for this product. Available exposure limits for the substance(s) are shown below.

Country/Source	Substance(s)	Category:	ppm	mg/m3
	Phosphoric Acid	ACGIH/TWA		1
		ACGIH/STEL		3
		OSHA Z1/PEL		1



SAFETY DATA SHEET

PRODUCT

3D TRASAR® 3DT187

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

ENGINEERING MEASURES :

Use general ventilation with local exhaust ventilation.

RESPIRATORY PROTECTION :

Where concentrations in air may exceed the limits given in this section, the use of a half face filter mask or air supplied breathing apparatus is recommended. A suitable filter material depends on the amount and type of chemicals being handled. Consider the use of filter type: Multi-contaminant cartridge, with a Particulate pre-filter. In event of emergency or planned entry into unknown concentrations a positive pressure, full-facepiece SCBA should be used. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION :

When handling this product, the use of chemical gauntlets is recommended. The choice of work glove depends on work conditions and what chemicals are handled. Please contact the PPE manufacturer for advice on what type of glove material may be suitable. Gloves should be replaced immediately if signs of degradation are observed.

SKIN PROTECTION :

Wear standard protective clothing.

EYE PROTECTION :

Wear safety glasses with side-shields.

HYGIENE RECOMMENDATIONS :

Use good work and personal hygiene practices to avoid exposure. Keep an eye wash fountain available. Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Yellow Dark brown
ODOR	None
SPECIFIC GRAVITY	1.29 @ 77.0 °F / 25.0 °C
DENSITY	10.7 lb/gal
SOLUBILITY IN WATER	Complete
pH (100 %)	2.7
VISCOSITY	95.0 cps @ 77.0 °F / 25.0 °C
FREEZING POINT	0.0 °F / -17.7 °C

Note: These physical properties are typical values for this product and are subject to change.

**SAFETY DATA SHEET**

PRODUCT

3D TRASAR® 3DT187

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

10. STABILITY AND REACTIVITY

STABILITY :

Stable under normal conditions.

HAZARDOUS POLYMERIZATION :

Hazardous polymerization will not occur.

CONDITIONS TO AVOID :

Extremes of temperature

MATERIALS TO AVOID :

Bases Contact with strong alkalis (e.g. ammonia and its solutions, carbonates, sodium hydroxide (caustic), potassium hydroxide, calcium hydroxide (lime), cyanide, sulfide, hypochlorites, chlorites) may generate heat, splattering or boiling and toxic vapors. Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS :

Under fire conditions: Oxides of carbon, Oxides of sulfur, Oxides of phosphorus, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product.

SENSITIZATION :

This product is not expected to be a sensitizer.

CARCINOGENICITY :

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :

Based on our hazard characterization, the potential human hazard is: Moderate

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL EFFECTS :

The following results are for the product.

ACUTE FISH RESULTS :

Species	Exposure	LC50	Test Descriptor
Fathead Minnow	96 hrs	1,875 mg/l	Product
Rainbow Trout	96 hrs	2,422 mg/l	Product

ACUTE INVERTEBRATE RESULTS :

Species	Exposure	LC50	EC50	Test Descriptor
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**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT187****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

Daphnia magna	48 hrs		1,042 mg/l	Product
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PERSISTENCY AND DEGRADATION :

Total Organic Carbon (TOC) : 100,000 mg/l

Chemical Oxygen Demand (COD) : 330,000 mg/l

Biological Oxygen Demand (BOD) :

Incubation Period	Value	Test Descriptor
5 d	14,400 mg/l	Product

MOBILITY :

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.

If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	Water	Soil/Sediment
<5%	10 - 30%	70 - 90%

The portion in water is expected to be soluble or dispersible.

BIOACCUMULATION POTENTIAL

This preparation or material is not expected to bioaccumulate.

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: Low

If released into the environment, see CERCLA/SUPERFUND in Section 15.

13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

Hazardous wastes must be transported by a licensed hazardous waste transporter and disposed of or treated in a properly licensed hazardous waste treatment, storage, disposal or recycling facility. Consult local, state, and federal regulations for specific requirements.

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT187****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****14. TRANSPORT INFORMATION**

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are as follows.

The presence of an RQ component (Reportable Quantity for U.S. EPA and DOT) in this product causes it to be regulated with an additional description of RQ for road, or as a class 9 for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

LAND TRANSPORT :

Proper Shipping Name :	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical Name(s) :	PHOSPHORIC ACID
UN/ID No :	UN 3082
Hazard Class - Primary :	9
Packing Group :	III
Flash Point :	> 200 F/ > 93.3 °C
DOT Reportable Quantity (per package) :	53,850 lbs
DOT RQ Component :	PHOSPHORIC ACID

AIR TRANSPORT (ICAO/IATA) :

Proper Shipping Name :	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Technical Name(s) :	PHOSPHORIC ACID
UN/ID No :	UN 3082
Hazard Class - Primary :	9
Packing Group :	III
IATA Cargo Packing Instructions :	914
IATA Cargo Aircraft Limit :	450 L (Max net quantity per package)

MARINE TRANSPORT (IMDG/IMO) :

Proper Shipping Name :	PRODUCT IS NOT REGULATED DURING TRANSPORTATION
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15. REGULATORY INFORMATION

This section contains additional information that may have relevance to regulatory compliance. The information in this section is for reference only. It is not exhaustive, and should not be relied upon to take the place of an individualized compliance or hazard assessment. Nalco accepts no liability for the use of this information.

NATIONAL REGULATIONS, USA :



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OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :

Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Phosphoric Acid : Corrosive

CERCLA/SUPERFUND, 40 CFR 117, 302 :

This product contains the following Reportable Quantity (RQ) Substance. Also listed is the RQ for the product. If a reportable quantity of product is released, it requires notification to the NATIONAL RESPONSE CENTER, WASHINGTON, D.C. (1-800-424-8802).

RQ Substance
Phosphoric Acid

RQ
53,850 lbs

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313 :

SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355) :

This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370) :

Our hazard evaluation has found this product to be hazardous. The product should be reported under the following indicated EPA hazard categories:

X	Immediate (Acute) Health Hazard
	Delayed (Chronic) Health Hazard
	Fire Hazard
	Sudden Release of Pressure Hazard
	Reactive Hazard

Under SARA 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372) :

This product does not contain substances on the List of Toxic Chemicals.

TOXIC SUBSTANCES CONTROL ACT (TSCA) :

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

NSF NON-FOOD COMPOUNDS REGISTRATION PROGRAM (former USDA List of Proprietary Substances & Non-Food Compounds) :

NSF Registration number for this product is : 140969

This product is acceptable for treating boilers, steam lines, and/or cooling systems where neither the treated water nor the steam produced may contact edible products in and around food processing areas, excluding such use in areas where meat and poultry are processed (G10). This product is acceptable for treatment of cooling and retort water in and around food processing areas, excluding such use in areas where meat and poultry are processed (G8).

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This product has been certified as KOSHER/PAREVE for year-round use INCLUDING THE PASSOVER SEASON by the CHICAGO RABBINICAL COUNCIL.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311 :

This product contains the following substances listed in the regulation. Additional components may be unintentionally present at trace levels.

Substance(s)	Citations
• Phosphoric Acid	Sec. 311

CLEAN AIR ACT, Sec. 112 (40 CFR 61, Hazardous Air Pollutants), Sec. 602 (40 CFR 82, Class I and II Ozone Depleting Substances) :

This product may contain trace levels (<0.1% for carcinogens, <1% all other substances) of the following substance(s) listed under the regulation. Additional components may be unintentionally present at trace levels.

Substance(s)	Citations
• Methanol • Acrylic Acid • Acrylamide	Sec. 112

CALIFORNIA PROPOSITION 65 :

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels, which would require a warning under the statute.

MICHIGAN CRITICAL MATERIALS :

Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

STATE RIGHT TO KNOW LAWS :

The following substances are disclosed for compliance with State Right to Know Laws:

Phosphoric Acid

7664-38-2

NATIONAL REGULATIONS, CANADA :**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) :**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION :

D2A - Materials Causing Other Toxic Effects - Very Toxic Material, D2B - Materials Causing Other Toxic Effects - Toxic Material



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CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :

The substance(s) in this preparation are included in or exempted from the Domestic Substance List (DSL).

AUSTRALIA

All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

CHINA

All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on the Inventory of Existing Chemical Substances China (IECSC).

EUROPE

The substances in this preparation have been reviewed for compliance with the EINECS or ELINCS inventories.

JAPAN

All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

KOREA

All substances in this product comply with the Toxic Chemical Control Law (TCCL) and are listed on the Existing Chemicals List (ECL)

PHILIPPINES

All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

16. OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

REFERENCES

Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, OH., (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Hazardous Substances Data Bank, National Library of Medicine, Bethesda, Maryland (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, Geneva: World Health Organization, International Agency for Research on Cancer.

Integrated Risk Information System, U.S. Environmental Protection Agency, Washington, D.C. (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.



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Annual Report on Carcinogens, National Toxicology Program, U.S. Department of Health and Human Services, Public Health Service.

Title 29 Code of Federal Regulations, Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration (OSHA), (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Registry of Toxic Effects of Chemical Substances, National Institute for Occupational Safety and Health, Cincinnati, OH, (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

Ariel Insight® (An integrated guide to industrial chemicals covered under major regulatory and advisory programs), North American Module, Western European Module, Chemical Inventories Module and the Generics Module (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

The Teratogen Information System, University of Washington, Seattle, WA (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

Prepared By : Product Safety Department

Date issued : 07/31/2009

Version Number : 2.1

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME :** 3D TRASAR® 3DT189**APPLICATION :** COOLING WATER TREATMENT**COMPANY IDENTIFICATION :** Nalco Company
1601 W. Diehl Road
Naperville, Illinois
60563-1198**EMERGENCY TELEPHONE NUMBER(S) :** (800) 424-9300 (24 Hours) CHEMTREC**NFPA 704M/HMIS RATING****HEALTH :** 2 / 2 **FLAMMABILITY :** 0 / 1 **INSTABILITY :** 0 / 0 **OTHER :**
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme * = Chronic Health Hazard**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Our hazard evaluation has identified the following chemical substance(s) as hazardous. Consult Section 15 for the nature of the hazard(s).

Hazardous Substance(s)	CAS NO	% (w/w)
Phosphoric Acid	7664-38-2	1.0 - 5.0
Substituted aromatic amine	Proprietary	1.0 - 5.0
Sulfuric Acid	7664-93-9	1.0 - 5.0

3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW******WARNING**

Irritating to eyes.

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

Wear suitable protective clothing.

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of sulfur (SOx) under fire conditions.

May evolve oxides of phosphorus (POx) under fire conditions.

PRIMARY ROUTES OF EXPOSURE :

Eye, Skin

HUMAN HEALTH HAZARDS - ACUTE :**EYE CONTACT :**

Irritating, and may injure eye tissue if not removed promptly.

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****SKIN CONTACT :**

Can cause mild irritation.

INGESTION :

Not a likely route of exposure. No adverse effects expected.

INHALATION :

Not a likely route of exposure. No adverse effects expected.

SYMPTOMS OF EXPOSURE :**Acute :**

A review of available data does not identify any symptoms from exposure not previously mentioned.

Chronic :

A review of available data does not identify any symptoms from exposure not previously mentioned.

HUMAN HEALTH HAZARDS - CHRONIC :

No adverse effects expected other than those mentioned above.

4. FIRST AID MEASURES**EYE CONTACT :**

Immediately flush eye with water for at least 15 minutes while holding eyelids open. If symptoms develop, seek medical advice.

SKIN CONTACT :

Flush affected area with water. If symptoms develop, seek medical advice.

INGESTION :

Get medical attention. Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If reflexive vomiting occurs, rinse mouth and repeat administration of water.

INHALATION :

Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

NOTE TO PHYSICIAN :

Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES**FLASH POINT :**

Not applicable

EXTINGUISHING MEDIA :

This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable. Use extinguishing media appropriate for surrounding fire.



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FIRE AND EXPLOSION HAZARD :

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of sulfur (SOx) under fire conditions. May evolve oxides of phosphorus (POx) under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :

Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Ventilate spill area if possible. Ensure clean-up is conducted by trained personnel only. Do not touch spilled material. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Notify appropriate government, occupational health and safety and environmental authorities.

METHODS FOR CLEANING UP :

SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. **LARGE SPILLS:** Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Clean contaminated surfaces with water or aqueous cleaning agents. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS :

Do not contaminate surface water.

7. HANDLING AND STORAGE

HANDLING :

Do not get in eyes, on skin, on clothing. Do not take internally. Use with adequate ventilation. Do not breathe vapors/gases/dust. Keep the containers closed when not in use. Have emergency equipment (for fires, spills, leaks, etc.) readily available. Ensure all containers are labeled.

STORAGE CONDITIONS :

Store in suitable labeled containers. Store the containers tightly closed.

SUITABLE CONSTRUCTION MATERIAL :

Buna-N, Hypalon, EPDM, Polyethylene, Polypropylene, HDPE (high density polyethylene), PVC, Epoxy phenolic resin

UNSUITABLE CONSTRUCTION MATERIAL :

Brass, Stainless Steel 304, Neoprene, Viton, Polyurethane, 100% phenolic resin liner, Stainless Steel 316L

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS :

Exposure guidelines have not been established for this product. Available exposure limits for the substance(s) are shown below.

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Substance(s)	Category:	ppm	mg/m3	Non-Standard Unit
Phosphoric Acid	ACGIH/TWA		1	
	ACGIH/STEL		3	
	OSHA Z1/PEL		1	
Sulfuric Acid (Thoracic fraction.)	ACGIH/TWA		0.2	
	OSHA Z1/PEL		1	

ENGINEERING MEASURES :

General ventilation is recommended.

RESPIRATORY PROTECTION :

Where concentrations in air may exceed the limits given in this section, the use of a half face filter mask or air supplied breathing apparatus is recommended. A suitable filter material depends on the amount and type of chemicals being handled. Consider the use of filter type: Multi-contaminant cartridge. with a Particulate pre-filter. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection.

HAND PROTECTION :

When handling this product, the use of chemical gauntlets is recommended. The choice of work glove depends on work conditions and what chemicals are handled, but we have positive experience under light handling conditions using gloves made from PVC . Gloves should be replaced immediately if signs of degradation are observed. Breakthrough time not determined as preparation, consult PPE manufacturers.

SKIN PROTECTION :

Wear standard protective clothing. See general advice.

EYE PROTECTION :

When handling this product, the use of splash chemical goggles is recommended.

HYGIENE RECOMMENDATIONS :

Use good work and personal hygiene practices to avoid exposure. Keep an eye wash fountain available. Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Always wash thoroughly after handling chemicals. When handling this product never eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid

APPEARANCE Yellow

ODOR None

SPECIFIC GRAVITY 1.151 @ 77 °F / 25 °C

DENSITY 9.56 lb/gal

SOLUBILITY IN WATER Complete

pH (100 %) 1.8



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VISCOSITY	5.4 cst
INITIAL BOILING POINT	212 °F / 100 °C
VAPOR PRESSURE	0.5 mm Hg @ 100 °F / 37.8 °C
VOC CONTENT	0.4 % Calculated

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY

STABILITY :

Stable under normal conditions.

HAZARDOUS POLYMERIZATION :

Hazardous polymerization will not occur.

CONDITIONS TO AVOID :

Freezing temperatures.

MATERIALS TO AVOID :

Bases Contact with strong alkalies (e.g. ammonia and its solutions, carbonates, sodium hydroxide (caustic), potassium hydroxide, calcium hydroxide (lime), cyanide, sulfide, hypochlorites, chlorites) may generate heat, splattering or boiling and toxic vapors. Contact with reactive metals (e.g. aluminum) may result in the generation of flammable hydrogen gas.

HAZARDOUS DECOMPOSITION PRODUCTS :

Under fire conditions: Oxides of carbon, Oxides of sulfur, Oxides of phosphorus, Oxides of nitrogen

11. TOXICOLOGICAL INFORMATION

No toxicity studies have been conducted on this product.

SENSITIZATION :

This product is not expected to be a sensitizer.

CARCINOGENICITY :

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :

Based on our hazard characterization, the potential human hazard is: Low

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL EFFECTS :

The following results are for the product.

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****ACUTE FISH RESULTS :**

Species	Exposure	LC50	Test Descriptor
Fathead Minnow	96 hrs	3,750 mg/l	Product
Rainbow Trout	96 hrs	1,830 mg/l	Product

ACUTE INVERTEBRATE RESULTS :

Species	Exposure	LC50	EC50	Test Descriptor
Daphnia magna	48 hrs		1,908 mg/l	Product
Ceriodaphnia dubia	48 hrs	1,875 mg/l		Product

PERSISTENCY AND DEGRADATION :

Total Organic Carbon (TOC) : 62,000 mg/l

Chemical Oxygen Demand (COD) : 190,000 mg/l

Biological Oxygen Demand (BOD) :

Incubation Period	Value	Test Descriptor
5 d	9,240 mg/l	Product

The organic portion of this preparation is expected to be readily biodegradable.

MOBILITY :

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models.

If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	Water	Soil/Sediment
<5%	30 - 50%	50 - 70%

The portion in water is expected to be soluble or dispersible.

BIOACCUMULATION POTENTIAL

This preparation or material is not expected to bioaccumulate.

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: Low

If released into the environment, see CERCLA/SUPERFUND in Section 15.

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****13. DISPOSAL CONSIDERATIONS**

If this product becomes a waste, it could meet the criteria of a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Before disposal, it should be determined if the waste meets the criteria of a hazardous waste.

Hazardous Waste: D002

Hazardous wastes must be transported by a licensed hazardous waste transporter and disposed of or treated in a properly licensed hazardous waste treatment, storage, disposal or recycling facility. Consult local, state, and federal regulations for specific requirements.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are as follows.

The presence of an RQ component (Reportable Quantity for U.S. EPA and DOT) in this product causes it to be regulated with an additional description of RQ for road, or as a class 9 for road and air, ONLY when the net weight in the package exceeds the calculated RQ for the product.

LAND TRANSPORT :

Proper Shipping Name :	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical Name(s) :	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No :	UN 3264
Hazard Class - Primary :	8
Packing Group :	III
Flash Point :	Not applicable
DOT Reportable Quantity (per package) :	71,530 lbs
DOT RQ Component :	Sulfuric Acid

AIR TRANSPORT (ICAO/IATA) :

Proper Shipping Name :	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
Technical Name(s) :	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No :	UN 3264
Hazard Class - Primary :	8
Packing Group :	III
IATA Cargo Packing Instructions :	820
IATA Cargo Aircraft Limit :	60 L (Max net quantity per package)

MARINE TRANSPORT (IMDG/IMO) :

Proper Shipping Name :	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
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**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

Technical Name(s) :	PHOSPHORIC ACID, SULFURIC ACID
UN/ID No :	UN 3264
Hazard Class - Primary :	8
Packing Group :	III

15. REGULATORY INFORMATION

This section contains additional information that may have relevance to regulatory compliance. The information in this section is for reference only. It is not exhaustive, and should not be relied upon to take the place of an individualized compliance or hazard assessment. Nalco accepts no liability for the use of this information.

NATIONAL REGULATIONS, USA :**OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :**

Based on our hazard evaluation, the following substance(s) in this product is/are hazardous and the reason(s) is/are shown below.

Phosphoric Acid : Corrosive
Substituted aromatic amine : Eye irritant
Sulfuric Acid : Corrosive

CERCLA/SUPERFUND, 40 CFR 117, 302 :

This product contains the following Reportable Quantity (RQ) Substance. Also listed is the RQ for the product. If a reportable quantity of product is released, it requires notification to the NATIONAL RESPONSE CENTER, WASHINGTON, D.C. (1-800-424-8802).

RQ Substance
Sulfuric Acid

RQ
71,530 lbs

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313 :**SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355) :**

This product contains the following substance(s) which is listed in Appendix A and B as an Extremely Hazardous Substance. Listed below are the statutory Threshold Planning Quantity (TPQ) for the substance(s) and the Reportable Quantity (RQ) of the product. If a reportable quantity of product is released, it requires notification to your State Emergency Response Commission. You may also be required to notify the National Response Center - See CERCLA/SUPERFUND, above.

Extremely Hazardous Substance
Sulfuric Acid

TPQ
1,000 lbs

RQ
71,530 lbs

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370) :

Our hazard evaluation has found this product to be hazardous. The product should be reported under the following indicated EPA hazard categories:

X	Immediate (Acute) Health Hazard
-	Delayed (Chronic) Health Hazard
-	Fire Hazard

**SAFETY DATA SHEET****PRODUCT****3D TRASAR® 3DT189****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

- Sudden Release of Pressure Hazard
- Reactive Hazard

Under SARA 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372) :

This product contains the following substance(s), (with CAS # and % range) which appear(s) on the List of Toxic Chemicals

<u>Hazardous Substance(s)</u>	<u>CAS NO</u>	<u>% (w/w)</u>
Sulfuric Acid	7664-93-9	1.0 - 5.0

TOXIC SUBSTANCES CONTROL ACT (TSCA) :

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

FOOD AND DRUG ADMINISTRATION (FDA) Federal Food, Drug and Cosmetic Act :

When use situations necessitate compliance with FDA regulations, this product is acceptable under : 21 CFR 176.170 Components of paper and paperboard in contact with aqueous and fatty foods and 21 CFR 176.180 Components of paper and paperboard in contact with dry foods.

Limitation: For use only as a cooling water additive, where the cooling water blowdown is recycled into the papermill process water at a maximum recycle flow, which would result in no greater than 6.6 ppm as product in the mill process water.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311 :

This product contains the following substances listed in the regulation. Additional components may be unintentionally present at trace levels.

<u>Substance(s)</u>	<u>Citations</u>
• Phosphoric Acid • Sulfuric Acid	Sec. 311

CLEAN AIR ACT, Sec. 112 (40 CFR 61, Hazardous Air Pollutants), Sec. 602 (40 CFR 82, Class I and II Ozone Depleting Substances) :

This product may contain trace levels (<0.1% for carcinogens, <1% all other substances) of the following substance(s) listed under the regulation. Additional components may be unintentionally present at trace levels.

<u>Substance(s)</u>	<u>Citations</u>
• Methanol	Sec. 112, Sec. 111

CALIFORNIA PROPOSITION 65 :

Substances listed under California Proposition 65 are not intentionally added or expected to be present in this product.



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MICHIGAN CRITICAL MATERIALS :

Substances listed under this regulation are not intentionally added or expected to be present in this product. Listed components may be present at trace levels.

STATE RIGHT TO KNOW LAWS :

The following substances are disclosed for compliance with State Right to Know Laws:

The balance of the substances in this product are not classified as hazardous or are present below hazard cut-off limits	Proprietary
Phosphoric Acid	7664-38-2
Sulfuric Acid	7664-93-9
Substituted aromatic amine	Proprietary

NATIONAL REGULATIONS, CANADA :

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) :

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION :

E - Corrosive Material, D2A - Materials Causing Other Toxic Effects - Very Toxic Material

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :

This product contains substance(s) which are found on the Non-Domestic Substances List (NDSL).

AUSTRALIA

All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS).

CHINA

All substances in this product comply with the Provisions on the Environmental Administration of New Chemical Substances and are listed on the Inventory of Existing Chemical Substances China (IECSC).

EUROPE

The substances in this preparation have been reviewed for compliance with the EINECS or ELINCS inventories.

JAPAN

All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Existing and New Chemical Substances list (ENCS).

KOREA

All substances in this product comply with the Toxic Chemical Control Law (TCCL) and are listed on the Existing Chemicals List (ECL)



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PHILIPPINES

All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippines Inventory of Chemicals & Chemical Substances (PICCS).

16. OTHER INFORMATION

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

REFERENCES

Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, OH., (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Hazardous Substances Data Bank, National Library of Medicine, Bethesda, Maryland (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, Geneva: World Health Organization, International Agency for Research on Cancer.

Integrated Risk Information System, U.S. Environmental Protection Agency, Washington, D.C. (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

Annual Report on Carcinogens, National Toxicology Program, U.S. Department of Health and Human Services, Public Health Service.

Title 29 Code of Federal Regulations, Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration (OSHA), (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Registry of Toxic Effects of Chemical Substances, National Institute for Occupational Safety and Health, Cincinnati, OH, (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

Ariel Insight® (An integrated guide to industrial chemicals covered under major regulatory and advisory programs), North American Module, Western European Module, Chemical Inventories Module and the Generics Module (Ariel Insight® CD-ROM Version), Ariel Research Corp., Bethesda, MD.

The Teratogen Information System, University of Washington, Seattle, WA (TOMES CPS® CD-ROM Version), Micromedex, Inc., Englewood, CO.

Prepared By : Product Safety Department
Date issued : 09/04/2009
Version Number : 1.8

MATERIAL SAFETY DATA SHEET



Bayer MaterialScience

Bayer MaterialScience LLC
Product Safety & Regulatory Affairs
100 Bayer Road
Pittsburgh, PA 15205-9741
USA

TRANSPORTATION EMERGENCY

CALL CHEMTREC: (800) 424-9300
INTERNATIONAL: (703) 527-3887

NON-TRANSPORTATION

Bayer Emergency Phone: (412) 923-1800
Bayer Information Phone: (800) 662-2927

1. Product and Company Identification

Product Name: 22 DEGREE BAUME MURIATIC ACID
Material Number: 2925889
Chemical Family: Inorganic acid
Chemical Name: Hydrogen chloride solution
Synonyms: Hydrochloric acid, Aqueous solution of hydrochloric acid, Muriatic acid 36 %
Formula: Mixture of HCl and H₂O

2. Hazards Identification

Emergency Overview

DANGER! Color: Colorless to light yellow Form: Liquid Odor: Pungent, strong. Water runoff from fire fighting may be corrosive. Contact with metals liberates hydrogen gas. Reacts violently with water. Corrosive gases/fumes are given off during burning or thermal decomposition. Causes respiratory tract burns. Harmful if inhaled. Causes skin burns. May be harmful if absorbed through skin. Causes eye burns. Causes digestive tract burns. Harmful if swallowed.

Potential Health Effects

Primary Routes of Entry: Skin Contact, Eye Contact, Ingestion, Inhalation

Medical Conditions Aggravated by Exposure: Skin disorders, Respiratory disorders, Eye disorders

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE

Inhalation

Acute Inhalation

For Component: Hydrochloric Acid

Inhalation of low concentrations may cause irritation and burning of the throat, coughing and choking. Inhalation of high concentrations may be corrosive with symptoms of coughing, burning, ulceration, and pain. Inhalation of high concentrations may be life threatening.

Material Name: 22 DEGREE BAUME MURIATIC
ACID

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Chronic Inhalation**For Component: Hydrochloric Acid**

Repeated or prolonged overexposure may cause erosion and discoloration of exposed teeth, chronic bronchitis and gastritis (inflammation of the stomach).

Skin**Acute Skin****For Component: Hydrochloric Acid**

Corrosive with symptoms of reddening, itching, swelling, burning and possible permanent damage.

Eye**Acute Eye****For Component: Hydrochloric Acid**

Corrosive with symptoms of reddening, tearing, swelling, burning and possible permanent damage.

Ingestion**Acute Ingestion****For Component: Hydrochloric Acid**

Corrosive to the digestive tract with symptoms of burning and ulceration.

Carcinogenicity:

No Carcinogenic substances as defined by IARC, NTP and/or OSHA

3. Composition/Information on Ingredients**Hazardous Components**

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
36%	Hydrochloric Acid	7647-01-0

4. First Aid Measures**Eye Contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Use fingers to ensure that eyelids are separated and that the eye is being irrigated. Call a physician immediately.

Skin Contact

Wash off immediately with plenty of water for at least 15 minutes. Immediately remove contaminated clothing and shoes. Call a physician immediately. Wash clothing and shoes before reuse.

Inhalation

If inhaled, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

Ingestion

Do not induce vomiting. If conscious, give 2 glasses of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

5. Fire-Fighting Measures

Suitable Extinguishing Media: carbon dioxide (CO₂), foam, dry chemical

Material Name: 22 DEGREE BAUME MURIATIC
ACID

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Special Fire Fighting Procedures

Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize risk of rupture.

Unusual Fire/Explosion Hazards

Water runoff from fire fighting may be corrosive. Contact with metals liberates flammable gas. Corrosive gases/fumes may be given off during burning or thermal decomposition.

6. Accidental release measures**Spill and Leak Procedures**

Cleanup personnel must use appropriate personal protective equipment. Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal. Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater systems. Large spills should be contained and pumped into original or similar containers. Ventilate area to remove vapors or dust. Knock down vapors or dust with water spray or water fog. Cover spill with alkaline absorbent (e. g., soda ash, sodium bicarbonate, or dry lime) and collect for proper disposal. Wash spill area with water. Collect wash water for approved disposal.

7. Handling and Storage**Storage Period**

Unlimited in tightly closed containers.

Handling/Storage Precautions

Do not breathe vapours or spray mist. Do not get on skin or clothing. Do not get in eyes. Do not taste or swallow. Use only with adequate ventilation/personal protection. Wash thoroughly after handling. Keep container closed when not in use.

Further Info on Storage Conditions

Material can be stored safely at ambient temperatures.

8. Exposure Controls / Personal Protection**Hydrochloric Acid (7647-01-0)**

US. ACGIH Threshold Limit Values

Ceiling Limit Value: 2 ppm

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Ceiling Limit Value: 5 ppm, 7 mg/m³

US. ACGIH Threshold Limit Values

Hazard Designation: Group A4 Not classifiable as a human carcinogen.

Industrial Hygiene/Ventilation Measures

General dilution and local exhaust as necessary to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

Respiratory Protection

NIOSH approved air-purifying acid gas respirator.

Material Name: 22 DEGREE BAUME MURIATIC
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Hand Protection

Acid resistant gloves.

Eye Protection

Chemical resistant goggles must be worn., Chemical safety goggles in combination with a full face shield if a splash hazard exists.

Skin and body protection

Acid resistant coat, Acid resistant overalls

Additional Protective Measures

Employees should wash their hands and face before eating, drinking, or using tobacco products. Educate and train employees in the safe use and handling of this product. Emergency showers and eye wash stations should be available. Full body acid resistant suits and positive pressure, self-contained breathing apparatus should be available in case of large spills or other similar emergencies.

9. Physical and chemical properties

Form:	Liquid
Color:	Colorless to light yellow
Odor:	Pungent, strong
pH:	< 1.5 Acidic, In solution
Freezing Point:	Approximately -32.22 °C (-26 °F)
Boiling Point/Range:	61.11 - 63.33 °C (142 - 146 °F)
Flash Point:	Not Applicable
Vapor Pressure:	Approximately 76 mmHg @ 20 °C (68 °F)
Specific Gravity:	Approximately 1.18 @ 20 °C (68 °F)
Solubility in Water:	Soluble
Autoignition Temperature:	Not Applicable
Decomposition Temperature:	Not established
Bulk Density:	Approximately 9.83 lb/gal

10. Stability and Reactivity**Hazardous Reactions**

Hazardous polymerization does not occur.

Stability

Stable

Materials to avoid

metals, Bases, Active metals, Alkali metals, Oxidizing agents

Conditions to avoid

Avoid contact with moisture / water.

Hazardous decomposition products

By Fire and Thermal Decomposition: Hydrochloric Acid;

Other Decomposition Products Hydrogen; Chlorine;

11. Toxicological Information

Material Name: 22 DEGREE BAUME MURIATIC
ACID

Article Number: 2925889

Toxicity Data for Hydrochloric Acid**Acute Oral Toxicity**

LD50: 700 mg/kg (31.5 %) (rat)

Acute Inhalation Toxicity

LC50: 1.68 mg/l, aerosol, 1 hrs (rat)

LC50: 4.72 mg/l, vapor, 1 hrs (rat)

Acute dermal toxicity

LD50: > 5010 mg/kg (31 %) (rabbit)

LD50: 1,449 mg/kg (mouse)

Skin Irritation

rabbit, Exposure Time: 4 hrs, Corrosive

Eye Irritation

rabbit, Corrosive

Sensitization

dermal: non-sensitizer (mouse, Mouse ear swelling test)

dermal: non-sensitizer (Human, Patch Test)

Repeated Dose Toxicity

7 weeks, Inhalation: NOAEL: 0.015 mg/l, (guinea pig, male)

Mutagenicity

Genetic Toxicity in Vitro:

Ames: negative (Salmonella typhimurium, Metabolic Activation: with/without)

Positive and negative results were seen in various in vitro studies.

Genetic Toxicity in Vivo:

Drosophila SLRL test: positive (Drosophila melanogaster, male, inhalation)

Carcinogenicity

Rat, male, inhalation, lifetime, 6 hrs/day 5 days/week

No carcinogenic effects observed at the doses tested.

mouse, oral, 11 months, daily

Developmental Toxicity/Teratogenicity

rat, female, inhalation, premating and gestation, NOAEL (teratogenicity): 0.45 mg/l, NOAEL (maternal): <

0.45 mg/l,

Fetotoxicity seen only with maternal toxicity. No Teratogenic effects observed at doses tested.

12. Ecological Information**Ecological Data for Hydrochloric Acid****Biodegradation**

The methods for determining the biological degradability are not applicable to inorganic substances.

Acute and Prolonged Toxicity to Fish

LC50: 282 mg/L (pH 6.0 - 8.2) (Mosquitofish (Gambusia affinis), 96 hrs)

Additional Ecotoxicological Remarks

Harmful ecological effects due to the pH shift are expected.

Material Name: 22 DEGREE BAUME MURIATIC
ACID

Article Number: 2925889

13. Disposal considerations

Waste Disposal Method

Waste disposal should be in accordance with existing federal, state and local environmental control laws.

Empty Container Precautions

Recondition or dispose of empty container in accordance with governmental regulations. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

14. Transportation information

Land transport (DOT)

Proper Shipping Name: Hydrochloric acid
Hazard Class or Division: 8
UN/NA Number: UN1789
Packaging Group: II
Hazard Label(s): Corrosive

RSPA/DOT Regulated Components:

Hydrochloric Acid

Reportable Quantity: 13,888 lb

Sea transport (IMDG)

Proper Shipping Name: HYDROCHLORIC ACID
Hazard Class or Division: 8
UN-No: UN1789
Packaging Group: II
Hazard Label(s): Corrosive

Air transport (ICAO/IATA)

Proper Shipping Name: Hydrochloric acid
Hazard Class or Division: 8
UN-No: UN1789
Packaging Group: II
Hazard Label(s): Corrosive

15. Regulatory Information

United States Federal Regulations

OSHA Hazcom Standard Rating: Hazardous

US. Toxic Substances Control Act: Listed on the TSCA Inventory.

SNUR Components

Pentachlorobenzene US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final
Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)
1,2,4,5-Tetrachlorobenzene US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final

Material Name: 22 DEGREE BAUME MURIATIC
ACID

Article Number: 2925889

Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

US. EPA CERCLA Hazardous Substances (40 CFR 302):

Components

Hydrochloric Acid

Reportable quantity: 5,000 lbs

SARA Section 311/312 Hazard Categories:

Acute Health Hazard, Reactivity Hazard

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):**

Components

Hydrochloric Acid

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III
Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:**

Components

Hydrochloric Acid

**US. EPA Resource Conservation and Recovery Act (RCRA) Composite List of Hazardous Wastes
and Appendix VIII Hazardous Constituents (40 CFR 261):**

When discarded in its purchased form, this product meets the criteria of corrosivity, and should be managed as a hazardous waste (EPA Hazardous Waste Number D002). (40 CFR 261.20-24)

State Right-To-Know Information

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

The concentrations reported below in units of parts per million (ppm) or parts per billion (ppb) are maximum values.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
64%	Water	7732-18-5
36%	Hydrochloric Acid	7647-01-0

New Jersey Environmental Hazardous Substances List and/or New Jersey RTK Special Hazardous Substances Lists:

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
36%	Hydrochloric Acid	7647-01-0

MA Right to Know Extraordinarily Hazardous Substance List:

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
36%	Hydrochloric Acid	7647-01-0

California Prop. 65:

**Warning! This product contains chemical(s) known to the State of California to be Carcinogenic. -
Developmental toxin. - Male reproductive toxin.**

<u>Weight %</u>	<u>Components</u>	<u>CAS-No.</u>
0.1 ppb	Aniline	62-53-3
0.5 ppm	Chloroform	67-66-3
100 ppb	Benzene	71-43-2
0.5 ppm	Methylene Chloride	75-09-2
100 ppb	1,1-Dichloroethane	75-34-3
0.5 ppm	Carbon Tetrachloride	56-23-5
100 ppb	Benzyl Chloride	100-44-7

Material Name: 22 DEGREE BAUME MURIATIC
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100 ppb	p-Dichlorobenzene	106-46-7
100 ppb	1,2-Dichloroethane	107-06-2
0.5 ppm	Toluene	108-88-3
10 ppb	Hexachlorobenzene	118-74-1

16. Other Information

NFPA 704M Rating

Health	3
Flammability	0
Reactivity	0
Other	

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

HMIS Rating

Health	3
Flammability	0
Physical Hazard	0

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

* = Chronic Health Hazard

Bayer MaterialScience LLC's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS and NFPA ratings are provided by Bayer MaterialScience LLC as a customer service.

Contact Person:	Product Safety Department
Telephone:	(412) 777-2835
MSDS Number:	R300152
Version Date:	02/15/2005
Report Version:	1.2

This information is furnished without warranty, express or implied. This information is believed to be accurate to the best knowledge of Bayer MaterialScience LLC. The information in this MSDS relates only to the specific material designated herein. Bayer MaterialScience LLC assumes no legal responsibility for use of or reliance upon the information in this MSDS.

Material Name: 22 DEGREE BAUME MURIATIC
ACID

Article Number: 2925889

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME :** PermaTreat® PC-191**APPLICATION :** REVERSE OSMOSIS ANTISCALANT**COMPANY IDENTIFICATION :** Nalco Company
1601 W. Diehl Road
Naperville, Illinois
60563-1198**EMERGENCY TELEPHONE NUMBER(S) :** (800) 424-9300 (24 Hours) CHEMTREC**NFPA 704M/HMIS RATING****HEALTH :** 0 / 1 **FLAMMABILITY :** 1 / 1 **INSTABILITY :** 0 / 0 **OTHER :**
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Based on our hazard evaluation, none of the substances in this product are hazardous.

3. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW******CAUTION**

May cause irritation with prolonged contact.

Do not get in eyes, on skin, on clothing. Do not take internally. Wear suitable protective clothing. Keep container tightly closed. Flush affected area with water.

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions.

PRIMARY ROUTES OF EXPOSURE :

Eye, Skin

HUMAN HEALTH HAZARDS - ACUTE :**EYE CONTACT :**

May cause irritation with prolonged contact.

SKIN CONTACT :

May cause irritation with prolonged contact.

INGESTION :

May cause gastrointestinal irritation.

INHALATION :

May cause irritation of mucous membranes.



MATERIAL SAFETY DATA SHEET

PRODUCT

PermaTreat® PC-191

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

SYMPTOMS OF EXPOSURE :

Acute :

A review of available data does not identify any symptoms from exposure not previously mentioned.

Chronic :

A review of available data does not identify any symptoms from exposure not previously mentioned.

AGGRAVATION OF EXISTING CONDITIONS :

A review of available data does not identify any worsening of existing conditions.

4. FIRST AID MEASURES

EYE CONTACT :

Immediately flush eye with water for at least 15 minutes while holding eyelids open. If symptoms persist, call a physician.

SKIN CONTACT :

Immediately flush with plenty of water for at least 15 minutes. If symptoms persist, call a physician.

INGESTION :

Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If symptoms develop, seek medical advice.

INHALATION :

Remove to fresh air, treat symptomatically. If symptoms develop, seek medical advice.

NOTE TO PHYSICIAN :

Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.

5. FIRE FIGHTING MEASURES

FLASH POINT : Will not burn: inorganic or water-based product

EXTINGUISHING MEDIA :

Use extinguishing media appropriate for surrounding fire. This product would not be expected to burn unless all the water is boiled away. The remaining organics may be ignitable.

FIRE AND EXPLOSION HAZARD :

May evolve oxides of carbon (COx) under fire conditions. May evolve oxides of nitrogen (NOx) under fire conditions.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTING :

In case of fire, wear a full face positive-pressure self contained breathing apparatus and protective suit.



MATERIAL SAFETY DATA SHEET

PRODUCT

PermaTreat® PC-191

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS :

Restrict access to area as appropriate until clean-up operations are complete. Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Stop or reduce any leaks if it is safe to do so. Do not touch spilled material. Ventilate spill area if possible.

METHODS FOR CLEANING UP :

SMALL SPILLS: Soak up spill with absorbent material. Place residues in a suitable, covered, properly labeled container. Wash affected area. **LARGE SPILLS:** Contain liquid using absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Contact an approved waste hauler for disposal of contaminated recovered material. Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).

ENVIRONMENTAL PRECAUTIONS :

Do not contaminate surface water., Do not allow material to contaminate ground water system., Prevent material from entering sewers or waterways.

7. HANDLING AND STORAGE

HANDLING :

Do not take internally. Ensure all containers are labelled. Keep the containers closed when not in use. Avoid eye and skin contact. Keep away from acids and oxidizing agents.

STORAGE CONDITIONS :

Store the containers tightly closed.

SUITABLE CONSTRUCTION MATERIAL :

PVC, Polyurethane, Polypropylene, Polyethylene, Stainless Steel 304

UNSUITABLE CONSTRUCTION MATERIAL :

Brass, Buna-N, Hypalon, Viton, Neoprene

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS :

This product does not contain any substance that has an established exposure limit.

ENGINEERING MEASURES :

General ventilation is recommended. Local exhaust ventilation may be necessary when dusts or mists are generated.

RESPIRATORY PROTECTION :

If significant mists, vapors or aerosols are generated an approved respirator is recommended.

HAND PROTECTION :

Nitrile gloves, Butyl gloves, PVC gloves, Neoprene gloves

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****SKIN PROTECTION :**

Wear standard protective clothing.

EYE PROTECTION :

Wear chemical splash goggles.

HYGIENE RECOMMENDATIONS :

Keep a safety shower available. If clothing is contaminated, remove clothing and thoroughly wash the affected area. Launder contaminated clothing before reuse. Keep an eye wash fountain available.

HUMAN EXPOSURE CHARACTERIZATION :

Based on our recommended product application and personal protective equipment, the potential human exposure is: Low

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE	Liquid
APPEARANCE	Yellow
ODOR	Ammoniacal
SPECIFIC GRAVITY	1.36
DENSITY	11.33 lb/gal
SOLUBILITY IN WATER	Complete
pH (100 %)	10.5
VISCOSITY	15 cps @ 77 °F / 25 °C
OCTANOL/WATER COEFFICIENT (log Kow)	3.5

Note: These physical properties are typical values for this product and are subject to change.

10. STABILITY AND REACTIVITY**STABILITY :**

Stable under normal conditions.

HAZARDOUS POLYMERIZATION :

Hazardous polymerization will not occur.

CONDITIONS TO AVOID :

Freezing temperatures.

MATERIALS TO AVOID :

Strong oxidizing agents Strong acids

HAZARDOUS DECOMPOSITION PRODUCTS :

Under fire conditions: Oxides of carbon, Oxides of nitrogen

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC****11. TOXICOLOGICAL INFORMATION**

The following results are for the product.

ACUTE ORAL TOXICITY :

Species	LD50	Test Descriptor
Rat	> 17,800 mg/kg	Product
Rating :	Non-Hazardous	

ACUTE DERMAL TOXICITY :

Species	LD50	Test Descriptor
Rabbit	> 15,800 mg/kg	Product
Rating :	Non-Hazardous	

PRIMARY SKIN IRRITATION :

Draize Score	Test Descriptor
0.3 / 8.0	Product
Rating :	Practically non-irritating

PRIMARY EYE IRRITATION :

Draize Score	Test Descriptor
3.7 / 110.0	Product
Rating :	Practically non-irritating

SENSITIZATION :

This product is not expected to be a sensitizer.

CARCINOGENICITY :

None of the substances in this product are listed as carcinogens by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP) or the American Conference of Governmental Industrial Hygienists (ACGIH).

HUMAN HAZARD CHARACTERIZATION :

Based on our hazard characterization, the potential human hazard is: Low

12. ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL EFFECTS :**

The following results are for the product.

ACUTE FISH RESULTS :

Species	Exposure	LC50	Test Descriptor
Rainbow Trout	96 hrs	> 959 mg/l	Product
Sheepshead Minnow	96 hrs	> 1,000 mg/l	Product
Bluegill Sunfish	96 hrs	> 300 mg/l	Product
Channel Catfish	96 hrs	1,212 mg/l	Product

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

Rainbow Trout	96 hrs	> 330 mg/l	Product
Bluegill Sunfish	96 hrs	> 330 mg/l	Product

Rating : Essentially non-toxic

ACUTE INVERTEBRATE RESULTS :

Species	Exposure	LC50	EC50	Test Descriptor
Daphnia magna	48 hrs		863 mg/l	Product
Grass Shrimp	96 hrs	> 1,000 mg/l		Product
Daphnia magna	48 hrs	297 mg/l		Product

Rating : Essentially non-toxic

AQUATIC PLANT RESULTS :

Species	Exposure	EC50/LC50	Test Descriptor
Green Algae (Selenastrum capricornutum)	96 hrs	20 mg/l	Product

Rating :

AVIAN RESULTS :

Species	Exposure	LC50	Test Descriptor
Bobwhite Quail	14 Days	> 2,510 mg/kg	Product

MOBILITY :

The environmental fate was estimated using a level III fugacity model embedded in the EPI (estimation program interface) Suite TM, provided by the US EPA. The model assumes a steady state condition between the total input and output. The level III model does not require equilibrium between the defined media. The information provided is intended to give the user a general estimate of the environmental fate of this product under the defined conditions of the models. If released into the environment this material is expected to distribute to the air, water and soil/sediment in the approximate respective percentages;

Air	Water	Soil/Sediment
<5%	30 - 50%	50 - 70%

The portion in water is expected to be soluble or dispersible.

BIOACCUMULATION POTENTIAL

This preparation or material is not expected to bioaccumulate.

ENVIRONMENTAL HAZARD AND EXPOSURE CHARACTERIZATION

Based on our hazard characterization, the potential environmental hazard is: Low

Based on our recommended product application and the product's characteristics, the potential environmental exposure is: Low

If released into the environment, see CERCLA/SUPERFUND in Section 15.

13. DISPOSAL CONSIDERATIONS

If this product becomes a waste, it is not a hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D.

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

As a non-hazardous waste, it is not subject to federal regulation. Consult state or local regulation for any additional handling, treatment or disposal requirements. For disposal, contact a properly licensed waste treatment, storage, disposal or recycling facility.

14. TRANSPORT INFORMATION

The information in this section is for reference only and should not take the place of a shipping paper (bill of lading) specific to an order. Please note that the proper Shipping Name / Hazard Class may vary by packaging, properties, and mode of transportation. Typical Proper Shipping Names for this product are as follows.

LAND TRANSPORT :

Proper Shipping Name :

**PRODUCT IS NOT REGULATED DURING
TRANSPORTATION****AIR TRANSPORT (ICAO/IATA) :**

Proper Shipping Name :

**PRODUCT IS NOT REGULATED DURING
TRANSPORTATION****MARINE TRANSPORT (IMDG/IMO) :**

Proper Shipping Name :

**PRODUCT IS NOT REGULATED DURING
TRANSPORTATION****15. REGULATORY INFORMATION****NATIONAL REGULATIONS, USA :****OSHA HAZARD COMMUNICATION RULE, 29 CFR 1910.1200 :**

Based on our hazard evaluation, none of the substances in this product are hazardous.

CERCLA/SUPERFUND, 40 CFR 117, 302 :

Notification of spills of this product is not required.

SARA/SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (TITLE III) - SECTIONS 302, 311, 312, AND 313 :**SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355) :**

This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTIONS 311 AND 312 - MATERIAL SAFETY DATA SHEET REQUIREMENTS (40 CFR 370) :

Our hazard evaluation has found that this product is not hazardous under 29 CFR 1910.1200.

Under SARA 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are: 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.



MATERIAL SAFETY DATA SHEET

PRODUCT

PermaTreat® PC-191

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

SECTION 313 - LIST OF TOXIC CHEMICALS (40 CFR 372) :

This product does not contain substances on the List of Toxic Chemicals.

TOXIC SUBSTANCES CONTROL ACT (TSCA) :

The substances in this preparation are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

This product has been certified as KOSHER/PAREVE for year-round use INCLUDING THE PASSOVER SEASON by the CHICAGO RABBINICAL COUNCIL.

NSF INTERNATIONAL :

This product has received NSF/International certification under ANSI/NSF Standard 60 in the reverse osmosis antiscalant category. The official name is "Miscellaneous Water Supply Products." Maximum product application dosage is : 5 mg/l.

FEDERAL WATER POLLUTION CONTROL ACT, CLEAN WATER ACT, 40 CFR 401.15 / formerly Sec. 307, 40 CFR 116.4 / formerly Sec. 311 :

None of the substances are specifically listed in the regulation.

CLEAN AIR ACT, Sec. 111 (40 CFR 60, Volatile Organic Compounds), Sec. 112 (40 CFR 61, Hazardous Air Pollutants), Sec. 602 (40 CFR 82, Class I and II Ozone Depleting Substances) :

None of the substances are specifically listed in the regulation.

CALIFORNIA PROPOSITION 65 :

This product does not contain substances which require warning under California Proposition 65.

MICHIGAN CRITICAL MATERIALS :

None of the substances are specifically listed in the regulation.

STATE RIGHT TO KNOW LAWS :

The following substances are disclosed for compliance with State Right to Know Laws:

Water	7732-18-5
Phosphonate	Proprietary

NATIONAL REGULATIONS, CANADA :

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) :

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION :

Not considered a WHMIS controlled product.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) :

The substances in this preparation are listed on the Domestic Substances List (DSL), are exempt, or have been reported in accordance with the New Substances Notification Regulations.



MATERIAL SAFETY DATA SHEET

PRODUCT

PermaTreat® PC-191

EMERGENCY TELEPHONE NUMBER(S)

(800) 424-9300 (24 Hours) CHEMTREC

INTERNATIONAL CHEMICAL CONTROL LAWS

AUSTRALIA

All substances in this product comply with the National Industrial Chemicals Notification & Assessment Scheme (NICNAS) and are listed on the Australian Inventory of Chemical Substances (AICS).

EUROPE

The substances in this preparation have been reviewed for compliance with the EINECS or ELINCS inventories.

JAPAN

All substances in this product comply with the Law Regulating the Manufacture and Importation Of Chemical Substances and are listed on the Ministry of International Trade & Industry List (MITI).

KOREA

All substances in this product comply with the Toxic Chemical Control Law (TCCL) and are listed on the Existing Chemicals List (ECL)

THE PHILIPPINES

All substances in this product comply with the Republic Act 6969 (RA 6969) and are listed on the Philippine Inventory of Chemicals & Chemical Substances (PICCS).

16. OTHER INFORMATION

Due to our commitment to Product Stewardship, we have evaluated the human and environmental hazards and exposures of this product. Based on our recommended use of this product, we have characterized the product's general risk. This information should provide assistance for your own risk management practices. We have evaluated our product's risk as follows:

* The human risk is: Low

* The environmental risk is: Low

Any use inconsistent with our recommendations may affect the risk characterization. Our sales representative will assist you to determine if your product application is consistent with our recommendations. Together we can implement an appropriate risk management process.

This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, exposures should be evaluated so that appropriate handling practices and training programs can be established to insure safe workplace operations. Please consult your local sales representative for any further information.

REFERENCES

Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, American Conference of Governmental Industrial Hygienists, OH., (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

**MATERIAL SAFETY DATA SHEET****PRODUCT****PermaTreat® PC-191****EMERGENCY TELEPHONE NUMBER(S)****(800) 424-9300 (24 Hours) CHEMTREC**

Hazardous Substances Data Bank, National Library of Medicine, Bethesda, Maryland (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Man, Geneva: World Health Organization, International Agency for Research on Cancer.

Integrated Risk Information System, U.S. Environmental Protection Agency, Washington, D.C. (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Annual Report on Carcinogens, National Toxicology Program, U.S. Department of Health and Human Services, Public Health Service.

Title 29 Code of Federal Regulations, Part 1910, Subpart Z, Toxic and Hazardous Substances, Occupational Safety and Health Administration (OSHA), (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

Registry of Toxic Effects of Chemical Substances, National Institute for Occupational Safety and Health, Cincinnati, OH, (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Ariel Insight# (An integrated guide to industrial chemicals covered under major regulatory and advisory programs), North American Module, Western European Module, Chemical Inventories Module and the Generics Module (Ariel Insight# CD-ROM Version), Ariel Research Corp., Bethesda, MD.

The Teratogen Information System, University of Washington, Seattle, WA (TOMES CPS# CD-ROM Version), Micromedex, Inc., Englewood, CO.

Prepared By : Product Safety Department
Date issued : 02/26/2004
Version Number : 1.8

Dimmitt Sulfur Products, LTD

PO Box 10, Texline, TX 79087

Telephone (800) 692-1393

Fax (806) 362-4906



MATERIAL SAFETY DATA SHEET SODIUM BISULPHITE, SOLUTION FOOD PROCESSING AID

SECTION I***CHEMICAL PRODUCT AND COMPANY IDENTIFICATION***

(Issue Date 09/01/2003)

PRODUCT NAME: SODIUM BISULPHITE, SOLUTION

CHEMICAL FORMULA: NaHSO₃

CHEMICAL SYNONYMS / COMMON NAMES: Sodium Hydrogen Sulphite
Sodium Bisulphite, Solution

CHEMICAL FAMILY: Inorganic Salt

MANUFACTURER'S Name and Address: Dimmitt Sulfur Products, LTD
PO Box 10
Texline, TX 79087

Telephone: 1-800-692-1393 or (806) 362-4261

Emergency Number: 1-806-647-2121

Chemtrec: 1-800-424-9300

SECTION II***COMPOSITION, INFORMATION ON INGREDIENTS***

CAS#	CHEMICAL NAME	%	Toxicity Data
7631-90-5	Sodium Bisulphite (NaHSO ₃)	20-43	No information available
7732-18-5	Water	57-80	No information available

LIST LEGEND:

00 TSCA INVENTORY

19 PA REQUIREMENT - 3% or Greater

22 CANADIAN DOMESTIC SUB LIST

23 NJ REQUIREMENT - 1% or Greater

50 PHILIPPINES INVENTORY (PICCS)

SECTION III***HAZARDS IDENTIFICATION***

EMERGENCY OVERVIEW

LIQUID, VAPORS OR MIST MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT. STRONG REDUCING AGENT MAY CAUSE PERMANENT EYE DAMAGE.

Clear to pale - yellow solution with a slight sulfur odor.

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Absorption, Inhalation, and Ingestion.

TARGET ORGANS: Eyes, Skin, Respiratory Tract, Gastrointestinal Tract, and Lungs.

IRRITANCY: Extremely irritating to skin, eyes and mucous membranes. Permanent eye damage may result from eye contact.

SENSITIZING CAPABILITY: None Known.

REPRODUCTIVE EFFECTS: None Known.

CANCER INFORMATION: None Known.

SHORT TERM EXPOSURE (ACUTE)

INHALATION: Exposure to vapor, mist or liquid can produce irritation of the respiratory tract.

EYES: Strongly irritating to eyes. Exposure to vapor can cause tearing, conjunctivitis and burning of the eyes. Eye contact may cause corneal injury.

SKIN: Contact may cause burns and tissue destruction.

INGESTION: Strongly irritating to mucous membranes. Can cause severe burns to the mucous membranes of the digestive tract.

REPEATED EXPOSURE (CHRONIC): None Known.

SYNERGISTIC MATERIALS: None Known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known.

SECTION IV*FIRST AID MEASURES*****

EYES: IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

SKIN: Wash thoroughly with soap and water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

INHALATION: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth - to - mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: May cause severe allergic reaction in some asthmatics and sulfite sensitive individuals. IF CONSCIOUS, GIVE PLENTY OF WATER OR MILK. INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. GET IMMEDIATE MEDICAL ATTENTION.

SECTION V*FIRE FIGHTING MEASURES*****

Flash Point: Non - Flammable

Method: Not Applicable

Auto-Ignition: Not Applicable

FLAMMABLE LIMITS IN AIR, BY % VOLUME:

Upper: Non - Flammable

Lower: Non - Flammable

EXTINGUISHING MEDIA: Use agents appropriate for surrounding fire.

FIRE FIGHTING PROCEDURES: Wear NIOSH / MSHA approved positive pressure self - contained breathing apparatus and full protective clothing.

FIRE AND EXPLOSION HAZARD: This product is non - flammable and non - explosive under normal conditions of use. At high temperatures this product can decompose to give off toxic fumes.

SENSITIVITY TO MECHANICAL IMPACT: Not sensitive

SENSITIVITY TO STATIC DISCHARGE: Not sensitive

SECTION VI*ACCIDENTAL RELEASE MEASURES*****

PERSONAL PRECAUTIONS: People performing the clean - up should have full protective equipment including NIOSH / MSHA approved positive pressure self - contained breathing apparatus. Follow protective measures provided under Personal Protection in Section VIII.

ENVIRONMENTAL PRECAUTIONS: Contain spill with dike to prevent entry into sewers or waterways. Spills or releases should be reported, if required, to the appropriate local, state and federal agencies.

WASTE DISPOSAL: Consult Dimmitt Sulfur Products, LTD, for assistance in disposing of excess material.

METHODS OF CLEANING UP: Large spills should be removed by vacuum truck. Smaller spills may be soaked up and neutralized with soda ash which should be placed in closed containers, labeled and stored in a safe place outdoors to await proper disposal. Spills on areas other than pavement, e.g., dirt or sand, may be handled by removing the affected soils and placing in approved containers.

SECTION VII*HANDLING AND STORAGE*****

HANDLING: Do not get in eyes, on skin or clothing. Do not take internally. Wear personal protective equipment as describe in Exposure Controls Personal Protection (Section VIII) of the MSDS. Avoid breathing airborne particulate, wear respiratory protection when exposure is possible.

Use with adequate ventilation.
Keep container tightly closed and properly labeled.
Wash contaminated clothing before reuse.
Wash thoroughly after handling.
Wear goggles or face shield and rubber gloves when handling.

SPECIAL MIXING AND HANDLING INSTRUCTIONS:Not Applicable.

STORAGE: Keep container tightly closed and properly labeled.
Store in a cool, ventilated area away from incompatible materials
(See Section X).

SECTION VIII*EXPOSURE CONTROLS / PERSONAL PROTECTION*****

ENGINEERING CONTROLS: There are no occupational exposure limits established at this time. Since this material may be irritating to skin and mucous membranes, general room ventilation plus local exhaust at points of emission should be used to maintain levels of airborne contaminants as low as feasibly possible.

PERSONAL PROTECTION

RESPIRATORY: Respiratory protection is not required under normal use. Wear a NIOSH / MSHA approved respirator following manufacturer's recommendations, when airborne contaminants may occur.

EYE / FACE: Wear chemical safety goggles plus full-face shields to protect against splashing when appropriate (ANSI Z87.1).

SKIN: Wear chemical resistant arm length or gauntlet gloves.
Wear protective clothing to minimize skin contact.

OTHER: Standard work clothing closed at the neck and wrists. Emergency shower and eyewash facility should be in close proximity (ANSI Z358.1).

SECTION IX***PHYSICAL AND CHEMICAL PROPERTIES***

APPEARANCE AND ODOR: Clear to pale - yellow solution with a slight sulfur odor.

ODOR THRESHOLD: Not Available

BOILING POINT: >104° C

MELTING POINT: Not Determined

VAPOR PRESSURE: Not Determined

SPECIFIC GRAVITY: 1.320 - 1.3450

% VOLATILE BY VOLUME: Not Determined

VAPOR DENSITY: Not Determined

EVAPORATION RATE: Not Determined

pH: 3.0 - 5.0

SOLUBILITY IN WATER, % by wt: 45% @ 20 °C

SECTION X***STABILITY AND REACTIVITY***

CHEMICAL STABILITY: Stable

REACTS WITH: Heat, Oxidizers, Acids, Alkalis

HAZARDOUS POLYMERIZATION: Will not occur

COMMENTS: Avoid contact with oxidizing agents.
Avoid heat, sparks and open flames

HAZARDOUS DECOMPOSITION PRODUCTS: Generates toxic and irritating gases at high temperatures.

SECTION XI***TOXICOLOGICAL INFORMATION***

7631-90-5 SODIUM BISULPHITE

Sulphite salts cause gastric irritation by liberation of sulfurous acid. The sodium salt is basic and may be irritating to corrosive tissues depending on the concentration.

SECTION XII***ECOLOGICAL INFORMATION***

7631-90-5 SODIUM BISULPHITE

AQUATIC ECOTOX DATA: 240 ppm/24,48 & 96 hr. / mosquito fish / TL_m / fresh water (100 % basis).

TERRESTRIAL ECOTOX DATA: No Data Available

OCTANOL / WATER PARTITION COEFFICIENT: No Data Available

ENVIRONMENTAL FATE DATA: No Data Available

There is no specific information available on the environmental fate and effects of SODIUM HYDROGEN SULPHITE (sodium bisulphite). Due caution should be exercised to avoid accidental release of this material to aquatic or terrestrial environments.

SECTION XIII***DISPOSAL CONSIDERATIONS***

Dispose of all waste and contaminated equipment in accordance with all applicable Local, State and Federal Health and Environmental regulations.

The materials resulting from clean - up operations may be hazardous wastes and, therefore, subject to specific regulations. Package, store, transport and dispose of all (clean - up) materials and any contaminated equipment in accordance with all applicable Local, State and Federal regulations.

SECTION XIV***TRANSPORT INFORMATION***

DOT ID NUMBER: UN 2693
DOT CLASSIFICATION: Corrosive Material
DOT SHIPPING NAME: Bisulphites, inorganic, aqueous solutions, n.o.s., 8, PG III, (Sodium bisulphite).

OTHER REQUIREMENTS: Corrosive Placards are required on containers over 119 gallons (450L). Corrosive labels are required on smaller containers. Reportable Quantity (RQ) is 5,000 lbs. (100% basis).

SECTION XV***REGULATORY INFORMATION***

U.S. FEDERAL REGULATIONS: OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you and it is your legal duty to make all information in the Material Safety Data Sheet available to your employees.

To aid our customers in complying with regulatory requirements, SARA Title III Hazard Categories for this product are indicated below. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40.CFR.370. Please consult those regulations for details.

TSCA: All components of this product that are required to be on the TSCA inventory are listed on the inventory.

SARA / TITLE III HAZARD CATEGORIES:

Immediate (Acute) Health: YES
Delayed (Chronic) Health: NO

Fire Hazard: NO
Reactive Hazard: NO
Sudden Release of Pressure: NO

HMIS HAZARD RATINGS:

Least = 0 Slight = 1 Moderate = 2 High = 3 Extreme = 4

Health Hazard = 3
Fire Hazard = 0
Reactivity = 1

STATE REGULATIONS: See Section II, COMPOSITION / INFORMATION ON INGREDIENTS list legend for applicable state regulation.

INTERNATIONAL REGULATIONS: Consult the regulations of the importing country.

CANADA, WHMIS Hazard Class: Not Classifiable

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstracts Service Registry Number

CEILING = Ceiling Limit (15 minutes)

CEL = Corporate Exposure Limit

OSHA = Occupational Safety Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minutes)

TDG = Transportation of Dangerous Goods (Canada)

TLV = Threshold Limit Value

TWA = Time Weighted Average (8 hours)

WHMIS = Worker Hazardous Materials Information System (Canada)

SECTION XVI*WARNING LABEL INFORMATION*****

SIGNAL WORD: CORROSIVE

HAZARD WARNINGS: Flash Point / Non Flammable

LIQUID, VAPOR OR MIST MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT. STRONG REDUCING AGENT MAY CAUSE PERMANENT EYE DAMAGE.

PRECAUTIONS: Use with adequate ventilation and wear respiratory protection when exposure to dust, mist or spray is possible.

Avoid breathing dust, vapors or mist.

Wear safety goggles with side shields or chemical splash goggles, protective clothing and chemical resistant gloves.

Avoid contact with eyes, skin and clothing.

Avoid contact with oxidizers, strong acids and alkalis.

Do Not Swallow. Wash thoroughly after handling.

FIRST AID:

EYES: IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. IF IRRITATION PERSIST GET MEDICAL ATTENTION.

SKIN: Wash thoroughly with soap and water. Wash clothing before reuse. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.

INHALATION: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If respiration stops, give mouth - to mouth resuscitation. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: May irritate gastrointestinal tract. Very large doses cause violent colic, diarrhea, depression and death. May cause severe allergic reaction in some asthmatics and sulfite sensitive individuals. IF CONSCIOUS, GIVE PLENTY OF WATER OR MILK. INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. GET IMMEDIATE MEDICAL ATTENTION.

IN CASE OF SPILL OR LEAK:

Contain liquids and prevent discharges to streams or sewer systems.

For large spills, dike and pump into properly labeled containers for reclamation or disposal.

For small spills, soak up with absorbent material and place in properly labeled containers for disposal.

Wear full protective equipment and clothing.

FIRE: Fire will liberate toxic gases. Use extinguishing medium as appropriate for surrounding fire. Use NIOSH / MSHA self-contained breathing apparatus and full protective equipment.

HANDLING AND STORAGE: Keep container tightly closed and properly labeled. Material is damaged by moisture. Store in a cool, dry, well ventilated area away from acids, alkalis and strong oxidizing agents. Wear personal protective equipment as described in Exposure Controls / Personal Protection (Section VIII) of the MSDS.

DISPOSAL: Material that cannot be reused or chemically reprocessed should be disposed of in a manner meeting government regulations. Always package, store, transport and dispose of all waste and contaminated equipment in accordance with all applicable Local, State and Federal regulations.

INFORMATION REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS:

This product contains:

CAS #	NAME
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7631-90-5	SODIUM HYDROGEN SULPHITE (SODIUM BISULPHITE) WATER
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HMIS RATING: **HEALTH = 3** **FLAMMABILITY = 0** **REACTIVITY = 1**

IMPORTANT: The information presented herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge. NO WARRANTY OF MERCHANTABILITY IS MADE REGARDING PERFORMANCE, STABILITY OR OTHERWISE. This information is not intended to be all-inclusive as to the manner and conditions of use, handling and storage. Other factors may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as a recommendation to infringe any existing patents or violate any local, state or federal laws, rules, regulations or ordinances.

For additional non-emergency health, safety or environmental information, please call (806) 362-4261 or write to:

Dimmitt Sulfur Products, LTD
PO Box 10
Texline, TX 79087

Material Safety Data Sheet

Provided by:
DPC Industries, Inc. DX Systems Company
DPC Enterprises, LP DX Terminals
DXI Industries, Inc.

PO Box 24600
Houston, Tx 77229-4600
281-457-4888
888-647-7717
www.dxgroup.com

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name DIXICHLOR

Synonyms BLEACH

Chemical Name SODIUM HYPOCHLORITE 10%

Date of Issue: 1/8/2001

Emergency phone: 281-457-4888

Reviewed / Revision Date: 05/11/2006

Chemtrec: 800-424-9300

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	PERCENT	CAS NO.
SODIUM HYPOCHLORITE	10	7681-52-9
SODIUM CHLORIDE	7 - 8	7647-14-5
SODIUM HYDROXIDE	0.5 - 2	1310-73-2
WATER	REMAINDER	7732-18-5

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects

ACGIH - TLV: NOT ESTABLISHED.

Eye Contact MAY CAUSE SEVERE PAIN, BLURRED VISION, TEARING AND SWELLING. CONCENTRATED SOLUTIONS MAY CAUSE BURNING.

Skin Contact MAY CAUSE MODERATE SKIN IRRITATION. CONTACT WITH CONCENTRATED SOLUTIONS MAY BLEACH THE SKIN AND CAUSE REDNESS, PAIN, BLISTERING, ITCHY ECZEMA AND POSSIBLE CHEMICAL BURNS.

Ingestion MAY CAUSE PAIN AND INFLAMMATION OF THE MOUTH, THROAT, ESOPHAGUS, AND STOMACH. CAN CAUSE EROSION OF MUCOUS MEMBRANES, ESPECIALLY IN THE STOMACH.

Inhalation VAPORS MAY CAUSE SLIGHT TO SEVERE IRRITATION OF THE RESPIRATORY TRACT. HIGH CONCENTRATIONS MAY CAUSE SORE THROAT, BLISTERING, DELAYED PULMONARY EDEMA (SWELLING OF LUNG TISSUE) AND SHORTNESS OF BREATH.

Carcinogenicity: NTP NO IARC NO OSHA NO

SECTION 4 - FIRST AID PROCEDURES

Eye Contact: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

Skin Contact: IMMEDIATELY REMOVE CONTAMINATED CLOTHING OR SHOES, WIPE EXCESS FROM SKIN AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. USE SOAP IF AVAILABLE OR FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. GET MEDICAL ATTENTION.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER OR MILK AND GET IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH

TO AN UNCONSCIOUS PERSON!

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point (°F)	NONFLAMMABLE.
Extinguishing Media	USE MEDIA APPROPRIATE FOR SURROUNDING AREA.
Special Firefighting Procedures/Precuations	WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. STAY UPWIND AND KEEP OUT OF LOW AREAS.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

For Spill:	CLEAN-UP PERSONNEL SHOULD USE PROTECTIVE EQUIPMENT TO PREVENT CONTACT. CONTAIN MATERIAL. PLACE COLLECTED MATERIAL IN A DISPOSAL CONTAINER. PREVENT LIQUID FROM ENTERING SEWERS OR WATERWAYS. DO NOT USE COMBUSTIBLE ABSORBENTS.
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SECTION 7 - HANDLING AND STORAGE

Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area, away from heat and incompatible materials. Protect containers from physical damage.

AVOID CONTACT WITH EYES AND SKIN AND INHALATION OF VAPORS, MISTS, AND FUMES.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection	USE NIOSH APPROVED RESPIRATOR PROTECTION. FOR CANISTER TYPE RESPIRATORS, USE CHLORINE FILTERS. IN CASE OF FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS.
Ventilation	LOCAL AND MECHANICAL RECOMMENDED.
Protective Gloves	CHEMICAL IMPERVIOUS GLOVES.
Eye/Face Protection	CHEMICAL SAFETY GOGGLES AND/OR FULL-FACE SHIELD.
Other Protection	CHEMICAL RESISTANT CLOTHING SUCH AS COVERALLS/APRON, BOOTS, ETC.
Work Practices	USE GOOD PERSONAL HYGIENE PRACTICES. WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. PROMPTLY REMOVE SOILED CLOTHING AND WASH THOROUGHLY BEFORE REUSE. SHOWER AFTER WORK USING PLENTY OF SOAP AND WATER.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (°F)	IMPOSES	Vapor Pressure (mmHg):	17.5 (@ 20 C)
Freezing Point (°F)		Vapor Density (Air=1):	NOT ESTABLISHED.
Solubility (H2O)	COMPLETE	Specific Gravity (H2O=1):	1.20 - 1.40
pH		Evaporation Rate:	NOT ESTABLISHED.
Appearance/Odor:	CLEAR, PALE YELLOW OR GREENISH LIQUID WITH A CHLORINE ODOR.		

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:	YES
Incompatible Material:	ANY ACIDIC MATERIAL, AMMONIA, UREA, OXIDIZABLE MATERIALS AND METALS, SUCH AS NICKEL, COPPER, TIN, ALUMINUM AND IRON.
Hazardous Polymerization:	WILL NOT OCCUR.
Decomposition Products:	CHLORINE GAS RATE OF DECOMPOSITION INCREASES WITH THE CONCENTRATION WITH TEMPERATURES ABOVE 85 DEGREES F.

SECTION 11 - TOXICITY INFORMATION

Oral = > 8000 mg/kg (Rat) Dermal LD50 = N.E. Inhalation LC50 = > 10.5 mg/l (Rat)

SECTION 12 - ECOLOGICAL INFORMATION

DAPHNIA MAGNA 24 HR. LC50 = > 500 MG/L ZEBRA FISH STATIC 24 HR. LC50 = > 500 MG/L

SECTION 13 - DISPOSAL CONSIDERATIONS

DO NOT DISCHARGE INTO WATERWAYS OR SEWER SYSTEMS WITHOUT PRIOR APPROVAL. EMPTY DRUMS, AS DEFINED BY RCRA, MAY BE SENT TO LICENSED DRUM RECONDITIONED FOR REUSE.

DISPOSE OF WASTE MATERIALS ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14 - TRANSPORT INFORMATION

USA DOT Shipping Name: HYPOCHLORITE SOLUTION

Hazard Class: 8

UN/NA Number: UN1791

Packing Group: III

Subsidiary Hazard:

Marine Pollutant: NO

SECTION 15 - REGULATORY INFORMATION

CERCLA RQ (lbs): 100

SARA Title III Section 312:

☒ **Acute** ☐ **Chronic** ☐ **Flammable** ☐ **Sudden Release of Pressure** ☐ **Reactive**

SARA Title III Section 313: No

SARA Extremely Hazardous Substance: No

HMIS HAZARD RATING

Health: 2 **Fire:** 0 **Reactivity:** 1
0 - Least 1 - Slight 2 - Moderate 3 - High 4 - Extreme

SECTION 16 - OTHER INFORMATION

EPA Pesticide Registration Number: 813-16

NSF Maximum Use Level for Potable Water (Standard 60): CHECK PRODUCT LABEL,
RANGES 46 mg/l TO 105 mg/l

TSCA (Toxic Substance Control Act), 40 CFR 710:

Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Section 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

DISCLAIMER

THE DATA PRESENTED IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF; HOWEVER, NEITHER SELLER NOR PREPARER MAKES ANY WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THE INFORMATION PRESENTED. THE USER IS CAUTIONED TO PERFORM HIS OWN HAZARD EVALUATION AND TO RELY UPON HIS OWN DETERMINATIONS.

Attachment C
2008-2009 Laboratory Analytical Reports
(Separate Cover)

October 14, 2009

COVER LETTER

Wednesday, October 14, 2009

Roger Schnabel
Consolidated Asset Mgmt
98 N. Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706
FAX

RE: Hobbs Generating Station

Order No.: 0910092

Dear Roger Schnabel:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 10/6/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,


Andy Freeman, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-02

Client Sample ID: MW-03-090110
Collection Date: 10/1/2009 11:45:00 AM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.5	0.10		mg/L	1	10/6/2009 12:37:50 PM
Chloride	51	2.0		mg/L	20	10/6/2009 12:55:15 PM
Bromide	0.31	0.10		mg/L	1	10/6/2009 12:37:50 PM
Nitrate (As N)+Nitrite (As N)	2.4	1.0		mg/L	5	10/6/2009 1:12:40 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/6/2009 12:37:50 PM
Sulfate	72	10		mg/L	20	10/6/2009 12:55:15 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Acenaphthylene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Aniline	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Anthracene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Azobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benz(a)anthracene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Benzoic acid	ND	20		µg/L	1	10/13/2009 3:17:22 PM
Benzyl alcohol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Carbazole	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Chloroaniline	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Chlorophenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Chrysene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Dibenzofuran	ND	10		µg/L	1	10/13/2009 3:17:22 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Diethyl phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-02

Client Sample ID: MW-03-090110
Collection Date: 10/1/2009 11:45:00 AM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2,4-Dichlorophenol	ND	20		µg/L	1	10/13/2009 3:17:22 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/13/2009 3:17:22 PM
2,4-Dinitrophenol	ND	20		µg/L	1	10/13/2009 3:17:22 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Fluoranthene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Fluorene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Hexachlorobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Hexachloroethane	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Isophorone	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Methylphenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
3+4-Methylphenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/13/2009 3:17:22 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	10/13/2009 3:17:22 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Naphthalene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:17:22 PM
3-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Nitrobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2-Nitrophenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
4-Nitrophenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Pentachlorophenol	ND	20		µg/L	1	10/13/2009 3:17:22 PM
Phenanthrene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Phenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Pyrene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Pyridine	ND	10		µg/L	1	10/13/2009 3:17:22 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/13/2009 3:17:22 PM
Surr: 2,4,6-Tribromophenol	70.7	16.6-150		%REC	1	10/13/2009 3:17:22 PM
Surr: 2-Fluorobiphenyl	55.1	19.6-134		%REC	1	10/13/2009 3:17:22 PM
Surr: 2-Fluorophenol	34.4	9.54-113		%REC	1	10/13/2009 3:17:22 PM
Surr: 4-Terphenyl-d14	51.9	22.7-145		%REC	1	10/13/2009 3:17:22 PM
Surr: Nitrobenzene-d5	52.8	14.6-134		%REC	1	10/13/2009 3:17:22 PM
Surr: Phenol-d5	26.0	10.7-80.3		%REC	1	10/13/2009 3:17:22 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-02

Client Sample ID: MW-03-090110
Collection Date: 10/1/2009 11:45:00 AM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Toluene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Ethylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Naphthalene	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 9:59:19 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 9:59:19 PM
Acetone	ND	10		µg/L	1	10/6/2009 9:59:19 PM
Bromobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Bromoform	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Bromomethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
2-Butanone	ND	10		µg/L	1	10/6/2009 9:59:19 PM
Carbon disulfide	ND	10		µg/L	1	10/6/2009 9:59:19 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Chlorobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Chloroethane	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
Chloroform	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Chloromethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Dibromomethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,4-Dichlorobenzene	1.8	1.0		µg/L	1	10/6/2009 9:59:19 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
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Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-02

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 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
2-Hexanone	ND	10		µg/L	1	10/6/2009 9:59:19 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/6/2009 9:59:19 PM
Methylene Chloride	ND	3.0		µg/L	1	10/6/2009 9:59:19 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Styrene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/6/2009 9:59:19 PM
Vinyl chloride	ND	1.0		µg/L	1	10/6/2009 9:59:19 PM
Xylenes, Total	ND	1.5		µg/L	1	10/6/2009 9:59:19 PM
Surr: 1,2-Dichloroethane-d4	96.9	54.6-141		%REC	1	10/6/2009 9:59:19 PM
Surr: 4-Bromofluorobenzene	93.1	60.1-133		%REC	1	10/6/2009 9:59:19 PM
Surr: Dibromofluoromethane	94.4	78.5-130		%REC	1	10/6/2009 9:59:19 PM
Surr: Toluene-d8	98.1	79.5-126		%REC	1	10/6/2009 9:59:19 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/7/2009 4:33:00 PM
Carbonate	ND	2.0		mg/L CaCO3	1	10/7/2009 4:33:00 PM
Bicarbonate	160	20		mg/L CaCO3	1	10/7/2009 4:33:00 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	580	0.010		µmhos/cm	1	10/7/2009 4:33:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	400	20.0		mg/L	1	10/12/2009 8:23:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-03

Client Sample ID: MW-03-09110 DUP
Collection Date: 10/1/2009 12:15:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.6	0.10		mg/L	1	10/6/2009 1:30:04 PM
Chloride	53	2.0		mg/L	20	10/6/2009 1:47:29 PM
Bromide	0.31	0.10		mg/L	1	10/6/2009 1:30:04 PM
Nitrate (As N)+Nitrite (As N)	2.3	1.0		mg/L	5	10/6/2009 2:04:54 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/6/2009 1:30:04 PM
Sulfate	73	10		mg/L	20	10/6/2009 1:47:29 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Acenaphthylene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Aniline	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Anthracene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Azobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benz(a)anthracene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Benzoic acid	ND	20		µg/L	1	10/13/2009 3:47:59 PM
Benzyl alcohol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Carbazole	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Chloroaniline	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Chlorophenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Chrysene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Dibenzofuran	ND	10		µg/L	1	10/13/2009 3:47:59 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Diethyl phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-03

Client Sample ID: MW-03-09110 DUP
Collection Date: 10/1/2009 12:15:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2,4-Dichlorophenol	ND	20		µg/L	1	10/13/2009 3:47:59 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/13/2009 3:47:59 PM
2,4-Dinitrophenol	ND	20		µg/L	1	10/13/2009 3:47:59 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Fluoranthene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Fluorene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Hexachlorobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Hexachloroethane	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Isophorone	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Methylphenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
3+4-Methylphenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/13/2009 3:47:59 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	10/13/2009 3:47:59 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Naphthalene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:47:59 PM
3-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Nitroaniline	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Nitrobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2-Nitrophenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
4-Nitrophenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Pentachlorophenol	ND	20		µg/L	1	10/13/2009 3:47:59 PM
Phenanthrene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Phenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Pyrene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Pyridine	ND	10		µg/L	1	10/13/2009 3:47:59 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/13/2009 3:47:59 PM
Surr: 2,4,6-Tribromophenol	71.3	16.6-150		%REC	1	10/13/2009 3:47:59 PM
Surr: 2-Fluorobiphenyl	65.2	19.6-134		%REC	1	10/13/2009 3:47:59 PM
Surr: 2-Fluorophenol	43.4	9.54-113		%REC	1	10/13/2009 3:47:59 PM
Surr: 4-Terphenyl-d14	53.3	22.7-145		%REC	1	10/13/2009 3:47:59 PM
Surr: Nitrobenzene-d5	62.4	14.6-134		%REC	1	10/13/2009 3:47:59 PM
Surr: Phenol-d5	30.6	10.7-80.3		%REC	1	10/13/2009 3:47:59 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-03

Client Sample ID: MW-03-09110 DUP
 Collection Date: 10/1/2009 12:15:00 PM
 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Toluene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Ethylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Naphthalene	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 10:35:17 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 10:35:17 PM
Acetone	ND	10		µg/L	1	10/6/2009 10:35:17 PM
Bromobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Bromoform	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Bromomethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
2-Butanone	ND	10		µg/L	1	10/6/2009 10:35:17 PM
Carbon disulfide	ND	10		µg/L	1	10/6/2009 10:35:17 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Chlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Chloroethane	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
Chloroform	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Chloromethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Dibromomethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-03

Client Sample ID: MW-03-09110 DUP
Collection Date: 10/1/2009 12:15:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
2-Hexanone	ND	10		µg/L	1	10/6/2009 10:35:17 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/6/2009 10:35:17 PM
Methylene Chloride	ND	3.0		µg/L	1	10/6/2009 10:35:17 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Styrene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/6/2009 10:35:17 PM
Vinyl chloride	ND	1.0		µg/L	1	10/6/2009 10:35:17 PM
Xylenes, Total	ND	1.5		µg/L	1	10/6/2009 10:35:17 PM
Surr: 1,2-Dichloroethane-d4	96.0	54.6-141		%REC	1	10/6/2009 10:35:17 PM
Surr: 4-Bromofluorobenzene	97.7	60.1-133		%REC	1	10/6/2009 10:35:17 PM
Surr: Dibromofluoromethane	95.1	78.5-130		%REC	1	10/6/2009 10:35:17 PM
Surr: Toluene-d8	99.3	79.5-126		%REC	1	10/6/2009 10:35:17 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/7/2009 4:43:00 PM
Carbonate	ND	2.0		mg/L CaCO3	1	10/7/2009 4:43:00 PM
Bicarbonate	160	20		mg/L CaCO3	1	10/7/2009 4:43:00 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	590	0.010		µmhos/cm	1	10/7/2009 4:43:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	398	20.0		mg/L	1	10/12/2009 8:23:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-04

Client Sample ID: MW-02-090110
Collection Date: 10/1/2009 1:21:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.4	0.10		mg/L	1	10/6/2009 2:22:18 PM
Chloride	30	2.0		mg/L	20	10/6/2009 2:39:43 PM
Bromide	0.25	0.10		mg/L	1	10/6/2009 2:22:18 PM
Nitrate (As N)+Nitrite (As N)	2.4	1.0		mg/L	5	10/6/2009 11:04:32 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	10/6/2009 2:22:18 PM
Sulfate	49	0.50		mg/L	1	10/6/2009 2:22:18 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Acenaphthylene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Aniline	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Anthracene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Azobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benz(a)anthracene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Benzoic acid	ND	20		µg/L	1	10/13/2009 4:18:39 PM
Benzyl alcohol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Carbazole	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Chloroaniline	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Chlorophenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Chrysene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Dibenzofuran	ND	10		µg/L	1	10/13/2009 4:18:39 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Diethyl phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-04

Client Sample ID: MW-02-090110
Collection Date: 10/1/2009 1:21:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2,4-Dichlorophenol	ND	20		µg/L	1	10/13/2009 4:18:39 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/13/2009 4:18:39 PM
2,4-Dinitrophenol	ND	20		µg/L	1	10/13/2009 4:18:39 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Fluoranthene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Fluorene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Hexachlorobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Hexachloroethane	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Isophorone	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Methylphenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
3+4-Methylphenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/13/2009 4:18:39 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	10/13/2009 4:18:39 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Naphthalene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:18:39 PM
3-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Nitrobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2-Nitrophenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
4-Nitrophenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Pentachlorophenol	ND	20		µg/L	1	10/13/2009 4:18:39 PM
Phenanthrene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Phenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Pyrene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Pyridine	ND	10		µg/L	1	10/13/2009 4:18:39 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/13/2009 4:18:39 PM
Surr: 2,4,6-Tribromophenol	68.7	16.6-150		%REC	1	10/13/2009 4:18:39 PM
Surr: 2-Fluorobiphenyl	58.8	19.6-134		%REC	1	10/13/2009 4:18:39 PM
Surr: 2-Fluorophenol	34.1	9.54-113		%REC	1	10/13/2009 4:18:39 PM
Surr: 4-Terphenyl-d14	54.5	22.7-145		%REC	1	10/13/2009 4:18:39 PM
Surr: Nitrobenzene-d5	52.4	14.6-134		%REC	1	10/13/2009 4:18:39 PM
Surr: Phenol-d5	27.7	10.7-80.3		%REC	1	10/13/2009 4:18:39 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-04

Client Sample ID: MW-02-090110
Collection Date: 10/1/2009 1:21:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Toluene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Ethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Naphthalene	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 11:11:13 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 11:11:13 PM
Acetone	ND	10		µg/L	1	10/6/2009 11:11:13 PM
Bromobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Bromoform	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Bromomethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
2-Butanone	ND	10		µg/L	1	10/6/2009 11:11:13 PM
Carbon disulfide	ND	10		µg/L	1	10/6/2009 11:11:13 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Chlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Chloroethane	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
Chloroform	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Chloromethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Dibromomethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,4-Dichlorobenzene	2.4	1.0		µg/L	1	10/6/2009 11:11:13 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
E Estimated value H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits MCL Maximum Contaminant Level
ND Not Detected at the Reporting Limit RL Reporting Limit
S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-04

Client Sample ID: MW-02-090110
 Collection Date: 10/1/2009 1:21:00 PM
 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
2-Hexanone	ND	10		µg/L	1	10/6/2009 11:11:13 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/6/2009 11:11:13 PM
Methylene Chloride	ND	3.0		µg/L	1	10/6/2009 11:11:13 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Styrene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/6/2009 11:11:13 PM
Vinyl chloride	ND	1.0		µg/L	1	10/6/2009 11:11:13 PM
Xylenes, Total	ND	1.5		µg/L	1	10/6/2009 11:11:13 PM
Surr: 1,2-Dichloroethane-d4	96.2	54.6-141		%REC	1	10/6/2009 11:11:13 PM
Surr: 4-Bromofluorobenzene	96.3	60.1-133		%REC	1	10/6/2009 11:11:13 PM
Surr: Dibromofluoromethane	92.9	78.5-130		%REC	1	10/6/2009 11:11:13 PM
Surr: Toluene-d8	101	79.5-126		%REC	1	10/6/2009 11:11:13 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/7/2009 4:52:00 PM
Carbonate	ND	2.0		mg/L CaCO3	1	10/7/2009 4:52:00 PM
Bicarbonate	160	20		mg/L CaCO3	1	10/7/2009 4:52:00 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	490	0.010		µmhos/cm	1	10/7/2009 4:52:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	337	20.0		mg/L	1	10/12/2009 8:23:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-05

Client Sample ID: MW-01-090110
Collection Date: 10/1/2009 4:21:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.6	0.10		mg/L	1	10/6/2009 11:21:56 PM
Chloride	27	2.0		mg/L	20	10/6/2009 11:39:21 PM
Bromide	0.20	0.10		mg/L	1	10/6/2009 11:21:56 PM
Nitrate (As N)+Nitrite (As N)	4.5	1.0		mg/L	5	10/6/2009 11:56:46 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/6/2009 11:21:56 PM
Sulfate	49	0.50		mg/L	1	10/6/2009 11:21:56 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Acenaphthylene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Aniline	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Anthracene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Azobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benz(a)anthracene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Benzoic acid	ND	20		µg/L	1	10/13/2009 4:49:13 PM
Benzyl alcohol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Carbazole	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Chloroaniline	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Chlorophenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Chrysene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Dibenzofuran	ND	10		µg/L	1	10/13/2009 4:49:13 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Diethyl phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-05

Client Sample ID: MW-01-090110
 Collection Date: 10/1/2009 4:21:00 PM
 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2,4-Dichlorophenol	ND	20		µg/L	1	10/13/2009 4:49:13 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/13/2009 4:49:13 PM
2,4-Dinitrophenol	ND	20		µg/L	1	10/13/2009 4:49:13 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Fluoranthene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Fluorene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Hexachlorobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Hexachloroethane	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Isophorone	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Methylphenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
3+4-Methylphenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/13/2009 4:49:13 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	10/13/2009 4:49:13 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Naphthalene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:49:13 PM
3-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Nitroaniline	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Nitrobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2-Nitrophenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
4-Nitrophenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Pentachlorophenol	ND	20		µg/L	1	10/13/2009 4:49:13 PM
Phenanthrene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Phenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Pyrene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Pyridine	ND	10		µg/L	1	10/13/2009 4:49:13 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/13/2009 4:49:13 PM
Surr: 2,4,6-Tribromophenol	58.2	16.6-150		%REC	1	10/13/2009 4:49:13 PM
Surr: 2-Fluorobiphenyl	47.8	19.6-134		%REC	1	10/13/2009 4:49:13 PM
Surr: 2-Fluorophenol	22.4	9.54-113		%REC	1	10/13/2009 4:49:13 PM
Surr: 4-Terphenyl-d14	48.2	22.7-145		%REC	1	10/13/2009 4:49:13 PM
Surr: Nitrobenzene-d5	44.3	14.6-134		%REC	1	10/13/2009 4:49:13 PM
Surr: Phenol-d5	18.8	10.7-80.3		%REC	1	10/13/2009 4:49:13 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-05

Client Sample ID: MW-01-090110
Collection Date: 10/1/2009 4:21:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL

Benzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Toluene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Ethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Naphthalene	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 11:47:08 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/6/2009 11:47:08 PM
Acetone	ND	10		µg/L	1	10/6/2009 11:47:08 PM
Bromobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Bromoform	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Bromomethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
2-Butanone	ND	10		µg/L	1	10/6/2009 11:47:08 PM
Carbon disulfide	ND	10		µg/L	1	10/6/2009 11:47:08 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Chlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Chloroethane	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
Chloroform	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Chloromethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Dibromomethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-05

Client Sample ID: MW-01-090110
 Collection Date: 10/1/2009 4:21:00 PM
 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
2-Hexanone	ND	10		µg/L	1	10/6/2009 11:47:08 PM
Isopropylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/6/2009 11:47:08 PM
Methylene Chloride	ND	3.0		µg/L	1	10/6/2009 11:47:08 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Styrene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/6/2009 11:47:08 PM
Vinyl chloride	ND	1.0		µg/L	1	10/6/2009 11:47:08 PM
Xylenes, Total	ND	1.5		µg/L	1	10/6/2009 11:47:08 PM
Surr: 1,2-Dichloroethane-d4	94.8	54.6-141		%REC	1	10/6/2009 11:47:08 PM
Surr: 4-Bromofluorobenzene	95.4	60.1-133		%REC	1	10/6/2009 11:47:08 PM
Surr: Dibromofluoromethane	91.5	78.5-130		%REC	1	10/6/2009 11:47:08 PM
Surr: Toluene-d8	99.7	79.5-126		%REC	1	10/6/2009 11:47:08 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/7/2009 5:02:00 PM
Carbonate	ND	2.0		mg/L CaCO3	1	10/7/2009 5:02:00 PM
Bicarbonate	160	20		mg/L CaCO3	1	10/7/2009 5:02:00 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	490	0.010		µmhos/cm	1	10/7/2009 5:02:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	354	20.0		mg/L	1	10/12/2009 8:23:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-06

Client Sample ID: East Pond-090110
Collection Date: 10/1/2009 4:45:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.8	0.10		mg/L	1	10/7/2009 12:14:10 AM
Chloride	280	2.0		mg/L	20	10/7/2009 12:31:35 AM
Bromide	4.0	0.10		mg/L	1	10/7/2009 12:14:10 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	10/7/2009 12:48:59 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/7/2009 12:14:10 AM
Sulfate	240	10		mg/L	20	10/7/2009 12:31:35 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Acenaphthylene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Aniline	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Anthracene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Azobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benz(a)anthracene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Benzoic acid	ND	20		µg/L	1	10/13/2009 5:19:49 PM
Benzyl alcohol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Carbazole	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Chloroaniline	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Chlorophenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Chrysene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Dibenzofuran	ND	10		µg/L	1	10/13/2009 5:19:49 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Diethyl phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-06

Client Sample ID: East Pond-090110
Collection Date: 10/1/2009 4:45:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2,4-Dichlorophenol	ND	20		µg/L	1	10/13/2009 5:19:49 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/13/2009 5:19:49 PM
2,4-Dinitrophenol	ND	20		µg/L	1	10/13/2009 5:19:49 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Fluoranthene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Fluorene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Hexachlorobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Hexachloroethane	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Isophorone	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Methylphenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
3+4-Methylphenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/13/2009 5:19:49 PM
N-Nitrosodimethylamine	ND	10		µg/L	1	10/13/2009 5:19:49 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Naphthalene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Nitroaniline	ND	10		µg/L	1	10/13/2009 5:19:49 PM
3-Nitroaniline	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Nitroaniline	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Nitrobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2-Nitrophenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
4-Nitrophenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Pentachlorophenol	ND	20		µg/L	1	10/13/2009 5:19:49 PM
Phenanthrene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Phenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Pyrene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Pyridine	ND	10		µg/L	1	10/13/2009 5:19:49 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/13/2009 5:19:49 PM
Surr: 2,4,6-Tribromophenol	70.3	16.6-150		%REC	1	10/13/2009 5:19:49 PM
Surr: 2-Fluorobiphenyl	59.2	19.6-134		%REC	1	10/13/2009 5:19:49 PM
Surr: 2-Fluorophenol	40.1	9.54-113		%REC	1	10/13/2009 5:19:49 PM
Surr: 4-Terphenyl-d14	55.8	22.7-145		%REC	1	10/13/2009 5:19:49 PM
Surr: Nitrobenzene-d5	58.0	14.6-134		%REC	1	10/13/2009 5:19:49 PM
Surr: Phenol-d5	31.2	10.7-80.3		%REC	1	10/13/2009 5:19:49 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
Lab Order: 0910092
Project: Hobbs Generating Station
Lab ID: 0910092-06

Client Sample ID: East Pond-090110
Collection Date: 10/1/2009 4:45:00 PM
Date Received: 10/6/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Toluene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Ethylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Naphthalene	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/7/2009 12:23:01 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/7/2009 12:23:01 AM
Acetone	ND	10		µg/L	1	10/7/2009 12:23:01 AM
Bromobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Bromoform	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Bromomethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
2-Butanone	ND	10		µg/L	1	10/7/2009 12:23:01 AM
Carbon disulfide	ND	10		µg/L	1	10/7/2009 12:23:01 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Chlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Chloroethane	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
Chloroform	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Chloromethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Dibromomethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Oct-09

CLIENT: Consolidated Asset Mgmt
 Lab Order: 0910092
 Project: Hobbs Generating Station
 Lab ID: 0910092-06

Client Sample ID: East Pond-090110
 Collection Date: 10/1/2009 4:45:00 PM
 Date Received: 10/6/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
2-Hexanone	ND	10		µg/L	1	10/7/2009 12:23:01 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/7/2009 12:23:01 AM
Methylene Chloride	ND	3.0		µg/L	1	10/7/2009 12:23:01 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Styrene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/7/2009 12:23:01 AM
Vinyl chloride	ND	1.0		µg/L	1	10/7/2009 12:23:01 AM
Xylenes, Total	ND	1.5		µg/L	1	10/7/2009 12:23:01 AM
Surr: 1,2-Dichloroethane-d4	97.2	54.6-141		%REC	1	10/7/2009 12:23:01 AM
Surr: 4-Bromofluorobenzene	96.7	60.1-133		%REC	1	10/7/2009 12:23:01 AM
Surr: Dibromofluoromethane	93.4	78.5-130		%REC	1	10/7/2009 12:23:01 AM
Surr: Toluene-d8	95.9	79.5-126		%REC	1	10/7/2009 12:23:01 AM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	240	20		mg/L CaCO3	1	10/7/2009 5:12:00 PM
Carbonate	57	2.0		mg/L CaCO3	1	10/7/2009 5:12:00 PM
Bicarbonate	180	20		mg/L CaCO3	1	10/7/2009 5:12:00 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	1600	0.010		µmhos/cm	1	10/7/2009 5:12:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	1160	20.0		mg/L	1	10/12/2009 8:23:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit



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Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : MW-03-090110

Collected By :
Collection Date : 10/01/09 11:45

ESC Sample # : L425874-01

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	78.	0.50	mg/l	6010B	10/09/09	1
Magnesium, Dissolved	12.	0.10	mg/l	6010B	10/09/09	1
Potassium, Dissolved	2.4	0.50	mg/l	6010B	10/09/09	1
Sodium, Dissolved	30.	0.50	mg/l	6010B	10/09/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : MW-03-090110

Collected By :
Collection Date : 10/01/09 11:45

ESC Sample # : L425874-02

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00035	0.00020	mg/l	7470A	10/08/09	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/09	1
Barium	0.065	0.0050	mg/l	6010B	10/10/09	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/09	1
Chromium	BDL	0.010	mg/l	6010B	10/10/09	1
Lead	BDL	0.0050	mg/l	6010B	10/10/09	1
Selenium	BDL	0.020	mg/l	6010B	10/09/09	1
Silver	BDL	0.010	mg/l	6010B	10/10/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : MW-03-090110 DUP

Collected By :
Collection Date : 10/01/09 12:15

ESC Sample # : L425874-03

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	79.	0.50	mg/l	6010B	10/09/09	1
Magnesium, Dissolved	13.	0.10	mg/l	6010B	10/09/09	1
Potassium, Dissolved	2.3	0.50	mg/l	6010B	10/09/09	1
Sodium, Dissolved	31.	0.50	mg/l	6010B	10/09/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : MW-03-090110 DUP

Collected By :
Collection Date : 10/01/09 12:15

ESC Sample # : L425874-04

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00042	0.00020	mg/l	7470A	10/08/09	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/09	1
Barium	0.069	0.0050	mg/l	6010B	10/10/09	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/09	1
Chromium	BDL	0.010	mg/l	6010B	10/10/09	1
Lead	BDL	0.0050	mg/l	6010B	10/10/09	1
Selenium	BDL	0.020	mg/l	6010B	10/10/09	1
Silver	BDL	0.010	mg/l	6010B	10/10/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :
Sample ID : MW-02-090110
Collected By :
Collection Date : 10/01/09 13:21

ESC Sample # : L425874-05

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	62.	0.50	mg/l	6010B	10/09/09	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	10/09/09	1
Potassium, Dissolved	2.2	0.50	mg/l	6010B	10/09/09	1
Sodium, Dissolved	31.	0.50	mg/l	6010B	10/09/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

October 13, 2009

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

Date Received : October 07, 2009
Description :
Sample ID : MW-02-090110
Collected By :
Collection Date : 10/01/09 13:21

ESC Sample # : L425874-06

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00027	0.00020	mg/l	7470A	10/08/09	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/09	1
Barium	0.062	0.0050	mg/l	6010B	10/10/09	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/09	1
Chromium	BDL	0.010	mg/l	6010B	10/10/09	1
Lead	BDL	0.0050	mg/l	6010B	10/10/09	1
Selenium	BDL	0.020	mg/l	6010B	10/10/09	1
Silver	BDL	0.010	mg/l	6010B	10/10/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
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4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

ESC Sample # : L425874-07

Sample ID : MW-01-090110

Site ID :

Collected By :
Collection Date : 10/01/09 16:21

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	63.	0.50	mg/l	6010B	10/09/09	1
Magnesium, Dissolved	11.	0.10	mg/l	6010B	10/09/09	1
Potassium, Dissolved	2.2	0.50	mg/l	6010B	10/09/09	1
Sodium, Dissolved	33.	0.50	mg/l	6010B	10/09/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : MW-01-090110

Collected By :
Collection Date : 10/01/09 16:21

ESC Sample # : L425874-08

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	10/08/09	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/09	1
Barium	0.080	0.0050	mg/l	6010B	10/10/09	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/09	1
Chromium	BDL	0.010	mg/l	6010B	10/10/09	1
Lead	BDL	0.0050	mg/l	6010B	10/10/09	1
Selenium	BDL	0.020	mg/l	6010B	10/10/09	1
Silver	BDL	0.010	mg/l	6010B	10/10/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
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Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :

Sample ID : EAST PINE-090110

Collected By :
Collection Date : 10/01/09 16:45

ESC Sample # : 1425874-09

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	110	0.50	mg/l	6010B	10/09/09	1
Magnesium, Dissolved	22.	0.10	mg/l	6010B	10/09/09	1
Potassium, Dissolved	15.	0.50	mg/l	6010B	10/09/09	1
Sodium, Dissolved	240	0.50	mg/l	6010B	10/09/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 13, 2009

Date Received : October 07, 2009
Description :
Sample ID : EAST PINE-090110
Collected By :
Collection Date : 10/01/09 16:45

ESC Sample # : L425874-10

Site ID :

Project # : 0910092

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00032	0.00020	mg/l	7470A	10/08/09	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/09	1
Barium	0.076	0.0050	mg/l	6010B	10/10/09	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/09	1
Chromium	BDL	0.010	mg/l	6010B	10/10/09	1
Lead	BDL	0.0050	mg/l	6010B	10/10/09	1
Selenium	BDL	0.020	mg/l	6010B	10/10/09	1
Silver	BDL	0.010	mg/l	6010B	10/10/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE

Quality Assurance Report Level II

Albuquerque, NM 87109

L425874

October 13, 2009

Analyte	Result	Laboratory Blank Units % Rec	Limit	Batch	Date Analyzed
Mercury	< .0002	mg/l		WG444552	10/08/09 09:44
Selenium	< .02	mg/l		WG444836	10/10/09 14:35
Calcium, Dissolved	< .5	mg/l		WG444825	10/10/09 12:55
Magnesium, Dissolved	< .1	mg/l		WG444825	10/10/09 12:55
Potassium, Dissolved	< .5	mg/l		WG444825	10/10/09 12:55
Sodium, Dissolved	< .5	mg/l		WG444825	10/10/09 12:55
Arsenic	< .02	mg/l		WG444699	10/12/09 22:00
Barium	< .005	mg/l		WG444699	10/12/09 22:00
Cadmium	< .005	mg/l		WG444699	10/12/09 22:00
Chromium	< .01	mg/l		WG444699	10/12/09 22:00
Lead	< .005	mg/l		WG444699	10/12/09 22:00
Selenium	< .02	mg/l		WG444699	10/12/09 22:00
Silver	< .01	mg/l		WG444699	10/12/09 22:00

Analyte	Units	Result	Duplicate Duplicate	RPD	Limit	Ref Samp	Batch
Mercury	mg/l	0	0	0	20	L425864-03	WG444552
Selenium	mg/l	0	0.0140	NA	20	L426262-05	WG444836
Calcium, Dissolved	mg/l	150.	152.	1.31	20	L425173-06	WG444825
Magnesium, Dissolved	mg/l	120.	114.	1.74	20	L425173-06	WG444825
Potassium, Dissolved	mg/l	44.0	42.4	2.56	20	L425173-06	WG444825
Sodium, Dissolved	mg/l	280.	280.	1.77	20	L425173-06	WG444825
Arsenic	mg/l	0	0	0	20	L425878-01	WG444699
Barium	mg/l	0.0540	0.0510	5.90	20	L425878-01	WG444699
Cadmium	mg/l	0	0	0	20	L425878-01	WG444699
Chromium	mg/l	0	0	0	20	L425878-01	WG444699
Lead	mg/l	0	0	0	20	L425878-01	WG444699
Selenium	mg/l	0	0.000800	NA	20	L425878-01	WG444699
Silver	mg/l	0.0130	0.000200	194.*	20	L425878-01	WG444699

Analyte	Units	Laboratory Control Sample Known Val Result	% Rec	Limit	Batch
Mercury	mg/l	.003 0.00298	99.3	85-115	WG444552
Selenium	mg/l	1.13 1.15	102.	85-115	WG444836
Calcium, Dissolved	mg/l	11.3 12.0	106.	85-115	WG444825
Magnesium, Dissolved	mg/l	11.3 12.2	108.	85-115	WG444825
Potassium, Dissolved	mg/l	11.3 11.6	103.	85-115	WG444825
Sodium, Dissolved	mg/l	11.3 11.9	105.	85-115	WG444825
Arsenic	mg/l	1.13 1.09	96.5	85-115	WG444699

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE

Quality Assurance Report Level II

Albuquerque, NM 87109

L425874

October 13, 2009

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Barium	mg/l	1.13	1.13	100	85-115	WG444699
Cadmium	mg/l	1.13	1.13	100.	85-115	WG444699
Chromium	mg/l	1.13	1.14	101.	85-115	WG444699
Lead	mg/l	1.13	1.14	101.	85-115	WG444699
Selenium	mg/l	1.13	1.07	94.7	85-115	WG444699
Silver	mg/l	1.13	1.10	97.3	85-115	WG444699

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Mercury	mg/l	0.00303	0	0.03	101	70-130	L425864-03	WG444552
Selenium	mg/l	1.11	0.0140	1.13	97.0	75-125	L426262-05	WG444836
Calcium, Dissolved	mg/l	166.	152.	11.3	124.	75-125	L425173-06	WG444825
Magnesium, Dissolved	mg/l	128.	114.	11.3	124.	75-125	L425173-06	WG444825
Potassium, Dissolved	mg/l	56.0	42.4	11.3	120.	75-125	L425173-06	WG444825
Sodium, Dissolved	mg/l	305.	280.	11.3	221.*	75-125	L425173-06	WG444825
Arsenic	mg/l	1.13	0	1.13	100.	75-125	L425878-01	WG444699
Barium	mg/l	1.21	0.0510	1.13	102.	75-125	L425878-01	WG444699
Cadmium	mg/l	1.16	0	1.13	103.	75-125	L425878-01	WG444699
Chromium	mg/l	1.19	0	1.13	105.	75-125	L425878-01	WG444699
Lead	mg/l	1.18	0	1.13	104.	75-125	L425878-01	WG444699
Selenium	mg/l	1.10	0.000800	1.13	97.3	75-125	L425878-01	WG444699
Silver	mg/l	0.270	0.000200	1.13	23.9*	75-125	L425878-01	WG444699

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Mercury	mg/l	0.00295	0.00303	98.3	70-130	2.68	20	L425864-03	WG444552
Selenium	mg/l	1.13	1.11	98.8	75-125	1.79	20	L426262-05	WG444836
Calcium, Dissolved	mg/l	167.	166.	133.*	75-125	0.601	20	L425173-06	WG444825
Magnesium, Dissolved	mg/l	129.	128.	133.*	75-125	0.778	20	L425173-06	WG444825
Potassium, Dissolved	mg/l	55.7	56.0	118.	75-125	0.537	20	L425173-06	WG444825
Sodium, Dissolved	mg/l	301.	305.	186.*	75-125	1.32	20	L425173-06	WG444825
Arsenic	mg/l	1.14	1.13	101.	75-125	0.881	20	L425878-01	WG444699
Barium	mg/l	1.20	1.21	102.	75-125	0.830	20	L425878-01	WG444699
Cadmium	mg/l	1.16	1.16	103.	75-125	0	20	L425878-01	WG444699
Chromium	mg/l	1.19	1.19	105.	75-125	0	20	L425878-01	WG444699
Lead	mg/l	1.19	1.18	105.	75-125	0.844	20	L425878-01	WG444699
Selenium	mg/l	1.11	1.10	98.2	75-125	0.905	20	L425878-01	WG444699
Silver	mg/l	0.274	0.270	24.2*	75-125	1.47	20	L425878-01	WG444699

Batch number / Run number / Sample number cross reference

WG444552: R939871: L425874-02 04 06 08 10

WG444836: R946429: L425874-02

WG444825: R946548: L425874-01 03 05 07 09

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
 Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB MBLK Batch ID: R35597 Analysis Date: 10/6/2009 12:03:01 PM

Fluoride	ND	mg/L	0.10
Chloride	ND	mg/L	0.10
Bromide	ND	mg/L	0.10
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50
Sulfate	ND	mg/L	0.50

Sample ID: LCS LCS Batch ID: R35597 Analysis Date: 10/6/2009 12:20:25 PM

Fluoride	0.5118	mg/L	0.10	0.5	0	102	90	110
Chloride	5.007	mg/L	0.10	5	0	100	90	110
Bromide	2.546	mg/L	0.10	2.5	0	102	90	110
Nitrate (As N)+Nitrite (As N)	3.508	mg/L	0.20	3.5	0	100	90	110
Phosphorus, Orthophosphate (As P)	5.050	mg/L	0.50	5	0	101	90	110
Sulfate	10.12	mg/L	0.50	10	0	101	90	110

Method: SM 2320B: Alkalinity

Sample ID: MB MBLK Batch ID: R35629 Analysis Date: 10/7/2009 2:46:00 PM

Alkalinity, Total (As CaCO ₃)	ND	mg/L Ca	20
Carbonate	ND	mg/L Ca	2.0
Bicarbonate	ND	mg/L Ca	20

Sample ID: 80PPM LCS LCS Batch ID: R35629 Analysis Date: 10/7/2009 2:52:00 PM

Alkalinity, Total (As CaCO ₃)	80.04	mg/L Ca	20	80	0	100	80	120
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Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
 Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES											
Sample ID: 5ml rb		MBLK									
Batch ID: R35601											
Analysis Date: 10/6/2009 9:23:18 AM											
Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
3,5-Trimethylbenzene	ND	µg/L	1.0								
2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	1.788	µg/L	10								J
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
1-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,2-Dichloroethane	ND	µg/L	1.0								
1,3-Dichloroethane	ND	µg/L	1.0								
1,4-Dichloroethane	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								
2,2-Dichloropropane	ND	µg/L	2.0								
1,1-Dichloropropene	ND	µg/L	1.0								
Hexachlorobutadiene	ND	µg/L	1.0								
2-Hexanone	ND	µg/L	10								
Isopropylbenzene	ND	µg/L	1.0								
4-Isopropyltoluene	ND	µg/L	1.0								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R35601 Analysis Date: 10/6/2009 9:23:18 AM

4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b3

MBLK

Batch ID: R35601 Analysis Date: 10/7/2009 3:22:21 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	1.745	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b3 MBLK Batch ID: R35601 Analysis Date: 10/7/2009 3:22:21 AM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,1-Dibromo-3-chloropropane	ND	µg/L	2.0
1,1-Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,2-Dichloroethane	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
1,1-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
Methyl-2-pentanone	ND	µg/L	10
Ethylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
isopropylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Arylenes, Total	ND	µg/L	1.5

Sample ID: 100ng Ics

LCS

Batch ID: R35601 Analysis Date: 10/6/2009 1:00:31 PM

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
 Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 100ng lcs

LCS

Batch ID: R35601 Analysis Date: 10/6/2009 1:00:31 PM

Benzene	17.98	µg/L	1.0	20	0	89.9	76.7	114			
Toluene	19.55	µg/L	1.0	20	0	97.8	78.4	117			
Chlorobenzene	19.30	µg/L	1.0	20	0	96.5	80.7	127			
1,1-Dichloroethene	21.15	µg/L	1.0	20	0	106	80.2	128			
Trichloroethene (TCE)	17.49	µg/L	1.0	20	0	87.4	77.4	115			

Sample ID: 100ng lcs_b

LCS

Batch ID: R35601 Analysis Date: 10/7/2009 4:34:12 AM

Benzene	17.88	µg/L	1.0	20	0	89.4	76.7	114			
Toluene	18.96	µg/L	1.0	20	0	94.8	78.4	117			
Chlorobenzene	18.85	µg/L	1.0	20	0	94.2	80.7	127			
1,1-Dichloroethene	18.98	µg/L	1.0	20	0	94.9	80.2	128			
Trichloroethene (TCE)	15.42	µg/L	1.0	20	0	77.1	77.4	115			S

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
 Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-20263

MBLK

Batch ID: 20263 Analysis Date: 10/13/2009 8:22:08 PM

Acenaphthene	ND	µg/L	10								
Acenaphthylene	ND	µg/L	10								
Acetone	ND	µg/L	10								
Anthracene	ND	µg/L	10								
Azobenzene	ND	µg/L	10								
Benzo(a)anthracene	ND	µg/L	10								
Benzo(a)pyrene	ND	µg/L	10								
Benzo(b)fluoranthene	ND	µg/L	10								
Benzo(g,h,i)perylene	ND	µg/L	10								
Benzo(k)fluoranthene	ND	µg/L	10								
Benzoic acid	ND	µg/L	20								
Benzyl alcohol	ND	µg/L	10								
Bis(2-chloroethoxy)methane	ND	µg/L	10								
Bis(2-chloroethyl)ether	ND	µg/L	10								
Bis(2-chloroisopropyl)ether	ND	µg/L	10								
Bis(2-ethylhexyl)phthalate	5.640	µg/L	10								J
Bromophenyl phenyl ether	ND	µg/L	10								
Butyl benzyl phthalate	ND	µg/L	10								
Carbazole	ND	µg/L	10								
2-Chloro-3-methylphenol	ND	µg/L	10								
2-Chloroaniline	ND	µg/L	10								
2-Chloronaphthalene	ND	µg/L	10								
2-Chlorophenol	ND	µg/L	10								
2-Chlorophenyl phenyl ether	ND	µg/L	10								
Chrysene	ND	µg/L	10								
Di-n-butyl phthalate	ND	µg/L	10								
Di-n-octyl phthalate	ND	µg/L	10								
Dibenz(a,h)anthracene	ND	µg/L	10								
Dibenzofuran	ND	µg/L	10								
1,2-Dichlorobenzene	ND	µg/L	10								
1,3-Dichlorobenzene	ND	µg/L	10								
1,4-Dichlorobenzene	ND	µg/L	10								
1,3'-Dichlorobenzidine	ND	µg/L	10								
Diethyl phthalate	ND	µg/L	10								
Dimethyl phthalate	ND	µg/L	10								
2,4-Dichlorophenol	ND	µg/L	20								
1,4-Dimethylphenol	ND	µg/L	10								
2,3-Dinitro-2-methylphenol	ND	µg/L	20								
2,4-Dinitrophenol	ND	µg/L	20								
1-Dinitrotoluene	ND	µg/L	10								
3-Dinitrotoluene	ND	µg/L	10								
Fluoranthene	ND	µg/L	10								
Fluorene	ND	µg/L	10								
Hexachlorobenzene	ND	µg/L	10								

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-20263

MBLK

Batch ID: 20263

Analysis Date: 10/13/2009 8:22:08 PM

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	10
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	10
3+4-Methylphenol	ND	µg/L	10
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	20
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	10
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-20263

LCS

Batch ID: 20263

Analysis Date: 10/13/2009 1:45:48 PM

Acenaphthene	68.76	µg/L	10	100	0	68.8	33.2	88.1
4-Chloro-3-methylphenol	126.1	µg/L	10	200	0	63.0	26.5	101
2-Chlorophenol	115.8	µg/L	10	200	0	57.9	27.5	88.7
1,4-Dichlorobenzene	54.96	µg/L	10	100	0	55.0	27.2	74.1
2,4-Dinitrotoluene	79.68	µg/L	10	100	0	79.7	32.6	107
N-Nitrosodi-n-propylamine	66.70	µg/L	10	100	0	66.7	27.1	96.3
4-Nitrophenol	92.92	µg/L	10	200	0	46.5	6.78	74.7
Pentachlorophenol	141.7	µg/L	20	200	0	70.9	14.8	113
Phenol	63.86	µg/L	10	200	0	31.9	17	53.4
Pyrene	64.12	µg/L	10	100	0	64.1	27	96.3
1,2,4-Trichlorobenzene	62.24	µg/L	10	100	0	62.2	30	77.9

Sample ID: lcsd-20263

LCSD

Batch ID: 20263

Analysis Date: 10/13/2009 2:16:13 PM

Acenaphthene	68.28	µg/L	10	100	0	68.3	33.2	88.1	0.701	30.5
4-Chloro-3-methylphenol	131.1	µg/L	10	200	0	65.5	26.5	101	3.89	28.6
2-Chlorophenol	113.9	µg/L	10	200	0	56.9	27.5	88.7	1.72	107
1,4-Dichlorobenzene	53.08	µg/L	10	100	0	53.1	27.2	74.1	3.48	62.1
2,4-Dinitrotoluene	84.36	µg/L	10	100	0	84.4	32.6	107	5.71	14.7

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Consolidated Asset Mgmt
 Project: Hobbs Generating Station

Work Order: 0910092

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles											
Sample ID: Icsd-20263	LCSD		Batch ID: 20263		Analysis Date: 10/13/2009 2:16:13 PM						
N-Nitrosodi-n-propylamine	67.06	µg/L	10	100	0	67.1	27.1	96.3	0.538	30.3	
4-Nitrophenol	100.4	µg/L	10	200	0	50.2	6.78	74.7	7.76	36.3	
2,4-Dichlorophenol	140.0	µg/L	20	200	0	70.0	14.8	113	1.22	49	
2,4,6-Trichlorophenol	65.36	µg/L	10	200	0	32.7	17	53.4	2.32	52.4	
Pyrene	64.58	µg/L	10	100	0	64.6	27	96.3	0.715	16.3	
2,4,6-Trichlorobenzene	58.80	µg/L	10	100	0	58.8	30	77.9	5.68	36.4	

Method: SM2540C MOD: Total Dissolved Solids

Sample ID: 0910092-02CMSD		MSD				Batch ID: 20270		Analysis Date: 10/12/2009 8:23:00 AM	
Total Dissolved Solids	1413	mg/L	20.0	1000	400	101	80	120	0.283 20
Sample ID: MB-20270		MBLK				Batch ID: 20270		Analysis Date: 10/12/2009 8:23:00 AM	
Total Dissolved Solids	ND	mg/L	20.0						
Sample ID: LCS-20270		LCS				Batch ID: 20270		Analysis Date: 10/12/2009 8:23:00 AM	
Total Dissolved Solids	1013	mg/L	20.0	1000	0	101	80	120	
Sample ID: 0910092-02CMS		MS				Batch ID: 20270		Analysis Date: 10/12/2009 8:23:00 AM	
Total Dissolved Solids	1409	mg/L	20.0	1000	400	101	80	120	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **CONSOLIDATED ASSET MG**

Date Received:

10/6/2009

Work Order Number **0910092**

Received by: **ARS**

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒	
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☒		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐	

Number of preserved bottles checked for pH:

15
(2) 12 unless noted below.

Container/Temp Blank temperature?

5.0°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Temp blank broken upon arrival. TS 10/6/09

Corrective Action

Chain-of-Custody Record				
Client: <u>Consolidated Asset Mgmt</u>				
Mailing Address: <u>98 N. Twombly Lane</u>				
<u>Hobbs NM 88240</u>				
Phone #: <u>575-397-6206</u>				
email or Fax#: <u>rschwabel@camsofs.com</u>				
QA/QC Package:				
☒ Standard ☐ Level 4 (Full Validation)				
Accreditation				
☐ NELAP ☐ Other _____				
☐ EDD (Type) _____				
Date	Time	Matrix	Sample Request ID	
10-1-09	1645	WATER	AT 10/1/09 TRAP BLANK	
	1145		MW-03-090110	8x Multi
	1215		MW-03-090110 DUP	
	1321		MW-03-090110	
	1621		MW-01-090110	
	1645		EAST POND-090110	
Turn-Around Time: ☐ Standard ☒ Rush <u>7 DAY</u>				
Project Name: <u>Hobbs Generating Station</u>				
Project #: _____				
Project Manager: <u>Roger Schwabel</u>				
Sampler: _____				
On loc: ☒ Yes ☐ No				
Sample Temperature: <u>5.0</u>				
		Container Type and #	Preservative Type	HEAL NO. <u>0910002</u>
				<u>1</u>
				<u>2</u>
				<u>3</u>
				<u>4</u>
				<u>5</u>
				<u>10</u>
Received by: _____ Date: _____ Time: _____				
Relinquished by: <u>Roger Henderson</u> Date: <u>10-2-09</u> Time: <u>0900</u>				
Relinquished by: _____ Date: <u>10/6/09</u> Time: <u>9:45</u>				

Received by:	Date	Time
GREY HOUND	10-2-09	0900
Received by:	Date	Time
	9:45	10/6/09

marks: 8260, 8270, RCRA8 METALS, TDS
CATION/ANION BALANCE
ONE TRIP BLANK BROKEN UPON RECEIPT

July 23, 2009

COVER LETTER

Thursday, July 23, 2009

Adam Rogge
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240-9359

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station (HGS)

Order No.: 0907189

Dear Adam Rogge:

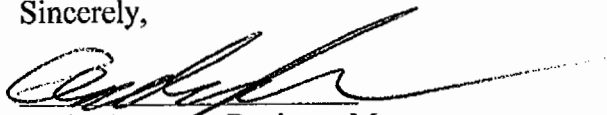
Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 7/10/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 7/10/2009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 4:47:19 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 4:47:19 PM
Acetone	ND	10		µg/L	1	7/13/2009 4:47:19 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 4:47:19 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 4:47:19 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Chloromethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 4:47:19 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 7/10/2009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 4:47:19 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 4:47:19 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 4:47:19 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 4:47:19 PM
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 4:47:19 PM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	7/13/2009 4:47:19 PM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	1	7/13/2009 4:47:19 PM
Surr: Dibromofluoromethane	104	68.5-119		%REC	1	7/13/2009 4:47:19 PM
Surr: Toluene-d8	116	64-131		%REC	1	7/13/2009 4:47:19 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-02

Client Sample ID: MW1-070809
Collection Date: 7/8/2009 7:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.5	0.10		mg/L	1	7/20/2009 10:15:44 AM
Chloride	23	1.0		mg/L	10	7/20/2009 10:33:09 AM
Bromide	0.33	0.10		mg/L	1	7/20/2009 10:15:44 AM
Nitrate (As N)+Nitrite (As N)	4.4	1.0		mg/L	5	7/20/2009 10:50:33 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/20/2009 10:15:44 AM
Sulfate	50	5.0		mg/L	10	7/20/2009 10:33:09 AM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	7/17/2009 5:04:59 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	58	1.0		mg/L	1	7/19/2009 4:55:32 PM
Magnesium	10	1.0		mg/L	1	7/19/2009 4:55:32 PM
Potassium	1.9	1.0		mg/L	1	7/19/2009 4:55:32 PM
Sodium	30	1.0		mg/L	1	7/19/2009 4:55:32 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: SNV
Arsenic	ND	0.020		mg/L	1	7/19/2009 9:00:50 PM
Barium	0.072	0.020		mg/L	1	7/19/2009 9:00:50 PM
Cadmium	ND	0.0020		mg/L	1	7/19/2009 9:00:50 PM
Chromium	ND	0.0060		mg/L	1	7/19/2009 9:00:50 PM
Lead	ND	0.0050		mg/L	1	7/19/2009 9:00:50 PM
Selenium	ND	0.050		mg/L	1	7/19/2009 9:00:50 PM
Silver	ND	0.0050		mg/L	1	7/19/2009 9:00:50 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/15/2009
Acenaphthylene	ND	10		µg/L	1	7/15/2009
Aniline	ND	10		µg/L	1	7/15/2009
Anthracene	ND	10		µg/L	1	7/15/2009
Azobenzene	ND	10		µg/L	1	7/15/2009
Benz(a)anthracene	ND	10		µg/L	1	7/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	7/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzoic acid	ND	20		µg/L	1	7/15/2009
Benzyl alcohol	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-02

Client Sample ID: MW1-070809
Collection Date: 7/8/2009 7:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	7/15/2009
Carbazole	ND	10		µg/L	1	7/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/15/2009
4-Chloroaniline	ND	10		µg/L	1	7/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	7/15/2009
2-Chlorophenol	ND	10		µg/L	1	7/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Chrysene	ND	10		µg/L	1	7/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	7/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	7/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/15/2009
Dibenzofuran	ND	10		µg/L	1	7/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/15/2009
Diethyl phthalate	ND	10		µg/L	1	7/15/2009
Dimethyl phthalate	ND	10		µg/L	1	7/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	7/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	7/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
Fluoranthene	ND	10		µg/L	1	7/15/2009
Fluorene	ND	10		µg/L	1	7/15/2009
Hexachlorobenzene	ND	10		µg/L	1	7/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	7/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/15/2009
Hexachloroethane	ND	10		µg/L	1	7/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/15/2009
Isophorone	ND	10		µg/L	1	7/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	7/15/2009
2-Methylphenol	ND	10		µg/L	1	7/15/2009
3+4-Methylphenol	ND	10		µg/L	1	7/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/15/2009
Naphthalene	ND	10		µg/L	1	7/15/2009
2-Nitroaniline	ND	10		µg/L	1	7/15/2009
3-Nitroaniline	ND	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-02

Client Sample ID: MW1-070809
Collection Date: 7/8/2009 7:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Nitroaniline	ND	10		µg/L	1	7/15/2009
Nitrobenzene	ND	10		µg/L	1	7/15/2009
2-Nitrophenol	ND	10		µg/L	1	7/15/2009
4-Nitrophenol	ND	10		µg/L	1	7/15/2009
Pentachlorophenol	ND	20		µg/L	1	7/15/2009
Phenanthrene	ND	10		µg/L	1	7/15/2009
Phenol	ND	10		µg/L	1	7/15/2009
Pyrene	ND	10		µg/L	1	7/15/2009
Pyridine	ND	10		µg/L	1	7/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/15/2009
Surr: 2,4,6-Tribromophenol	75.1	16.6-150		%REC	1	7/15/2009
Surr: 2-Fluorobiphenyl	68.4	19.6-134		%REC	1	7/15/2009
Surr: 2-Fluorophenol	56.4	9.54-113		%REC	1	7/15/2009
Surr: 4-Terphenyl-d14	75.9	22.7-145		%REC	1	7/15/2009
Surr: Nitrobenzene-d5	71.5	14.6-134		%REC	1	7/15/2009
Surr: Phenol-d5	39.0	10.7-80.3		%REC	1	7/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 5:16:58 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 5:16:58 PM
Acetone	ND	10		µg/L	1	7/13/2009 5:16:58 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 5:16:58 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 5:16:58 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-02

Client Sample ID: MW1-070809
Collection Date: 7/8/2009 7:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloromethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,4-Dichlorobenzene	3.7	1.0		µg/L	1	7/13/2009 5:16:58 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 5:16:58 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 5:16:58 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 5:16:58 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 5:16:58 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 5:16:58 PM

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Estimated value H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit RL Reporting Limit
 S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-02

Client Sample ID: MW1-070809
Collection Date: 7/8/2009 7:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 5:16:58 PM
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	7/13/2009 5:16:58 PM
Surr: 4-Bromofluorobenzene	106	53.2-145		%REC	1	7/13/2009 5:16:58 PM
Surr: Dibromofluoromethane	107	68.5-119		%REC	1	7/13/2009 5:16:58 PM
Surr: Toluene-d8	111	64-131		%REC	1	7/13/2009 5:16:58 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/13/2009
Carbonate	ND	2.0		mg/L CaCO3	1	7/13/2009
Bicarbonate	160	20		mg/L CaCO3	1	7/13/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	510	0.010		µmhos/cm	1	7/13/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	337	20.0		mg/L	1	7/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-03

Client Sample ID: MW2-070809
Collection Date: 7/8/2009 8:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.3	0.10		mg/L	1	7/20/2009 11:42:47 AM
Chloride	25	1.0		mg/L	10	7/20/2009 12:00:11 PM
Bromide	0.36	0.10		mg/L	1	7/20/2009 11:42:47 AM
Nitrate (As N)+Nitrite (As N)	2.6	1.0		mg/L	5	7/20/2009 12:17:36 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/20/2009 11:42:47 AM
Sulfate	50	5.0		mg/L	10	7/20/2009 12:00:11 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	7/17/2009 5:06:47 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	59	1.0		mg/L	1	7/19/2009 4:59:30 PM
Magnesium	9.6	1.0		mg/L	1	7/19/2009 4:59:30 PM
Potassium	2.0	1.0		mg/L	1	7/19/2009 4:59:30 PM
Sodium	29	1.0		mg/L	1	7/19/2009 4:59:30 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: SNV
Arsenic	ND	0.020		mg/L	1	7/19/2009 9:03:52 PM
Barium	0.058	0.020		mg/L	1	7/19/2009 9:03:52 PM
Cadmium	ND	0.0020		mg/L	1	7/19/2009 9:03:52 PM
Chromium	ND	0.0060		mg/L	1	7/19/2009 9:03:52 PM
Lead	ND	0.0050		mg/L	1	7/19/2009 9:03:52 PM
Selenium	ND	0.050		mg/L	1	7/19/2009 9:03:52 PM
Silver	ND	0.0050		mg/L	1	7/19/2009 9:03:52 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/15/2009
Acenaphthylene	ND	10		µg/L	1	7/15/2009
Aniline	ND	10		µg/L	1	7/15/2009
Anthracene	ND	10		µg/L	1	7/15/2009
Azobenzene	ND	10		µg/L	1	7/15/2009
Benz(a)anthracene	ND	10		µg/L	1	7/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	7/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzoic acid	ND	20		µg/L	1	7/15/2009
Benzyl alcohol	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-03

Client Sample ID: MW2-070809
Collection Date: 7/8/2009 8:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	7/15/2009
Carbazole	ND	10		µg/L	1	7/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/15/2009
4-Chloroaniline	ND	10		µg/L	1	7/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	7/15/2009
2-Chlorophenol	ND	10		µg/L	1	7/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Chrysene	ND	10		µg/L	1	7/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	7/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	7/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/15/2009
Dibenzofuran	ND	10		µg/L	1	7/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/15/2009
Diethyl phthalate	ND	10		µg/L	1	7/15/2009
Dimethyl phthalate	ND	10		µg/L	1	7/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	7/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	7/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
Fluoranthene	ND	10		µg/L	1	7/15/2009
Fluorene	ND	10		µg/L	1	7/15/2009
Hexachlorobenzene	ND	10		µg/L	1	7/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	7/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/15/2009
Hexachloroethane	ND	10		µg/L	1	7/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/15/2009
Isophorone	ND	10		µg/L	1	7/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	7/15/2009
2-Methylphenol	ND	10		µg/L	1	7/15/2009
3+4-Methylphenol	ND	10		µg/L	1	7/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/15/2009
Naphthalene	ND	10		µg/L	1	7/15/2009
2-Nitroaniline	ND	10		µg/L	1	7/15/2009
3-Nitroaniline	ND	10		µg/L	1	7/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-03

Client Sample ID: MW2-070809
Collection Date: 7/8/2009 8:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Nitroaniline	ND	10		µg/L	1	7/15/2009
Nitrobenzene	ND	10		µg/L	1	7/15/2009
2-Nitrophenol	ND	10		µg/L	1	7/15/2009
4-Nitrophenol	ND	10		µg/L	1	7/15/2009
Pentachlorophenol	ND	20		µg/L	1	7/15/2009
Phenanthrene	ND	10		µg/L	1	7/15/2009
Phenol	ND	10		µg/L	1	7/15/2009
Pyrene	ND	10		µg/L	1	7/15/2009
Pyridine	ND	10		µg/L	1	7/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/15/2009
Surr: 2,4,6-Tribromophenol	67.9	16.6-150		%REC	1	7/15/2009
Surr: 2-Fluorobiphenyl	57.8	19.6-134		%REC	1	7/15/2009
Surr: 2-Fluorophenol	46.2	9.54-113		%REC	1	7/15/2009
Surr: 4-Terphenyl-d14	63.8	22.7-145		%REC	1	7/15/2009
Surr: Nitrobenzene-d5	59.5	14.6-134		%REC	1	7/15/2009
Surr: Phenol-d5	32.5	10.7-80.3		%REC	1	7/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 5:46:32 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 5:46:32 PM
Acetone	ND	10		µg/L	1	7/13/2009 5:46:32 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 5:46:32 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 5:46:32 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-03

Client Sample ID: MW2-070809
Collection Date: 7/8/2009 8:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloromethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,4-Dichlorobenzene	2.9	1.0		µg/L	1	7/13/2009 5:46:32 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 5:46:32 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 5:46:32 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 5:46:32 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 5:46:32 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 5:46:32 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-03

Client Sample ID: MW2-070809
Collection Date: 7/8/2009 8:11:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 5:46:32 PM
Surr: 1,2-Dichloroethane-d4	109	68.1-123		%REC	1	7/13/2009 5:46:32 PM
Surr: 4-Bromofluorobenzene	96.2	53.2-145		%REC	1	7/13/2009 5:46:32 PM
Surr: Dibromofluoromethane	106	68.5-119		%REC	1	7/13/2009 5:46:32 PM
Surr: Toluene-d8	111	64-131		%REC	1	7/13/2009 5:46:32 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/13/2009
Carbonate	ND	2.0		mg/L CaCO3	1	7/13/2009
Bicarbonate	160	20		mg/L CaCO3	1	7/13/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	500	0.010		µmhos/cm	1	7/13/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	338	20.0		mg/L	1	7/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-04

Client Sample ID: MW3-070809
Collection Date: 7/8/2009 9:28:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGE
Fluoride	1.3	0.10		mg/L	1	7/20/2009 1:09:49 PM
Chloride	41	1.0		mg/L	10	7/20/2009 1:27:13 PM
Bromide	0.41	0.10		mg/L	1	7/20/2009 1:09:49 PM
Nitrate (As N)+Nitrite (As N)	2.7	1.0		mg/L	5	7/20/2009 1:44:38 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/20/2009 1:09:49 PM
Sulfate	58	5.0		mg/L	10	7/20/2009 1:27:13 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	0.0010	0.00020		mg/L	1	7/17/2009 5:08:36 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	70	1.0		mg/L	1	7/19/2009 5:01:46 PM
Magnesium	11	1.0		mg/L	1	7/19/2009 5:01:46 PM
Potassium	2.1	1.0		mg/L	1	7/19/2009 5:01:46 PM
Sodium	31	1.0		mg/L	1	7/19/2009 5:01:46 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: SNV
Arsenic	ND	0.020		mg/L	1	7/19/2009 9:06:54 PM
Barium	0.058	0.020		mg/L	1	7/19/2009 9:06:54 PM
Cadmium	ND	0.0020		mg/L	1	7/19/2009 9:06:54 PM
Chromium	ND	0.0060		mg/L	1	7/19/2009 9:06:54 PM
Lead	ND	0.0050		mg/L	1	7/19/2009 9:06:54 PM
Selenium	ND	0.050		mg/L	1	7/19/2009 9:06:54 PM
Silver	ND	0.0050		mg/L	1	7/19/2009 9:06:54 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/15/2009
Acenaphthylene	ND	10		µg/L	1	7/15/2009
Aniline	ND	10		µg/L	1	7/15/2009
Anthracene	ND	10		µg/L	1	7/15/2009
Azobenzene	ND	10		µg/L	1	7/15/2009
Benz(a)anthracene	ND	10		µg/L	1	7/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	7/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzoic acid	ND	20		µg/L	1	7/15/2009
Benzyl alcohol	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-04

Client Sample ID: MW3-070809
Collection Date: 7/8/2009 9:28:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	7/15/2009
Carbazole	ND	10		µg/L	1	7/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/15/2009
4-Chloroaniline	ND	10		µg/L	1	7/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	7/15/2009
2-Chlorophenol	ND	10		µg/L	1	7/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Chrysene	ND	10		µg/L	1	7/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	7/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	7/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/15/2009
Dibenzofuran	ND	10		µg/L	1	7/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/15/2009
Diethyl phthalate	ND	10		µg/L	1	7/15/2009
Dimethyl phthalate	ND	10		µg/L	1	7/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	7/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	7/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
Fluoranthene	ND	10		µg/L	1	7/15/2009
Fluorene	ND	10		µg/L	1	7/15/2009
Hexachlorobenzene	ND	10		µg/L	1	7/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	7/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/15/2009
Hexachloroethane	ND	10		µg/L	1	7/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/15/2009
Isophorone	ND	10		µg/L	1	7/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	7/15/2009
2-Methylphenol	ND	10		µg/L	1	7/15/2009
3+4-Methylphenol	ND	10		µg/L	1	7/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/15/2009
Naphthalene	ND	10		µg/L	1	7/15/2009
2-Nitroaniline	ND	10		µg/L	1	7/15/2009
3-Nitroaniline	ND	10		µg/L	1	7/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-04

Client Sample ID: MW3-070809
Collection Date: 7/8/2009 9:28:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Nitroaniline	ND	10		µg/L	1	7/15/2009
Nitrobenzene	ND	10		µg/L	1	7/15/2009
2-Nitrophenol	ND	10		µg/L	1	7/15/2009
4-Nitrophenol	ND	10		µg/L	1	7/15/2009
Pentachlorophenol	ND	20		µg/L	1	7/15/2009
Phenanthrene	ND	10		µg/L	1	7/15/2009
Phenol	ND	10		µg/L	1	7/15/2009
Pyrene	ND	10		µg/L	1	7/15/2009
Pyridine	ND	10		µg/L	1	7/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/15/2009
Surr: 2,4,6-Tribromophenol	62.2	16.6-150		%REC	1	7/15/2009
Surr: 2-Fluorobiphenyl	50.4	19.6-134		%REC	1	7/15/2009
Surr: 2-Fluorophenol	35.5	9.54-113		%REC	1	7/15/2009
Surr: 4-Terphenyl-d14	70.8	22.7-145		%REC	1	7/15/2009
Surr: Nitrobenzene-d5	48.6	14.6-134		%REC	1	7/15/2009
Surr: Phenol-d5	25.5	10.7-80.3		%REC	1	7/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 7:14:34 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 7:14:34 PM
Acetone	ND	10		µg/L	1	7/13/2009 7:14:34 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 7:14:34 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 7:14:34 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-04

Client Sample ID: MW3-070809
Collection Date: 7/8/2009 9:28:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloromethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,4-Dichlorobenzene	2.8	1.0		µg/L	1	7/13/2009 7:14:34 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 7:14:34 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 7:14:34 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 7:14:34 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 7:14:34 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 7:14:34 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-04

Client Sample ID: MW3-070809
Collection Date: 7/8/2009 9:28:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 7:14:34 PM
Surr: 1,2-Dichloroethane-d4	113	68.1-123		%REC	1	7/13/2009 7:14:34 PM
Surr: 4-Bromofluorobenzene	109	53.2-145		%REC	1	7/13/2009 7:14:34 PM
Surr: Dibromofluoromethane	111	68.5-119		%REC	1	7/13/2009 7:14:34 PM
Surr: Toluene-d8	110	64-131		%REC	1	7/13/2009 7:14:34 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/13/2009
Carbonate	ND	2.0		mg/L CaCO3	1	7/13/2009
Bicarbonate	160	20		mg/L CaCO3	1	7/13/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	570	0.010		µmhos/cm	1	7/13/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	383	20.0		mg/L	1	7/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-05

Client Sample ID: MW3-070809 DUP
Collection Date: 7/8/2009 9:30:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.6	1.0		mg/L	10	7/20/2009 2:19:28 PM
Chloride	44	1.0		mg/L	10	7/20/2009 2:19:28 PM
Bromide	0.42	0.10		mg/L	1	7/20/2009 2:02:03 PM
Nitrate (As N)+Nitrite (As N)	2.9	1.0		mg/L	5	7/20/2009 2:36:52 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/20/2009 2:02:03 PM
Sulfate	63	5.0		mg/L	10	7/20/2009 2:19:28 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	0.0018	0.00020		mg/L	1	7/17/2009 5:10:25 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	68	1.0		mg/L	1	7/19/2009 5:04:11 PM
Magnesium	11	1.0		mg/L	1	7/19/2009 5:04:11 PM
Potassium	2.1	1.0		mg/L	1	7/19/2009 5:04:11 PM
Sodium	31	1.0		mg/L	1	7/19/2009 5:04:11 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: SNV
Arsenic	ND	0.020		mg/L	1	7/19/2009 9:09:57 PM
Barium	0.061	0.020		mg/L	1	7/19/2009 9:09:57 PM
Cadmium	ND	0.0020		mg/L	1	7/19/2009 9:09:57 PM
Chromium	ND	0.0060		mg/L	1	7/19/2009 9:09:57 PM
Lead	ND	0.0050		mg/L	1	7/19/2009 9:09:57 PM
Selenium	ND	0.050		mg/L	1	7/19/2009 9:09:57 PM
Silver	ND	0.0050		mg/L	1	7/19/2009 9:09:57 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/15/2009
Acenaphthylene	ND	10		µg/L	1	7/15/2009
Aniline	ND	10		µg/L	1	7/15/2009
Anthracene	ND	10		µg/L	1	7/15/2009
Azobenzene	ND	10		µg/L	1	7/15/2009
Benz(a)anthracene	ND	10		µg/L	1	7/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	7/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzoic acid	ND	20		µg/L	1	7/15/2009
Benzyl alcohol	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-05

Client Sample ID: MW3-070809 DUP
Collection Date: 7/8/2009 9:30:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	7/15/2009
Carbazole	ND	10		µg/L	1	7/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/15/2009
4-Chloroaniline	ND	10		µg/L	1	7/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	7/15/2009
2-Chlorophenol	ND	10		µg/L	1	7/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Chrysene	ND	10		µg/L	1	7/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	7/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	7/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/15/2009
Dibenzofuran	ND	10		µg/L	1	7/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/15/2009
Diethyl phthalate	ND	10		µg/L	1	7/15/2009
Dimethyl phthalate	ND	10		µg/L	1	7/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	7/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	7/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
Fluoranthene	ND	10		µg/L	1	7/15/2009
Fluorene	ND	10		µg/L	1	7/15/2009
Hexachlorobenzene	ND	10		µg/L	1	7/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	7/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/15/2009
Hexachloroethane	ND	10		µg/L	1	7/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/15/2009
Isophorone	ND	10		µg/L	1	7/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	7/15/2009
2-Methylphenol	ND	10		µg/L	1	7/15/2009
3+4-Methylphenol	ND	10		µg/L	1	7/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/15/2009
Naphthalene	ND	10		µg/L	1	7/15/2009
2-Nitroaniline	ND	10		µg/L	1	7/15/2009
3-Nitroaniline	ND	10		µg/L	1	7/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-05

Client Sample ID: MW3-070809 DUP
Collection Date: 7/8/2009 9:30:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Nitroaniline	ND	10		µg/L	1	7/15/2009
Nitrobenzene	ND	10		µg/L	1	7/15/2009
2-Nitrophenol	ND	10		µg/L	1	7/15/2009
4-Nitrophenol	ND	10		µg/L	1	7/15/2009
Pentachlorophenol	ND	20		µg/L	1	7/15/2009
Phenanthrene	ND	10		µg/L	1	7/15/2009
Phenol	ND	10		µg/L	1	7/15/2009
Pyrene	ND	10		µg/L	1	7/15/2009
Pyridine	ND	10		µg/L	1	7/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/15/2009
Surr: 2,4,6-Tribromophenol	73.6	16.6-150		%REC	1	7/15/2009
Surr: 2-Fluorobiphenyl	69.2	19.6-134		%REC	1	7/15/2009
Surr: 2-Fluorophenol	48.4	9.54-113		%REC	1	7/15/2009
Surr: 4-Terphenyl-d14	72.2	22.7-145		%REC	1	7/15/2009
Surr: Nitrobenzene-d5	72.4	14.6-134		%REC	1	7/15/2009
Surr: Phenol-d5	34.3	10.7-80.3		%REC	1	7/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 7:43:48 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 7:43:48 PM
Acetone	ND	10		µg/L	1	7/13/2009 7:43:48 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 7:43:48 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 7:43:48 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-05

Client Sample ID: MW3-070809 DUP
Collection Date: 7/8/2009 9:30:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloromethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,4-Dichlorobenzene	2.3	1.0		µg/L	1	7/13/2009 7:43:48 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 7:43:48 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 7:43:48 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 7:43:48 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 7:43:48 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 7:43:48 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-05

Client Sample ID: MW3-070809 DUP
Collection Date: 7/8/2009 9:30:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 7:43:48 PM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	7/13/2009 7:43:48 PM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	7/13/2009 7:43:48 PM
Surr: Dibromofluoromethane	109	68.5-119		%REC	1	7/13/2009 7:43:48 PM
Surr: Toluene-d8	107	64-131		%REC	1	7/13/2009 7:43:48 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/13/2009
Carbonate	ND	2.0		mg/L CaCO3	1	7/13/2009
Bicarbonate	160	20		mg/L CaCO3	1	7/13/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	570	0.010		µmhos/cm	1	7/13/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	388	20.0		mg/L	1	7/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-06

Client Sample ID: PND-070809
Collection Date: 7/8/2009 10:10:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	3.0	0.10		mg/L	1	7/20/2009 2:54:17 PM
Chloride	290	2.0		mg/L	20	7/20/2009 3:11:42 PM
Bromide	1.8	0.10		mg/L	1	7/20/2009 2:54:17 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	7/20/2009 3:29:07 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/20/2009 2:54:17 PM
Sulfate	270	10		mg/L	20	7/20/2009 3:11:42 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	7/17/2009 5:12:15 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	38	1.0		mg/L	1	7/19/2009 5:06:35 PM
Magnesium	25	1.0		mg/L	1	7/19/2009 5:06:35 PM
Potassium	15	1.0		mg/L	1	7/19/2009 5:06:35 PM
Sodium	230	5.0		mg/L	5	7/19/2009 6:03:53 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: SNV
Arsenic	ND	0.020		mg/L	1	7/19/2009 9:13:00 PM
Barium	0.063	0.020		mg/L	1	7/19/2009 9:13:00 PM
Cadmium	ND	0.0020		mg/L	1	7/19/2009 9:13:00 PM
Chromium	ND	0.0060		mg/L	1	7/19/2009 9:13:00 PM
Lead	ND	0.0050		mg/L	1	7/19/2009 9:13:00 PM
Selenium	ND	0.050		mg/L	1	7/19/2009 9:13:00 PM
Silver	ND	0.0050		mg/L	1	7/19/2009 9:13:00 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/15/2009
Acenaphthylene	ND	10		µg/L	1	7/15/2009
Aniline	ND	10		µg/L	1	7/15/2009
Anthracene	ND	10		µg/L	1	7/15/2009
Azobenzene	ND	10		µg/L	1	7/15/2009
Benz(a)anthracene	ND	10		µg/L	1	7/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	7/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	7/15/2009
Benzoic acid	ND	20		µg/L	1	7/15/2009
Benzyl alcohol	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/15/2009
Bis(2-ethylhexyl)phthalate	11	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-06

Client Sample ID: PND-070809
Collection Date: 7/8/2009 10:10:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	7/15/2009
Carbazole	ND	10		µg/L	1	7/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/15/2009
4-Chloroaniline	ND	10		µg/L	1	7/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	7/15/2009
2-Chlorophenol	ND	10		µg/L	1	7/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/15/2009
Chrysene	ND	10		µg/L	1	7/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	7/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	7/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/15/2009
Dibenzofuran	ND	10		µg/L	1	7/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	7/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/15/2009
Diethyl phthalate	ND	10		µg/L	1	7/15/2009
Dimethyl phthalate	ND	10		µg/L	1	7/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	7/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	7/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	7/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	7/15/2009
Fluoranthene	ND	10		µg/L	1	7/15/2009
Fluorene	ND	10		µg/L	1	7/15/2009
Hexachlorobenzene	ND	10		µg/L	1	7/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	7/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/15/2009
Hexachloroethane	ND	10		µg/L	1	7/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/15/2009
Isophorone	ND	10		µg/L	1	7/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	7/15/2009
2-Methylphenol	ND	10		µg/L	1	7/15/2009
3+4-Methylphenol	ND	10		µg/L	1	7/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	7/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/15/2009
Naphthalene	ND	10		µg/L	1	7/15/2009
2-Nitroaniline	ND	10		µg/L	1	7/15/2009
3-Nitroaniline	ND	10		µg/L	1	7/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-06

Client Sample ID: PND-070809
Collection Date: 7/8/2009 10:10:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Nitroaniline	ND	10		µg/L	1	7/15/2009
Nitrobenzene	ND	10		µg/L	1	7/15/2009
2-Nitrophenol	ND	10		µg/L	1	7/15/2009
4-Nitrophenol	ND	10		µg/L	1	7/15/2009
Pentachlorophenol	ND	20		µg/L	1	7/15/2009
Phenanthrene	ND	10		µg/L	1	7/15/2009
Phenol	ND	10		µg/L	1	7/15/2009
Pyrene	ND	10		µg/L	1	7/15/2009
Pyridine	ND	10		µg/L	1	7/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/15/2009
Surr: 2,4,6-Tribromophenol	62.0	16.6-150		%REC	1	7/15/2009
Surr: 2-Fluorobiphenyl	58.1	19.6-134		%REC	1	7/15/2009
Surr: 2-Fluorophenol	41.2	9.54-113		%REC	1	7/15/2009
Surr: 4-Terphenyl-d14	61.0	22.7-145		%REC	1	7/15/2009
Surr: Nitrobenzene-d5	55.9	14.6-134		%REC	1	7/15/2009
Surr: Phenol-d5	31.1	10.7-80.3		%REC	1	7/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Toluene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Ethylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Naphthalene	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 8:12:59 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2009 8:12:59 PM
Acetone	ND	10		µg/L	1	7/13/2009 8:12:59 PM
Bromobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Bromoform	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Bromomethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
2-Butanone	ND	10		µg/L	1	7/13/2009 8:12:59 PM
Carbon disulfide	ND	10		µg/L	1	7/13/2009 8:12:59 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Chlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Chloroethane	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
Chloroform	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
 Lab Order: 0907189
 Project: Hobbs Generating Station (HGS)
 Lab ID: 0907189-06

Client Sample ID: PND-070809
 Collection Date: 7/8/2009 10:10:00 AM
 Date Received: 7/10/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloromethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Dibromomethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
2-Hexanone	ND	10		µg/L	1	7/13/2009 8:12:59 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2009 8:12:59 PM
Methylene Chloride	ND	3.0		µg/L	1	7/13/2009 8:12:59 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Styrene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2009 8:12:59 PM
Vinyl chloride	ND	1.0		µg/L	1	7/13/2009 8:12:59 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-09

CLIENT: Colorado Energy Management
Lab Order: 0907189
Project: Hobbs Generating Station (HGS)
Lab ID: 0907189-06

Client Sample ID: PND-070809
Collection Date: 7/8/2009 10:10:00 AM
Date Received: 7/10/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Xylenes, Total	ND	1.5		µg/L	1	7/13/2009 8:12:59 PM
Surr: 1,2-Dichloroethane-d4	117	68.1-123		%REC	1	7/13/2009 8:12:59 PM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	7/13/2009 8:12:59 PM
Surr: Dibromofluoromethane	118	68.5-119		%REC	1	7/13/2009 8:12:59 PM
Surr: Toluene-d8	110	64-131		%REC	1	7/13/2009 8:12:59 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	120	20		mg/L CaCO3	1	7/13/2009
Carbonate	50	2.0		mg/L CaCO3	1	7/13/2009
Bicarbonate	69	20		mg/L CaCO3	1	7/13/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	1500	0.010		µmhos/cm	1	7/13/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	1080	40.0		mg/L	1	7/13/2009

Qualifiers:

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- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: 0907189-02CMSD		MSD				Batch ID: R34588	Analysis Date: 7/20/2009 11:25:22 AM		
Fluoride	1.894	mg/L	0.10	86.6	75.3	117	0.291	20	
Bromide	2.735	mg/L	0.10	96.1	89	110	3.40	20	
Phosphorus, Orthophosphate (As P)	4.790	mg/L	0.50	95.8	74.5	116	7.35	20	H
Sample ID: MB		MBLK				Batch ID: R34588	Analysis Date: 7/20/2009 9:40:54 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		LCS				Batch ID: R34588	Analysis Date: 7/20/2009 9:58:19 AM		
Fluoride	0.5008	mg/L	0.10	100	90	110			
Chloride	4.998	mg/L	0.10	100	90	110			
Bromide	2.623	mg/L	0.10	105	90	110			
Nitrate (As N)+Nitrite (As N)	3.508	mg/L	0.20	100	90	110			
Phosphorus, Orthophosphate (As P)	4.935	mg/L	0.50	98.7	90	110			
Sulfate	9.763	mg/L	0.50	97.6	90	110			
Sample ID: 0907189-02CMS		MS				Batch ID: R34588	Analysis Date: 7/20/2009 11:07:57 AM		
Fluoride	1.888	mg/L	0.10	85.5	75.3	117			
Bromide	2.643	mg/L	0.10	92.5	89	110			
Phosphorus, Orthophosphate (As P)	4.450	mg/L	0.50	89.0	74.5	116			H
Method: SM 2320B: Alkalinity									
Sample ID: MB		MBLK				Batch ID: R34503	Analysis Date: 7/13/2009		
Alkalinity, Total (As CaCO3)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						
Sample ID: 80PPM LCS		LCS				Batch ID: R34503	Analysis Date: 7/13/2009		
Alkalinity, Total (As CaCO3)	79.92	mg/L CaC	20	83.9	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
P	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-19589.

MBLK

Batch ID:

19589

Analysis Date:

7/15/2009

Acenaphthene	ND	µg/L	10
Acenaphthylene	ND	µg/L	10
Aniline	ND	µg/L	10
Anthracene	ND	µg/L	10
Azobenzene	ND	µg/L	10
Benz(a)anthracene	ND	µg/L	10
Benzo(a)pyrene	ND	µg/L	10
Benzo(b)fluoranthene	ND	µg/L	10
Benzo(g,h,i)perylene	ND	µg/L	10
Benzo(k)fluoranthene	ND	µg/L	10
Benzoic acid	ND	µg/L	20
Benzyl alcohol	ND	µg/L	10
Bis(2-chloroethoxy)methane	ND	µg/L	10
Bis(2-chloroethyl)ether	ND	µg/L	10
Bis(2-chloroisopropyl)ether	ND	µg/L	10
Bis(2-ethylhexyl)phthalate	ND	µg/L	10
4-Bromophenyl phenyl ether	ND	µg/L	10
Butyl benzyl phthalate	ND	µg/L	10
Carbazole	ND	µg/L	10
4-Chloro-3-methylphenol	ND	µg/L	10
4-Chloroaniline	ND	µg/L	10
2-Chloronaphthalene	ND	µg/L	10
2-Chlorophenol	ND	µg/L	10
4-Chlorophenyl phenyl ether	ND	µg/L	10
Chrysene	ND	µg/L	10
Di-n-butyl phthalate	ND	µg/L	10
Di-n-octyl phthalate	ND	µg/L	10
Dibenz(a,h)anthracene	ND	µg/L	10
Dibenzofuran	ND	µg/L	10
1,2-Dichlorobenzene	ND	µg/L	10
1,3-Dichlorobenzene	ND	µg/L	10
1,4-Dichlorobenzene	ND	µg/L	10
3,3'-Dichlorobenzidine	ND	µg/L	10
Diethyl phthalate	ND	µg/L	10
Dimethyl phthalate	ND	µg/L	10
2,4-Dichlorophenol	ND	µg/L	20
2,4-Dimethylphenol	ND	µg/L	10
4,6-Dinitro-2-methylphenol	ND	µg/L	20
2,4-Dinitrophenol	ND	µg/L	20
2,4-Dinitrotoluene	ND	µg/L	10
2,6-Dinitrotoluene	ND	µg/L	10
Fluoranthene	ND	µg/L	10
Fluorene	ND	µg/L	10
Hexachlorobenzene	ND	µg/L	10

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-19589	MBLK		Batch ID: 19589		Analysis Date: 7/15/2009				
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
Methylnaphthalene	ND	µg/L	10						
Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
Nitrosodi-n-propylamine	ND	µg/L	10						
Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
o-tolubenzene	ND	µg/L	10						
Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Benanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Quinidine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-19589	LCS		Batch ID: 19589		Analysis Date: 7/15/2009				
Acenaphthene	53.54	µg/L	10	53.5	33.2	88.1			
Chloro-3-methylphenol	109.0	µg/L	10	54.5	26.5	101			
Chlorophenol	92.30	µg/L	10	46.2	27.5	88.7			
1,4-Dichlorobenzene	43.48	µg/L	10	43.5	27.2	74.1			
2,4-Dinitrotoluene	58.54	µg/L	10	58.5	32.6	107			
Nitrosodi-n-propylamine	56.04	µg/L	10	56.0	27.1	96.3			
4-Nitrophenol	54.76	µg/L	10	27.4	6.78	74.7			
Pentachlorophenol	101.1	µg/L	20	50.5	14.8	113			
Phenol	55.80	µg/L	10	27.9	17	53.4			
Pyrene	59.02	µg/L	10	59.0	27	96.3			
1,2,4-Trichlorobenzene	50.20	µg/L	10	50.2	30	77.9			
Sample ID: lcsd-19589	LCSD		Batch ID: 19589		Analysis Date: 7/15/2009				
Acenaphthene	61.14	µg/L	10	61.1	33.2	88.1	13.3	30.5	
4-Chloro-3-methylphenol	121.4	µg/L	10	60.7	26.5	101	10.8	28.6	
Chlorophenol	115.3	µg/L	10	57.7	27.5	88.7	22.2	107	
1,4-Dichlorobenzene	56.88	µg/L	10	56.9	27.2	74.1	26.7	62.1	
2,4-Dinitrotoluene	67.02	µg/L	10	67.0	32.6	107	13.5	14.7	

Qualifiers:

E Estimated value H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: 1cad-19589		LCSD			Batch ID: 19589		Analysis Date: 7/15/2009	
N-Nitrosodi-n-propylamine	67.18	µg/L	10	67.2	27.1	96.3	18.1	30.3
4-Nitrophenol	45.28	µg/L	10	22.6	6.78	74.7	19.0	36.3
Pentachlorophenol	107.8	µg/L	20	53.9	14.8	113	6.45	49
Phenol	69.14	µg/L	10	34.6	17	53.4	21.4	52.4
Pyrene	66.28	µg/L	10	66.3	27	96.3	11.6	16.3
1,2,4-Trichlorobenzene	61.66	µg/L	10	61.7	30	77.9	20.5	36.4

Method: EPA Method 7470: Mercury

Sample ID: MBLK-19626	MBLK				Batch ID: 19626	Analysis Date: 7/17/2009 5:01:24 PM
Mercury	ND	mg/L	0.00020			
Sample ID: LCS1-19626	LCS				Batch ID: 19626	Analysis Date: 7/17/2009 5:03:12 PM
Mercury	0.005110	mg/L	0.00020	102	80	120
Sample ID: LCS1-19626	LCS				Batch ID: 19626	Analysis Date: 7/17/2009 5:44:44 PM
Mercury	0.004754	mg/L	0.00020	94.6	80	120

Method: EPA Method 6010B: Dissolved Metals

Sample ID: MB	MBLK				Batch ID: R34563	Analysis Date: 7/19/2009 4:50:42 PM
Calcium	ND	mg/L	1.0			
Magnesium	ND	mg/L	1.0			
Potassium	ND	mg/L	1.0			
Sodium	ND	mg/L	1.0			
Sample ID: LCS	LCS				Batch ID: R34563	Analysis Date: 7/19/2009 4:53:15 PM
Calcium	50.09	mg/L	1.0	99.2	80	120
Magnesium	49.83	mg/L	1.0	98.7	80	120
Potassium	49.20	mg/L	1.0	89.3	80	120
Sodium	49.37	mg/L	1.0	97.8	80	120

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA 6010B: Total Recoverable Metals

Sample ID: MB-19607		MBLK		Batch ID: 19607	Analysis Date: 7/19/2009 8:45:14 PM
Arsenic	0.02216	mg/L	0.020		
Barium	ND	mg/L	0.010		
Cadmium	ND	mg/L	0.0020		
Chromium	ND	mg/L	0.0060		
Lead	ND	mg/L	0.0050		
Selenium	ND	mg/L	0.050		
Silver	ND	mg/L	0.0050		

Sample ID: LCS-19607		LCS			Batch ID: 19607		Analysis Date: 7/19/2009 8:48:20 PM	
Arsenic	0.5052	mg/L	0.020	96.6	80	120	B	
Barium	0.4950	mg/L	0.010	99.0	80	120		
Cadmium	0.4931	mg/L	0.0020	98.6	80	120		
Chromium	0.4985	mg/L	0.0060	99.7	80	120		
Lead	0.4878	mg/L	0.0050	97.6	80	120		
Selenium	0.4429	mg/L	0.050	88.6	80	120		
Silver	0.4992	mg/L	0.0050	99.7	80	120		

Sample ID: LCS-19607		LCS			Batch ID: 19607		Analysis Date: 7/19/2009 8:51:39 PM		
Arsenic	0.4913	mg/L	0.020	93.8	80	120	2.79	0	B
Barium	0.4917	mg/L	0.010	98.3	80	120	0.669	0	
Cadmium	0.4914	mg/L	0.0020	98.3	80	120	0.346	0	
Chromium	0.4971	mg/L	0.0060	99.4	80	120	0.298	0	
Lead	0.4779	mg/L	0.0050	95.6	80	120	2.05	0	
Selenium	0.4716	mg/L	0.050	94.3	80	120	6.29	0	
Silver	0.4943	mg/L	0.0050	98.7	80	120	0.986	0	

Method: SM2540C MOD: Total Dissolved Solids

Sample ID: 0907189-04CMSD		MSD			Batch ID: 19590		Analysis Date:		7/13/2009
Total Dissolved Solids	1405	mg/L	20.0	102	80	120	0.213	20	
Sample ID: MB-19590		MBLK			Batch ID: 19590		Analysis Date:		7/13/2009
Total Dissolved Solids	ND	mg/L	20.0						
Sample ID: LCS-19590		LCS			Batch ID: 19590		Analysis Date:		7/13/2009
Total Dissolved Solids	1025	mg/L	20.0	103	80	120			
Sample ID: 0907189-04CMS		MS			Batch ID: 19590		Analysis Date:		7/13/2009
Total Dissolved Solids	1408	mg/L	20.0	103	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0907189-03a MSD

MSD

Batch ID: R34506

Analysis Date: 7/13/2009 6:45:19 PM

Benzene	18.74	µg/L	1.0	93.7	84.9	122	0.479	15
Toluene	17.96	µg/L	1.0	89.8	80.3	114	8.43	15
Chlorobenzene	18.03	µg/L	1.0	90.2	71.9	134	5.47	15
1,1-Dichloroethene	21.50	µg/L	1.0	107	88	144	1.77	17.8
Trichloroethene (TCE)	19.41	µg/L	1.0	97.1	87.1	114	3.95	19.8

Sample ID: 5ml rb

MBLK

Batch ID: R34506

Analysis Date: 7/13/2009 8:57:08 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R34506 Analysis Date: 7/13/2009 8:57:08 AM

2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
1,2-Dichlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Propenyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
Isopropylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
t-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
1,1,2-Trichloroethane (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,3,5-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
1,1,1-Trichloroethane (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Aromatics, Total	ND	µg/L	1.5

Sample ID: b5

MBLK

Batch ID: R34506 Analysis Date: 7/13/2009 10:38:20 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,4-Dimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,1-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
D	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R34506 Analysis Date: 7/13/2009 10:38:20 PM

2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station (HGS)

Work Order: 0907189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5 MBLK Batch ID: R34506 Analysis Date: 7/13/2009 10:38:20 PM

Trichloroethene (TCE)	ND	µg/L	1.0			
Trichlorofluoromethane	ND	µg/L	1.0			
1,2,3-Trichloropropane	ND	µg/L	2.0			
Vinyl chloride	ND	µg/L	1.0			
Xylenes, Total	ND	µg/L	1.5			

Sample ID: 100ng lcs LCS Batch ID: R34506 Analysis Date: 7/13/2009 9:55:08 AM

Benzene	19.87	µg/L	1.0	99.3	76.7	114
Toluene	20.12	µg/L	1.0	101	78.4	117
Chlorobenzene	18.87	µg/L	1.0	94.4	80.7	127
1,1-Dichloroethene	23.44	µg/L	1.0	117	80.2	128
Trichloroethene (TCE)	20.86	µg/L	1.0	104	77.4	115

Sample ID: 100ng lcs_b LCS Batch ID: R34506 Analysis Date: 7/13/2009 10:09:18 PM

Benzene	20.49	µg/L	1.0	102	76.7	114
Toluene	19.19	µg/L	1.0	96.0	78.4	117
Chlorobenzene	18.79	µg/L	1.0	94.0	80.7	127
1,1-Dichloroethene	23.18	µg/L	1.0	116	80.2	128
Trichloroethene (TCE)	20.60	µg/L	1.0	103	77.4	115

Sample ID: 0907189-03a MS Batch ID: R34506 Analysis Date: 7/13/2009 6:15:58 PM

Benzene	18.83	µg/L	1.0	94.1	84.9	122
Toluene	19.54	µg/L	1.0	97.7	80.3	114
Chlorobenzene	19.04	µg/L	1.0	95.2	71.9	134
1,1-Dichloroethene	21.12	µg/L	1.0	106	88	144
Trichloroethene (TCE)	18.66	µg/L	1.0	93.3	87.1	114

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

7/10/2009

Work Order Number 0907189

Received by: AT

Sample ID labels checked by:

Initials

Checklist completed by:

Signature

Date

Matrix:

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐ Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
Container/Temp Blank temperature?	18.4°	<6° C Acceptable if given sufficient time to cool.	

Number of preserved
bottles checked for
pH:

<2 >12 unless noted
below.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

April 22, 2009



COVER LETTER

Wednesday, April 22, 2009

Adam Rogge
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240-9359

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0904130

Dear Adam Rogge:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 4/9/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Business Manager

Nancy McDuffie, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
 Lab Order: 0904130
 Project: Hobbs Generating Station
 Lab ID: 0904130-01

Client Sample ID: Trip Blank
 Collection Date:
 Date Received: 4/9/2009
 Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 3:27:48 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 3:27:48 PM
Acetone	ND	10		µg/L	1	4/11/2009 3:27:48 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 3:27:48 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 3:27:48 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
Chloroform	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 3:27:48 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 4/9/2009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 3:27:48 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 3:27:48 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 3:27:48 PM
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 3:27:48 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 3:27:48 PM
Surr: 1,2-Dichloroethane-d4	96.4	68.1-123		%REC	1	4/11/2009 3:27:48 PM
Surr: 4-Bromofluorobenzene	97.6	53.2-145		%REC	1	4/11/2009 3:27:48 PM
Surr: Dibromofluoromethane	94.0	68.5-119		%REC	1	4/11/2009 3:27:48 PM
Surr: Toluene-d8	89.9	64-131		%REC	1	4/11/2009 3:27:48 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-02

Client Sample ID: MW3-040809
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.5	0.10		mg/L	1	4/9/2009 5:57:45 PM
Chloride	38	0.10		mg/L	1	4/9/2009 5:57:45 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/9/2009 5:57:45 PM
Bromide	0.67	0.10		mg/L	1	4/9/2009 5:57:45 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	4/9/2009 5:57:45 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/9/2009 5:57:45 PM
Sulfate	62	0.50		mg/L	1	4/9/2009 5:57:45 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	4/13/2009 5:15:24 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: SNV
Calcium	70	1.0		mg/L	1	4/16/2009 11:04:11 AM
Magnesium	11	1.0		mg/L	1	4/16/2009 11:04:11 AM
Potassium	2.1	1.0		mg/L	1	4/16/2009 11:04:11 AM
Sodium	31	1.0		mg/L	1	4/16/2009 11:04:11 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	4/15/2009 11:29:58 AM
Barium	0.058	0.020		mg/L	1	4/15/2009 11:29:58 AM
Cadmium	ND	0.0020		mg/L	1	4/15/2009 11:29:58 AM
Chromium	ND	0.0060		mg/L	1	4/15/2009 11:29:58 AM
Lead	ND	0.0050		mg/L	1	4/15/2009 11:29:58 AM
Selenium	ND	0.050		mg/L	1	4/15/2009 11:29:58 AM
Silver	ND	0.0050		mg/L	1	4/15/2009 11:29:58 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2009
Acenaphthylene	ND	10		µg/L	1	4/15/2009
Aniline	ND	10		µg/L	1	4/15/2009
Anthracene	ND	10		µg/L	1	4/15/2009
Azobenzene	ND	10		µg/L	1	4/15/2009
Benz(a)anthracene	ND	10		µg/L	1	4/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzoic acid	ND	20		µg/L	1	4/15/2009
Benzyl alcohol	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-02

Client Sample ID: MW3-040809
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2009
Carbazole	ND	10		µg/L	1	4/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2009
4-Chloroaniline	ND	10		µg/L	1	4/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2009
2-Chlorophenol	ND	10		µg/L	1	4/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Chrysene	ND	10		µg/L	1	4/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2009
Dibenzofuran	ND	10		µg/L	1	4/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2009
Diethyl phthalate	ND	10		µg/L	1	4/15/2009
Dimethyl phthalate	ND	10		µg/L	1	4/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	4/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
Fluoranthene	ND	10		µg/L	1	4/15/2009
Fluorene	ND	10		µg/L	1	4/15/2009
Hexachlorobenzene	ND	10		µg/L	1	4/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2009
Hexachloroethane	ND	10		µg/L	1	4/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2009
Isophorone	ND	10		µg/L	1	4/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2009
2-Methylphenol	ND	10		µg/L	1	4/15/2009
3+4-Methylphenol	ND	10		µg/L	1	4/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2009
Naphthalene	ND	10		µg/L	1	4/15/2009
2-Nitroaniline	ND	10		µg/L	1	4/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-02

Client Sample ID: MW3-040809
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2009
4-Nitroaniline	ND	10		µg/L	1	4/15/2009
Nitrobenzene	ND	10		µg/L	1	4/15/2009
2-Nitrophenol	ND	10		µg/L	1	4/15/2009
4-Nitrophenol	ND	10		µg/L	1	4/15/2009
Pentachlorophenol	ND	20		µg/L	1	4/15/2009
Phenanthrene	ND	10		µg/L	1	4/15/2009
Phenol	ND	10		µg/L	1	4/15/2009
Pyrene	ND	10		µg/L	1	4/15/2009
Pyridine	ND	10		µg/L	1	4/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2009
Surr: 2,4,6-Tribromophenol	68.6	16.6-150		%REC	1	4/15/2009
Surr: 2-Fluorobiphenyl	65.1	19.6-134		%REC	1	4/15/2009
Surr: 2-Fluorophenol	46.3	9.54-113		%REC	1	4/15/2009
Surr: 4-Terphenyl-d14	61.3	22.7-145		%REC	1	4/15/2009
Surr: Nitrobenzene-d5	65.4	14.6-134		%REC	1	4/15/2009
Surr: Phenol-d5	34.1	10.7-80.3		%REC	1	4/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 3:56:22 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 3:56:22 PM
Acetone	ND	10		µg/L	1	4/11/2009 3:56:22 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 3:56:22 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 3:56:22 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-02

Client Sample ID: MW3-040809
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,4-Dichlorobenzene	4.5	1.0		µg/L	1	4/11/2009 3:56:22 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 3:56:22 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 3:56:22 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 3:56:22 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 3:56:22 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-02

Client Sample ID: MW3-040809
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 3:56:22 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 3:56:22 PM
Surr: 1,2-Dichloroethane-d4	88.7	68.1-123		%REC	1	4/11/2009 3:56:22 PM
Surr: 4-Bromofluorobenzene	95.3	53.2-145		%REC	1	4/11/2009 3:56:22 PM
Surr: Dibromofluoromethane	99.2	68.5-119		%REC	1	4/11/2009 3:56:22 PM
Surr: Toluene-d8	92.4	64-131		%REC	1	4/11/2009 3:56:22 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	150	20		mg/L CaCO3	1	4/10/2009
Carbonate	ND	2.0		mg/L CaCO3	1	4/10/2009
Bicarbonate	150	20		mg/L CaCO3	1	4/10/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	560	0.010		µmhos/cm	1	4/10/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JAT
Total Dissolved Solids	420	40		mg/L	1	4/13/2009

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-03

Client Sample ID: MW3-040809DUP
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.5	0.10		mg/L	1	4/9/2009 6:32:34 PM
Chloride	39	0.10		mg/L	1	4/9/2009 6:32:34 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/9/2009 6:32:34 PM
Bromide	0.58	0.10		mg/L	1	4/9/2009 6:32:34 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	4/9/2009 6:32:34 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/9/2009 6:32:34 PM
Sulfate	63	0.50		mg/L	1	4/9/2009 6:32:34 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	4/13/2009 5:17:08 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: SNV
Calcium	70	1.0		mg/L	1	4/16/2009 11:06:44 AM
Magnesium	11	1.0		mg/L	1	4/16/2009 11:06:44 AM
Potassium	2.1	1.0		mg/L	1	4/16/2009 11:06:44 AM
Sodium	31	1.0		mg/L	1	4/16/2009 11:06:44 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	4/15/2009 11:33:07 AM
Barium	0.056	0.020		mg/L	1	4/15/2009 11:33:07 AM
Cadmium	ND	0.0020		mg/L	1	4/15/2009 11:33:07 AM
Chromium	ND	0.0060		mg/L	1	4/15/2009 11:33:07 AM
Lead	ND	0.0050		mg/L	1	4/15/2009 11:33:07 AM
Selenium	ND	0.050		mg/L	1	4/15/2009 11:33:07 AM
Silver	ND	0.0050		mg/L	1	4/15/2009 11:33:07 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2009
Acenaphthylene	ND	10		µg/L	1	4/15/2009
Aniline	ND	10		µg/L	1	4/15/2009
Anthracene	ND	10		µg/L	1	4/15/2009
Azobenzene	ND	10		µg/L	1	4/15/2009
Benz(a)anthracene	ND	10		µg/L	1	4/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzoic acid	ND	20		µg/L	1	4/15/2009
Benzyl alcohol	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
 Lab Order: 0904130
 Project: Hobbs Generating Station
 Lab ID: 0904130-03

Client Sample ID: MW3-040809DUP
 Collection Date: 4/8/2009 8:45:00 AM
 Date Received: 4/9/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2009
Carbazole	ND	10		µg/L	1	4/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2009
4-Chloroaniline	ND	10		µg/L	1	4/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2009
2-Chlorophenol	ND	10		µg/L	1	4/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Chrysene	ND	10		µg/L	1	4/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2009
Dibenzofuran	ND	10		µg/L	1	4/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2009
Diethyl phthalate	ND	10		µg/L	1	4/15/2009
Dimethyl phthalate	ND	10		µg/L	1	4/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	4/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
Fluoranthene	ND	10		µg/L	1	4/15/2009
Fluorene	ND	10		µg/L	1	4/15/2009
Hexachlorobenzene	ND	10		µg/L	1	4/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2009
Hexachloroethane	ND	10		µg/L	1	4/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2009
Isophorone	ND	10		µg/L	1	4/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2009
2-Methylphenol	ND	10		µg/L	1	4/15/2009
3+4-Methylphenol	ND	10		µg/L	1	4/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2009
Naphthalene	ND	10		µg/L	1	4/15/2009
2-Nitroaniline	ND	10		µg/L	1	4/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-03

Client Sample ID: MW3-040809DUP
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2009
4-Nitroaniline	ND	10		µg/L	1	4/15/2009
Nitrobenzene	ND	10		µg/L	1	4/15/2009
2-Nitrophenol	ND	10		µg/L	1	4/15/2009
4-Nitrophenol	ND	10		µg/L	1	4/15/2009
Pentachlorophenol	ND	20		µg/L	1	4/15/2009
Phenanthrene	ND	10		µg/L	1	4/15/2009
Phenol	ND	10		µg/L	1	4/15/2009
Pyrene	ND	10		µg/L	1	4/15/2009
Pyridine	ND	10		µg/L	1	4/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2009
Surr: 2,4,6-Tribromophenol	68.7	16.6-150		%REC	1	4/15/2009
Surr: 2-Fluorobiphenyl	66.2	19.6-134		%REC	1	4/15/2009
Surr: 2-Fluorophenol	43.7	9.54-113		%REC	1	4/15/2009
Surr: 4-Terphenyl-d14	58.8	22.7-145		%REC	1	4/15/2009
Surr: Nitrobenzene-d5	67.4	14.6-134		%REC	1	4/15/2009
Surr: Phenol-d5	32.6	10.7-80.3		%REC	1	4/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 4:24:56 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 4:24:56 PM
Acetone	ND	10		µg/L	1	4/11/2009 4:24:56 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 4:24:56 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 4:24:56 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-03

Client Sample ID: MW3-040809DUP
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,4-Dichlorobenzene	3.3	1.0		µg/L	1	4/11/2009 4:24:56 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 4:24:56 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 4:24:56 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 4:24:56 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 4:24:56 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-03

Client Sample ID: MW3-040809DUP
Collection Date: 4/8/2009 8:45:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 4:24:56 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 4:24:56 PM
Surr: 1,2-Dichloroethane-d4	90.6	68.1-123		%REC	1	4/11/2009 4:24:56 PM
Surr: 4-Bromofluorobenzene	97.0	53.2-145		%REC	1	4/11/2009 4:24:56 PM
Surr: Dibromofluoromethane	93.2	68.5-119		%REC	1	4/11/2009 4:24:56 PM
Surr: Toluene-d8	83.8	64-131		%REC	1	4/11/2009 4:24:56 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	150	20		mg/L CaCO3	1	4/10/2009
Carbonate	ND	2.0		mg/L CaCO3	1	4/10/2009
Bicarbonate	150	20		mg/L CaCO3	1	4/10/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	560	0.010		µmhos/cm	1	4/10/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JAT
Total Dissolved Solids	400	40		mg/L	1	4/13/2009

Qualifiers:

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- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-04

Client Sample ID: MW2-040809
Collection Date: 4/8/2009 10:00:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.3	0.10		mg/L	1	4/9/2009 7:07:23 PM
Chloride	24	0.10		mg/L	1	4/9/2009 7:07:23 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/9/2009 7:07:23 PM
Bromide	0.25	0.10		mg/L	1	4/9/2009 7:07:23 PM
Nitrogen, Nitrate (As N)	2.4	0.10		mg/L	1	4/9/2009 7:07:23 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/9/2009 7:07:23 PM
Sulfate	48	0.50		mg/L	1	4/9/2009 7:07:23 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	4/13/2009 5:18:53 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: SNV
Calcium	60	1.0		mg/L	1	4/16/2009 11:09:18 AM
Magnesium	9.7	1.0		mg/L	1	4/16/2009 11:09:18 AM
Potassium	2.1	1.0		mg/L	1	4/16/2009 11:09:18 AM
Sodium	30	1.0		mg/L	1	4/16/2009 11:09:18 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	4/15/2009 11:36:20 AM
Barium	0.056	0.020		mg/L	1	4/15/2009 11:36:20 AM
Cadmium	ND	0.0020		mg/L	1	4/15/2009 11:36:20 AM
Chromium	ND	0.0060		mg/L	1	4/15/2009 11:36:20 AM
Lead	ND	0.0050		mg/L	1	4/15/2009 11:36:20 AM
Selenium	ND	0.050		mg/L	1	4/15/2009 11:36:20 AM
Silver	ND	0.0050		mg/L	1	4/15/2009 11:36:20 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2009
Acenaphthylene	ND	10		µg/L	1	4/15/2009
Aniline	ND	10		µg/L	1	4/15/2009
Anthracene	ND	10		µg/L	1	4/15/2009
Azobenzene	ND	10		µg/L	1	4/15/2009
Benz(a)anthracene	ND	10		µg/L	1	4/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzoic acid	ND	20		µg/L	1	4/15/2009
Benzyl alcohol	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
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Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-04

Client Sample ID: MW2-040809
Collection Date: 4/8/2009 10:00:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2009
Carbazole	ND	10		µg/L	1	4/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2009
4-Chloroaniline	ND	10		µg/L	1	4/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2009
2-Chlorophenol	ND	10		µg/L	1	4/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Chrysene	ND	10		µg/L	1	4/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2009
Dibenzofuran	ND	10		µg/L	1	4/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2009
Diethyl phthalate	ND	10		µg/L	1	4/15/2009
Dimethyl phthalate	ND	10		µg/L	1	4/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	4/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
Fluoranthene	ND	10		µg/L	1	4/15/2009
Fluorene	ND	10		µg/L	1	4/15/2009
Hexachlorobenzene	ND	10		µg/L	1	4/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2009
Hexachloroethane	ND	10		µg/L	1	4/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2009
Isophorone	ND	10		µg/L	1	4/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2009
2-Methylphenol	ND	10		µg/L	1	4/15/2009
3+4-Methylphenol	ND	10		µg/L	1	4/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2009
Naphthalene	ND	10		µg/L	1	4/15/2009
2-Nitroaniline	ND	10		µg/L	1	4/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
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RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-04

Client Sample ID: MW2-040809
Collection Date: 4/8/2009 10:00:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2009
4-Nitroaniline	ND	10		µg/L	1	4/15/2009
Nitrobenzene	ND	10		µg/L	1	4/15/2009
2-Nitrophenol	ND	10		µg/L	1	4/15/2009
4-Nitrophenol	ND	10		µg/L	1	4/15/2009
Pentachlorophenol	ND	20		µg/L	1	4/15/2009
Phenanthrene	ND	10		µg/L	1	4/15/2009
Phenol	ND	10		µg/L	1	4/15/2009
Pyrene	ND	10		µg/L	1	4/15/2009
Pyridine	ND	10		µg/L	1	4/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2009
Surr: 2,4,6-Tribromophenol	71.4	16.6-150		%REC	1	4/15/2009
Surr: 2-Fluorobiphenyl	70.9	19.6-134		%REC	1	4/15/2009
Surr: 2-Fluorophenol	50.5	9.54-113		%REC	1	4/15/2009
Surr: 4-Terphenyl-d14	63.5	22.7-145		%REC	1	4/15/2009
Surr: Nitrobenzene-d5	67.2	14.6-134		%REC	1	4/15/2009
Surr: Phenol-d5	38.6	10.7-80.3		%REC	1	4/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 4:53:29 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 4:53:29 PM
Acetone	ND	10		µg/L	1	4/11/2009 4:53:29 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 4:53:29 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 4:53:29 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-04

Client Sample ID: MW2-040809
Collection Date: 4/8/2009 10:00:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,4-Dichlorobenzene	4.8	1.0		µg/L	1	4/11/2009 4:53:29 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 4:53:29 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 4:53:29 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 4:53:29 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 4:53:29 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-04

Client Sample ID: MW2-040809
Collection Date: 4/8/2009 10:00:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 4:53:29 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 4:53:29 PM
Surr: 1,2-Dichloroethane-d4	90.3	68.1-123		%REC	1	4/11/2009 4:53:29 PM
Surr: 4-Bromofluorobenzene	96.4	53.2-145		%REC	1	4/11/2009 4:53:29 PM
Surr: Dibromofluoromethane	83.3	68.5-119		%REC	1	4/11/2009 4:53:29 PM
Surr: Toluene-d8	91.5	64-131		%REC	1	4/11/2009 4:53:29 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	4/10/2009
Carbonate	ND	2.0		mg/L CaCO3	1	4/10/2009
Bicarbonate	160	20		mg/L CaCO3	1	4/10/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	490	0.010		µmhos/cm	1	4/10/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JAT
Total Dissolved Solids	360	40		mg/L	1	4/13/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
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ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-05

Client Sample ID: PND-040809
Collection Date: 4/8/2009 10:20:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	3.8	0.10		mg/L	1	4/9/2009 7:42:12 PM
Chloride	280	1.0		mg/L	10	4/9/2009 7:59:36 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	4/9/2009 7:59:36 PM
Bromide	2.3	0.10		mg/L	1	4/9/2009 7:42:12 PM
Nitrogen, Nitrate (As N)	0.47	0.10		mg/L	1	4/9/2009 7:42:12 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/9/2009 7:42:12 PM
Sulfate	250	5.0		mg/L	10	4/9/2009 7:59:36 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	4/13/2009 5:20:39 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: SNV
Calcium	47	1.0		mg/L	1	4/16/2009 11:13:32 AM
Magnesium	40	1.0		mg/L	1	4/16/2009 11:13:32 AM
Potassium	14	1.0		mg/L	1	4/16/2009 11:13:32 AM
Sodium	220	5.0		mg/L	5	4/16/2009 12:41:07 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	4/15/2009 11:39:34 AM
Barium	0.067	0.020		mg/L	1	4/15/2009 11:39:34 AM
Cadmium	ND	0.0020		mg/L	1	4/15/2009 11:39:34 AM
Chromium	ND	0.0060		mg/L	1	4/15/2009 11:39:34 AM
Lead	ND	0.0050		mg/L	1	4/15/2009 11:39:34 AM
Selenium	ND	0.050		mg/L	1	4/15/2009 11:39:34 AM
Silver	ND	0.0050		mg/L	1	4/15/2009 11:39:34 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	50		µg/L	1	4/15/2009
Acenaphthylene	ND	50		µg/L	1	4/15/2009
Aniline	ND	50		µg/L	1	4/15/2009
Anthracene	ND	50		µg/L	1	4/15/2009
Azobenzene	ND	50		µg/L	1	4/15/2009
Benz(a)anthracene	ND	50		µg/L	1	4/15/2009
Benzo(a)pyrene	ND	50		µg/L	1	4/15/2009
Benzo(b)fluoranthene	ND	50		µg/L	1	4/15/2009
Benzo(g,h,i)perylene	ND	50		µg/L	1	4/15/2009
Benzo(k)fluoranthene	ND	50		µg/L	1	4/15/2009
Benzoic acid	ND	100		µg/L	1	4/15/2009
Benzyl alcohol	ND	50		µg/L	1	4/15/2009
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	4/15/2009
Bis(2-chloroethyl)ether	ND	50		µg/L	1	4/15/2009
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	4/15/2009

Qualifiers:

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- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-05

Client Sample ID: PND-040809
Collection Date: 4/8/2009 10:20:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	4/15/2009
4-Bromophenyl phenyl ether	ND	50		µg/L	1	4/15/2009
Butyl benzyl phthalate	ND	50		µg/L	1	4/15/2009
Carbazole	ND	50		µg/L	1	4/15/2009
4-Chloro-3-methylphenol	ND	50		µg/L	1	4/15/2009
4-Chloroaniline	ND	50		µg/L	1	4/15/2009
2-Chloronaphthalene	ND	50		µg/L	1	4/15/2009
2-Chlorophenol	ND	50		µg/L	1	4/15/2009
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	4/15/2009
Chrysene	ND	50		µg/L	1	4/15/2009
Di-n-butyl phthalate	ND	50		µg/L	1	4/15/2009
Di-n-octyl phthalate	ND	50		µg/L	1	4/15/2009
Dibenz(a,h)anthracene	ND	50		µg/L	1	4/15/2009
Dibenzofuran	ND	50		µg/L	1	4/15/2009
1,2-Dichlorobenzene	ND	50		µg/L	1	4/15/2009
1,3-Dichlorobenzene	ND	50		µg/L	1	4/15/2009
1,4-Dichlorobenzene	ND	50		µg/L	1	4/15/2009
3,3'-Dichlorobenzidine	ND	50		µg/L	1	4/15/2009
Diethyl phthalate	ND	50		µg/L	1	4/15/2009
Dimethyl phthalate	ND	50		µg/L	1	4/15/2009
2,4-Dichlorophenol	ND	100		µg/L	1	4/15/2009
2,4-Dimethylphenol	ND	50		µg/L	1	4/15/2009
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	4/15/2009
2,4-Dinitrophenol	ND	100		µg/L	1	4/15/2009
2,4-Dinitrotoluene	ND	50		µg/L	1	4/15/2009
2,6-Dinitrotoluene	ND	50		µg/L	1	4/15/2009
Fluoranthene	ND	50		µg/L	1	4/15/2009
Fluorene	ND	50		µg/L	1	4/15/2009
Hexachlorobenzene	ND	50		µg/L	1	4/15/2009
Hexachlorobutadiene	ND	50		µg/L	1	4/15/2009
Hexachlorocyclopentadiene	ND	50		µg/L	1	4/15/2009
Hexachloroethane	ND	50		µg/L	1	4/15/2009
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	4/15/2009
Isophorone	ND	50		µg/L	1	4/15/2009
2-Methylnaphthalene	ND	50		µg/L	1	4/15/2009
2-Methylphenol	ND	50		µg/L	1	4/15/2009
3+4-Methylphenol	ND	50		µg/L	1	4/15/2009
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	4/15/2009
N-Nitrosodimethylamine	ND	50		µg/L	1	4/15/2009
N-Nitrosodiphenylamine	ND	50		µg/L	1	4/15/2009
Naphthalene	ND	50		µg/L	1	4/15/2009
2-Nitroaniline	ND	50		µg/L	1	4/15/2009

Qualifiers:

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- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-05

Client Sample ID: PND-040809
Collection Date: 4/8/2009 10:20:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	50		µg/L	1	4/15/2009
4-Nitroaniline	ND	50		µg/L	1	4/15/2009
Nitrobenzene	ND	50		µg/L	1	4/15/2009
2-Nitrophenol	ND	50		µg/L	1	4/15/2009
4-Nitrophenol	ND	50		µg/L	1	4/15/2009
Pentachlorophenol	ND	100		µg/L	1	4/15/2009
Phenanthrene	ND	50		µg/L	1	4/15/2009
Phenol	ND	50		µg/L	1	4/15/2009
Pyrene	ND	50		µg/L	1	4/15/2009
Pyridine	ND	50		µg/L	1	4/15/2009
1,2,4-Trichlorobenzene	ND	50		µg/L	1	4/15/2009
2,4,5-Trichlorophenol	ND	50		µg/L	1	4/15/2009
2,4,6-Trichlorophenol	ND	50		µg/L	1	4/15/2009
Surr: 2,4,6-Tribromophenol	76.1	16.6-150		%REC	1	4/15/2009
Surr: 2-Fluorobiphenyl	72.2	19.6-134		%REC	1	4/15/2009
Surr: 2-Fluorophenol	57.1	9.54-113		%REC	1	4/15/2009
Surr: 4-Terphenyl-d14	75.6	22.7-145		%REC	1	4/15/2009
Surr: Nitrobenzene-d5	71.0	14.6-134		%REC	1	4/15/2009
Surr: Phenol-d5	45.4	10.7-80.3		%REC	1	4/15/2009
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 5:22:01 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 5:22:01 PM
Acetone	ND	10		µg/L	1	4/11/2009 5:22:01 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 5:22:01 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 5:22:01 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-05

Client Sample ID: PND-040809
Collection Date: 4/8/2009 10:20:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 5:22:01 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 5:22:01 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 5:22:01 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 5:22:01 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-05

Client Sample ID: PND-040809
Collection Date: 4/8/2009 10:20:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 5:22:01 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 5:22:01 PM
Surr: 1,2-Dichloroethane-d4	89.3	68.1-123		%REC	1	4/11/2009 5:22:01 PM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	4/11/2009 5:22:01 PM
Surr: Dibromofluoromethane	95.6	68.5-119		%REC	1	4/11/2009 5:22:01 PM
Surr: Toluene-d8	87.4	64-131		%REC	1	4/11/2009 5:22:01 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	4/10/2009
Carbonate	34	2.0		mg/L CaCO3	1	4/10/2009
Bicarbonate	140	20		mg/L CaCO3	1	4/10/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	1600	0.010		µmhos/cm	1	4/10/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JAT
Total Dissolved Solids	1200	200		mg/L	1	4/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-06

Client Sample ID: MW1-040809
Collection Date: 4/8/2009 11:10:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.5	0.10		mg/L	1	4/9/2009 8:17:01 PM
Chloride	21	0.10		mg/L	1	4/9/2009 8:17:01 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/9/2009 8:17:01 PM
Bromide	0.18	0.10		mg/L	1	4/9/2009 8:17:01 PM
Nitrogen, Nitrate (As N)	4.2	0.10		mg/L	1	4/9/2009 8:17:01 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/9/2009 8:17:01 PM
Sulfate	48	0.50		mg/L	1	4/9/2009 8:17:01 PM
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	0.00025	0.00020		mg/L	1	4/13/2009 5:26:08 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: SNV
Calcium	58	1.0		mg/L	1	4/16/2009 11:17:13 AM
Magnesium	9.9	1.0		mg/L	1	4/16/2009 11:17:13 AM
Potassium	2.0	1.0		mg/L	1	4/16/2009 11:17:13 AM
Sodium	30	1.0		mg/L	1	4/16/2009 11:17:13 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	4/15/2009 11:42:47 AM
Barium	0.066	0.020		mg/L	1	4/15/2009 11:42:47 AM
Cadmium	ND	0.0020		mg/L	1	4/15/2009 11:42:47 AM
Chromium	ND	0.0060		mg/L	1	4/15/2009 11:42:47 AM
Lead	ND	0.0050		mg/L	1	4/15/2009 11:42:47 AM
Selenium	ND	0.050		mg/L	1	4/15/2009 11:42:47 AM
Silver	ND	0.0050		mg/L	1	4/15/2009 11:42:47 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2009
Acenaphthylene	ND	10		µg/L	1	4/15/2009
Aniline	ND	10		µg/L	1	4/15/2009
Anthracene	ND	10		µg/L	1	4/15/2009
Azobenzene	ND	10		µg/L	1	4/15/2009
Benz(a)anthracene	ND	10		µg/L	1	4/15/2009
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2009
Benzoic acid	ND	20		µg/L	1	4/15/2009
Benzyl alcohol	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
 Lab Order: 0904130
 Project: Hobbs Generating Station
 Lab ID: 0904130-06

Client Sample ID: MW1-040809
 Collection Date: 4/8/2009 11:10:00 AM
 Date Received: 4/9/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2009
Carbazole	ND	10		µg/L	1	4/15/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2009
4-Chloroaniline	ND	10		µg/L	1	4/15/2009
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2009
2-Chlorophenol	ND	10		µg/L	1	4/15/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2009
Chrysene	ND	10		µg/L	1	4/15/2009
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2009
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2009
Dibenzofuran	ND	10		µg/L	1	4/15/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2009
Diethyl phthalate	ND	10		µg/L	1	4/15/2009
Dimethyl phthalate	ND	10		µg/L	1	4/15/2009
2,4-Dichlorophenol	ND	20		µg/L	1	4/15/2009
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2009
Fluoranthene	ND	10		µg/L	1	4/15/2009
Fluorene	ND	10		µg/L	1	4/15/2009
Hexachlorobenzene	ND	10		µg/L	1	4/15/2009
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2009
Hexachloroethane	ND	10		µg/L	1	4/15/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2009
Isophorone	ND	10		µg/L	1	4/15/2009
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2009
2-Methylphenol	ND	10		µg/L	1	4/15/2009
3+4-Methylphenol	ND	10		µg/L	1	4/15/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2009
Naphthalene	ND	10		µg/L	1	4/15/2009
2-Nitroaniline	ND	10		µg/L	1	4/15/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-06

Client Sample ID: MW1-040809
Collection Date: 4/8/2009 11:10:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2009
4-Nitroaniline	ND	10		µg/L	1	4/15/2009
Nitrobenzene	ND	10		µg/L	1	4/15/2009
2-Nitrophenol	ND	10		µg/L	1	4/15/2009
4-Nitrophenol	ND	10		µg/L	1	4/15/2009
Pentachlorophenol	ND	20		µg/L	1	4/15/2009
Phenanthrene	ND	10		µg/L	1	4/15/2009
Phenol	ND	10		µg/L	1	4/15/2009
Pyrene	ND	10		µg/L	1	4/15/2009
Pyridine	ND	10		µg/L	1	4/15/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2009
Surr: 2,4,6-Tribromophenol	67.1	16.6-150		%REC	1	4/15/2009
Surr: 2-Fluorobiphenyl	58.2	19.6-134		%REC	1	4/15/2009
Surr: 2-Fluorophenol	40.7	9.54-113		%REC	1	4/15/2009
Surr: 4-Terphenyl-d14	60.6	22.7-145		%REC	1	4/15/2009
Surr: Nitrobenzene-d5	54.3	14.6-134		%REC	1	4/15/2009
Surr: Phenol-d5	31.6	10.7-80.3		%REC	1	4/15/2009

EPA METHOD 8260B: VOLATILES

						Analyst: HL
Benzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Toluene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Ethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Naphthalene	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 5:50:34 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/11/2009 5:50:34 PM
Acetone	ND	10		µg/L	1	4/11/2009 5:50:34 PM
Bromobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Bromoform	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Bromomethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
2-Butanone	ND	10		µg/L	1	4/11/2009 5:50:34 PM
Carbon disulfide	ND	10		µg/L	1	4/11/2009 5:50:34 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Chlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Chloroethane	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management
Lab Order: 0904130
Project: Hobbs Generating Station
Lab ID: 0904130-06

Client Sample ID: MW1-040809
Collection Date: 4/8/2009 11:10:00 AM
Date Received: 4/9/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Chloromethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Dibromomethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,4-Dichlorobenzene	4.1	1.0		µg/L	1	4/11/2009 5:50:34 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
2-Hexanone	ND	10		µg/L	1	4/11/2009 5:50:34 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/2009 5:50:34 PM
Methylene Chloride	ND	3.0		µg/L	1	4/11/2009 5:50:34 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Styrene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/2009 5:50:34 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-09

CLIENT: Colorado Energy Management

Client Sample ID: MW1-040809

Lab Order: 0904130

Collection Date: 4/8/2009 11:10:00 AM

Project: Hobbs Generating Station

Date Received: 4/9/2009

Lab ID: 0904130-06

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	4/11/2009 5:50:34 PM
Xylenes, Total	ND	1.5		µg/L	1	4/11/2009 5:50:34 PM
Surr: 1,2-Dichloroethane-d4	94.8	68.1-123		%REC	1	4/11/2009 5:50:34 PM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	1	4/11/2009 5:50:34 PM
Surr: Dibromofluoromethane	98.5	68.5-119		%REC	1	4/11/2009 5:50:34 PM
Surr: Toluene-d8	99.3	64-131		%REC	1	4/11/2009 5:50:34 PM
SM 2320B: ALKALINITY						Analyst: NSB
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	4/10/2009
Carbonate	ND	2.0		mg/L CaCO3	1	4/10/2009
Bicarbonate	160	20		mg/L CaCO3	1	4/10/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	500	0.010		µmhos/cm	1	4/10/2009
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: JAT
Total Dissolved Solids	340	40		mg/L	1	4/13/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB MBLK Batch ID: R33174 Analysis Date: 4/9/2009 2:28:49 PM

Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						

Sample ID: LCS LCS Batch ID: R33174 Analysis Date: 4/9/2009 2:46:13 PM

Fluoride	0.5013	mg/L	0.10	100	90	110			
Chloride	5.017	mg/L	0.10	100	90	110			
Nitrogen, Nitrite (As N)	0.9548	mg/L	0.10	95.5	90	110			
Bromide	2.596	mg/L	0.10	104	90	110			
Nitrogen, Nitrate (As N)	2.544	mg/L	0.10	102	90	110			
Phosphorus, Orthophosphate (As P)	5.102	mg/L	0.50	102	90	110			
Sulfate	10.17	mg/L	0.50	102	90	110			

Method: SM 2320B: Alkalinity

Sample ID: MB MBLK Batch ID: R33193 Analysis Date: 4/10/2009

Alkalinity, Total (As CaCO ₃)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						

Sample ID: 80PPM LCS LCS Batch ID: R33193 Analysis Date: 4/10/2009

Alkalinity, Total (As CaCO ₃)	80.84	mg/L CaC	20	101	80	120			
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Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-18799		MBLK			Batch ID: 18799		Analysis Date:		4/15/2009
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-18799 MBLK Batch ID: 18799 Analysis Date: 4/15/2009

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	10
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Ethynaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	10
3+4-Methylphenol	ND	µg/L	10
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	20
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	10
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-18799 LCS Batch ID: 18799 Analysis Date: 4/15/2009

Acenaphthene	37.52	µg/L	10	37.5	11	123
4-Chloro-3-methylphenol	77.26	µg/L	10	38.6	15.4	119
2-Chlorophenol	72.60	µg/L	10	36.3	12.2	122
1,4-Dichlorobenzene	31.86	µg/L	10	31.9	16.9	100
2,4-Dinitrotoluene	41.38	µg/L	10	41.4	13	138
N-Nitrosodi-n-propylamine	32.88	µg/L	10	32.9	9.93	122
4-Nitrophenol	39.10	µg/L	10	19.6	12.5	87.4
Pentachlorophenol	57.42	µg/L	20	28.7	3.55	114
Phenol	43.26	µg/L	10	21.6	7.53	73.1
Pyrene	34.56	µg/L	10	34.6	12.6	140
1,2,4-Trichlorobenzene	36.18	µg/L	10	36.2	17.4	98.7

Sample ID: lcsd-18799 LCSD Batch ID: 18799 Analysis Date: 4/15/2009

Acenaphthene	37.04	µg/L	10	37.0	11	123	1.29	30.5
4-Chloro-3-methylphenol	79.44	µg/L	10	39.7	15.4	119	2.78	28.6
2-Chlorophenol	77.88	µg/L	10	38.9	12.2	122	7.02	107
1,4-Dichlorobenzene	35.20	µg/L	10	35.2	16.9	100	9.96	62.1
2,4-Dinitrotoluene	41.42	µg/L	10	41.4	13	138	0.0966	14.7

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
-	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-18799		LCSD			Batch ID: 18799		Analysis Date: 4/15/2009		
N-Nitrosodi-n-propylamine	39.56	µg/L	10	39.6	9.93	122	18.4	30.3	
4-Nitrophenol	39.28	µg/L	10	19.6	12.5	87.4	0.459	36.3	
Pentachlorophenol	46.68	µg/L	20	23.3	3.55	114	20.6	49	
Phenol	49.18	µg/L	10	24.6	7.53	73.1	12.8	52.4	
Pyrene	36.22	µg/L	10	36.2	12.6	140	4.69	16.3	
1,2,4-Trichlorobenzene	37.16	µg/L	10	37.2	17.4	98.7	2.67	36.4	

Method: EPA Method 7470: Mercury

Sample ID: MB-18808		MBLK			Batch ID: 18808		Analysis Date: 4/13/2009 4:42:53 PM		
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-18808		LCS			Batch ID: 18808		Analysis Date: 4/13/2009 4:44:36 PM		
Mercury	0.005183	mg/L	0.00020	104	80	120			

Method: EPA Method 6010B: Dissolved Metals

Sample ID: MB		MBLK			Batch ID: R33274		Analysis Date: 4/16/2009 10:54:04 AM		
Calcium	ND	mg/L	1.0						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	1.0						
Sample ID: LCS		LCS			Batch ID: R33274		Analysis Date: 4/16/2009 10:57:15 AM		
Calcium	49.77	mg/L	1.0	98.5	80	120			
Magnesium	49.22	mg/L	1.0	97.5	80	120			
Potassium	52.40	mg/L	1.0	95.2	80	120			
Sodium	53.01	mg/L	1.0	105	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0904130

analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-18815		MBLK			Batch ID: 18815		Analysis Date: 4/15/2009 10:37:29 AM		
Arsenic	ND	mg/L	0.020						
Mercury	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sample ID: MB-18815		MBLK			Batch ID: 18815		Analysis Date: 4/15/2009 1:45:32 PM		
Arsenic	ND	mg/L	0.020						
Silver	ND	mg/L	0.0050						
Sample ID: LCS-18815		LCS			Batch ID: 18815		Analysis Date: 4/15/2009 10:40:42 AM		
Arsenic	0.4721	mg/L	0.020	94.4	80	120			
Mercury	0.4553	mg/L	0.010	91.1	80	120			
Cadmium	0.4697	mg/L	0.0020	93.9	80	120			
Chromium	0.4745	mg/L	0.0060	94.9	80	120			
Lead	0.4604	mg/L	0.0050	92.1	80	120			
Selenium	0.4600	mg/L	0.050	92.0	80	120			
Silver	0.4679	mg/L	0.0050	93.2	80	120			
Sample ID: LCS-18815		LCS			Batch ID: 18815		Analysis Date: 4/15/2009 1:47:38 PM		
Arsenic	0.4757	mg/L	0.020	95.1	80	120			
Silver	0.4929	mg/L	0.0050	98.2	80	120			
Method: SM2540C MOD: Total Dissolved Solids									
Sample ID: MB-18801		MBLK			Batch ID: 18801		Analysis Date: 4/13/2009		
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-18801		LCS			Batch ID: 18801		Analysis Date: 4/13/2009		
Total Dissolved Solids	1013	mg/L	20	100	80	120			

Qualifiers:

E Estimated value
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R33182 Analysis Date: 4/10/2009 8:50:10 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 6ml rb

MBLK

Batch ID: R33182 Analysis Date: 4/10/2009 8:50:10 AM

4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
m-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
1,1,2-Trichloroethane (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,1,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b6

MBLK

Batch ID: R33182 Analysis Date: 4/10/2009 9:48:25 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,1-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Pentanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b6 MBLK Batch ID: R33182 Analysis Date: 4/10/2009 9:48:25 PM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b8 MBLK

Batch ID: R33182 Analysis Date: 4/11/2009 9:44:58 AM

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b8

MBLK

Batch ID: R33182 Analysis Date: 4/11/2009 9:44:58 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,1-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Ethylbenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Ethylmethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
1,1,2-DCE	ND	µg/L	1.0
1,1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Bromochloromethane	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,2-Dichloroethane	ND	µg/L	1.0
1,1-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,2-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0904130

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b8 MBLK Batch ID: R33182 Analysis Date: 4/11/2009 9:44:58 AM

4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng lcs LCS Batch ID: R33182 Analysis Date: 4/10/2009 9:47:21 AM

Benzene	18.86	µg/L	1.0	94.3	88	116
Toluene	18.77	µg/L	1.0	93.9	82.9	112
Chlorobenzene	22.25	µg/L	1.0	111	71.4	133
1,1-Dichloroethene	22.23	µg/L	1.0	111	97.9	140
Trichloroethene (TCE)	20.15	µg/L	1.0	101	90.5	112

Sample ID: 100ng lcs_b LCS Batch ID: R33182 Analysis Date: 4/10/2009 8:22:22 PM

Benzene	18.51	µg/L	1.0	92.5	88	116
Toluene	17.47	µg/L	1.0	87.4	82.9	112
Chlorobenzene	21.40	µg/L	1.0	107	71.4	133
1,1-Dichloroethene	20.00	µg/L	1.0	100	97.9	140
Trichloroethene (TCE)	19.41	µg/L	1.0	97.0	90.5	112

Sample ID: 100ng lcs_c LCS Batch ID: R33182 Analysis Date: 4/11/2009 8:19:21 AM

Benzene	19.64	µg/L	1.0	98.2	88	116
Toluene	19.89	µg/L	1.0	99.5	82.9	112
Chlorobenzene	21.61	µg/L	1.0	108	71.4	133
1,1-Dichloroethene	20.29	µg/L	1.0	101	97.9	140
Trichloroethene (TCE)	18.16	µg/L	1.0	90.8	90.5	112

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

4/9/2009

Work Order Number 0904130

Received by: ARS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

*Matrix:

Carrier name: Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐ Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐

Container/Temp Blank temperature?

4°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

January 28, 2009

COVER LETTER

Wednesday, January 28, 2009

Adam Rogge
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0901127

Dear Adam Rogge:

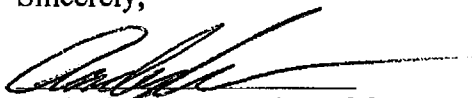
Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 1/12/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager

Nancy McDuffie, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 1/12/2009
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 12:19:20 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 12:19:20 AM
Acetone	ND	10		µg/L	1	1/14/2009 12:19:20 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 12:19:20 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 12:19:20 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 12:19:20 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
 Lab Order: 0901127
 Project: Hobbs Generating Station
 Lab ID: 0901127-01

Client Sample ID: Trip Blank
 Collection Date:
 Date Received: 1/12/2009
 Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 12:19:20 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 12:19:20 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 12:19:20 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 12:19:20 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 12:19:20 AM
Surr: 1,2-Dichloroethane-d4	103	68.1-123		%REC	1	1/14/2009 12:19:20 AM
Surr: 4-Bromofluorobenzene	108	53.2-145		%REC	1	1/14/2009 12:19:20 AM
Surr: Dibromofluoromethane	107	68.5-119		%REC	1	1/14/2009 12:19:20 AM
Surr: Toluene-d8	97.6	64-131		%REC	1	1/14/2009 12:19:20 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-02

Client Sample ID: MW3-010909
Collection Date: 1/9/2009 9:00:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.7	0.10		mg/L	1	1/14/2009 5:42:31 PM
Chloride	39	0.10		mg/L	1	1/13/2009 10:52:22 AM
Bromide	0.74	0.10		mg/L	1	1/13/2009 10:52:22 AM
Nitrate (As N)+Nitrite (As N)	2.9	1.0		mg/L	5	1/14/2009 11:38:25 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	1/13/2009 10:52:22 AM
Sulfate	67	0.50		mg/L	1	1/13/2009 10:52:22 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/14/2009
Acenaphthylene	ND	10		µg/L	1	1/14/2009
Aniline	ND	10		µg/L	1	1/14/2009
Anthracene	ND	10		µg/L	1	1/14/2009
Azobenzene	ND	10		µg/L	1	1/14/2009
Benz(a)anthracene	ND	10		µg/L	1	1/14/2009
Benzo(a)pyrene	ND	10		µg/L	1	1/14/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/14/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzoic acid	ND	20		µg/L	1	1/14/2009
Benzyl alcohol	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/14/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Butyl benzyl phthalate	ND	10		µg/L	1	1/14/2009
Carbazole	ND	10		µg/L	1	1/14/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/14/2009
4-Chloroaniline	ND	10		µg/L	1	1/14/2009
2-Chloronaphthalene	ND	10		µg/L	1	1/14/2009
2-Chlorophenol	ND	10		µg/L	1	1/14/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Chrysene	ND	10		µg/L	1	1/14/2009
Di-n-butyl phthalate	ND	10		µg/L	1	1/14/2009
Di-n-octyl phthalate	ND	10		µg/L	1	1/14/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/14/2009
Dibenzofuran	ND	10		µg/L	1	1/14/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/14/2009
Diethyl phthalate	ND	10		µg/L	1	1/14/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-02

Client Sample ID: MW3-010909
Collection Date: 1/9/2009 9:00:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	1/14/2009
2,4-Dichlorophenol	ND	20		µg/L	1	1/14/2009
2,4-Dimethylphenol	ND	10		µg/L	1	1/14/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrophenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
Fluoranthene	ND	10		µg/L	1	1/14/2009
Fluorene	ND	10		µg/L	1	1/14/2009
Hexachlorobenzene	ND	10		µg/L	1	1/14/2009
Hexachlorobutadiene	ND	10		µg/L	1	1/14/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/14/2009
Hexachloroethane	ND	10		µg/L	1	1/14/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/14/2009
Isophorone	ND	10		µg/L	1	1/14/2009
2-Methylnaphthalene	ND	10		µg/L	1	1/14/2009
2-Methylphenol	ND	10		µg/L	1	1/14/2009
3+4-Methylphenol	ND	10		µg/L	1	1/14/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/14/2009
Naphthalene	ND	10		µg/L	1	1/14/2009
2-Nitroaniline	ND	10		µg/L	1	1/14/2009
3-Nitroaniline	ND	10		µg/L	1	1/14/2009
4-Nitroaniline	ND	10		µg/L	1	1/14/2009
Nitrobenzene	ND	10		µg/L	1	1/14/2009
2-Nitrophenol	ND	10		µg/L	1	1/14/2009
4-Nitrophenol	ND	10		µg/L	1	1/14/2009
Pentachlorophenol	ND	20		µg/L	1	1/14/2009
Phenanthrene	ND	10		µg/L	1	1/14/2009
Phenol	ND	10		µg/L	1	1/14/2009
Pyrene	ND	10		µg/L	1	1/14/2009
Pyridine	ND	10		µg/L	1	1/14/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/14/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/14/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/14/2009
Surr: 2,4,6-Tribromophenol	56.4	16.6-150		%REC	1	1/14/2009
Surr: 2-Fluorobiphenyl	55.1	19.6-134		%REC	1	1/14/2009
Surr: 2-Fluorophenol	24.8	9.54-113		%REC	1	1/14/2009
Surr: 4-Terphenyl-d14	52.9	22.7-145		%REC	1	1/14/2009
Surr: Nitrobenzene-d5	38.8	14.6-134		%REC	1	1/14/2009
Surr: Phenol-d5	19.3	10.7-80.3		%REC	1	1/14/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-02

Client Sample ID: MW3-010909
Collection Date: 1/9/2009 9:00:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 12:48:17 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 12:48:17 AM
Acetone	ND	10		µg/L	1	1/14/2009 12:48:17 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 12:48:17 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 12:48:17 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-02

Client Sample ID: MW3-010909
Collection Date: 1/9/2009 9:00:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 12:48:17 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 12:48:17 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 12:48:17 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 12:48:17 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 12:48:17 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 12:48:17 AM
Surr: 1,2-Dichloroethane-d4	108	68.1-123		%REC	1	1/14/2009 12:48:17 AM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	1/14/2009 12:48:17 AM
Surr: Dibromofluoromethane	106	68.5-119		%REC	1	1/14/2009 12:48:17 AM
Surr: Toluene-d8	101	64-131		%REC	1	1/14/2009 12:48:17 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	1/14/2009
Carbonate	ND	2.0		mg/L CaCO3	1	1/14/2009
Bicarbonate	160	20		mg/L CaCO3	1	1/14/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	550	0.010		µmhos/cm	1	1/19/2009
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	340	40		mg/L	1	1/12/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-03

Client Sample ID: MW3-010909DUP
Collection Date: 1/9/2009 9:15:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.6	0.10		mg/L	1	1/14/2009 5:59:55 PM
Chloride	39	0.10		mg/L	1	1/13/2009 12:02:00 PM
Bromide	0.24	0.10		mg/L	1	1/13/2009 12:02:00 PM
Nitrate (As N)+Nitrite (As N)	2.8	1.0		mg/L	5	1/14/2009 11:55:49 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	1/13/2009 12:02:00 PM
Sulfate	67	0.50		mg/L	1	1/13/2009 12:02:00 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/14/2009
Acenaphthylene	ND	10		µg/L	1	1/14/2009
Aniline	ND	10		µg/L	1	1/14/2009
Anthracene	ND	10		µg/L	1	1/14/2009
Azobenzene	ND	10		µg/L	1	1/14/2009
Benz(a)anthracene	ND	10		µg/L	1	1/14/2009
Benzo(a)pyrene	ND	10		µg/L	1	1/14/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/14/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzoic acid	ND	20		µg/L	1	1/14/2009
Benzyl alcohol	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/14/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Butyl benzyl phthalate	ND	10		µg/L	1	1/14/2009
Carbazole	ND	10		µg/L	1	1/14/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/14/2009
4-Chloroaniline	ND	10		µg/L	1	1/14/2009
2-Chloronaphthalene	ND	10		µg/L	1	1/14/2009
2-Chlorophenol	ND	10		µg/L	1	1/14/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Chrysene	ND	10		µg/L	1	1/14/2009
Di-n-butyl phthalate	ND	10		µg/L	1	1/14/2009
Di-n-octyl phthalate	ND	10		µg/L	1	1/14/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/14/2009
Dibenzofuran	ND	10		µg/L	1	1/14/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/14/2009
Diethyl phthalate	ND	10		µg/L	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
 Lab Order: 0901127
 Project: Hobbs Generating Station
 Lab ID: 0901127-03

Client Sample ID: MW3-010909DUP
 Collection Date: 1/9/2009 9:15:00 AM
 Date Received: 1/12/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	1/14/2009
2,4-Dichlorophenol	ND	20		µg/L	1	1/14/2009
2,4-Dimethylphenol	ND	10		µg/L	1	1/14/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrophenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
Fluoranthene	ND	10		µg/L	1	1/14/2009
Fluorene	ND	10		µg/L	1	1/14/2009
Hexachlorobenzene	ND	10		µg/L	1	1/14/2009
Hexachlorobutadiene	ND	10		µg/L	1	1/14/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/14/2009
Hexachloroethane	ND	10		µg/L	1	1/14/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/14/2009
Isophorone	ND	10		µg/L	1	1/14/2009
2-Methylnaphthalene	ND	10		µg/L	1	1/14/2009
2-Methylphenol	ND	10		µg/L	1	1/14/2009
3+4-Methylphenol	ND	10		µg/L	1	1/14/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/14/2009
Naphthalene	ND	10		µg/L	1	1/14/2009
2-Nitroaniline	ND	10		µg/L	1	1/14/2009
3-Nitroaniline	ND	10		µg/L	1	1/14/2009
4-Nitroaniline	ND	10		µg/L	1	1/14/2009
Nitrobenzene	ND	10		µg/L	1	1/14/2009
2-Nitrophenol	ND	10		µg/L	1	1/14/2009
4-Nitrophenol	ND	10		µg/L	1	1/14/2009
Pentachlorophenol	ND	20		µg/L	1	1/14/2009
Phenanthrene	ND	10		µg/L	1	1/14/2009
Phenol	ND	10		µg/L	1	1/14/2009
Pyrene	ND	10		µg/L	1	1/14/2009
Pyridine	ND	10		µg/L	1	1/14/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/14/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/14/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/14/2009
Surr: 2,4,6-Tribromophenol	60.0	16.6-150		%REC	1	1/14/2009
Surr: 2-Fluorobiphenyl	48.6	19.6-134		%REC	1	1/14/2009
Surr: 2-Fluorophenol	28.5	9.54-113		%REC	1	1/14/2009
Surr: 4-Terphenyl-d14	52.5	22.7-145		%REC	1	1/14/2009
Surr: Nitrobenzene-d5	35.9	14.6-134		%REC	1	1/14/2009
Surr: Phenol-d5	20.7	10.7-80.3		%REC	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-03

Client Sample ID: MW3-010909DUP
Collection Date: 1/9/2009 9:15:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 1:17:21 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 1:17:21 AM
Acetone	ND	10		µg/L	1	1/14/2009 1:17:21 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 1:17:21 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 1:17:21 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-03

Client Sample ID: MW3-010909DUP
Collection Date: 1/9/2009 9:15:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 1:17:21 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 1:17:21 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 1:17:21 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 1:17:21 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 1:17:21 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 1:17:21 AM
Surr: 1,2-Dichloroethane-d4	108	68.1-123		%REC	1	1/14/2009 1:17:21 AM
Surr: 4-Bromofluorobenzene	111	53.2-145		%REC	1	1/14/2009 1:17:21 AM
Surr: Dibromofluoromethane	111	68.5-119		%REC	1	1/14/2009 1:17:21 AM
Surr: Toluene-d8	99.9	64-131		%REC	1	1/14/2009 1:17:21 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	1/14/2009
Carbonate	ND	2.0		mg/L CaCO3	1	1/14/2009
Bicarbonate	160	20		mg/L CaCO3	1	1/14/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	560	0.010		µmhos/cm	1	1/19/2009
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	350	40		mg/L	1	1/12/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-04

Client Sample ID: MW1-010909
Collection Date: 1/9/2009 11:05:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.7	0.10		mg/L	1	1/14/2009 6:17:19 PM
Chloride	22	0.10		mg/L	1	1/13/2009 1:29:03 PM
Bromide	0.18	0.10		mg/L	1	1/15/2009 12:29:53 PM
Nitrate (As N)+Nitrite (As N)	3.9	1.0		mg/L	5	1/15/2009 12:13:13 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	1/13/2009 1:29:03 PM
Sulfate	51	0.50		mg/L	1	1/13/2009 1:29:03 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/14/2009
Acenaphthylene	ND	10		µg/L	1	1/14/2009
Aniline	ND	10		µg/L	1	1/14/2009
Anthracene	ND	10		µg/L	1	1/14/2009
Azobenzene	ND	10		µg/L	1	1/14/2009
Benz(a)anthracene	ND	10		µg/L	1	1/14/2009
Benzo(a)pyrene	ND	10		µg/L	1	1/14/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/14/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzoic acid	ND	20		µg/L	1	1/14/2009
Benzyl alcohol	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/14/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Butyl benzyl phthalate	ND	10		µg/L	1	1/14/2009
Carbazole	ND	10		µg/L	1	1/14/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/14/2009
4-Chloroaniline	ND	10		µg/L	1	1/14/2009
2-Chloronaphthalene	ND	10		µg/L	1	1/14/2009
2-Chlorophenol	ND	10		µg/L	1	1/14/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Chrysene	ND	10		µg/L	1	1/14/2009
Di-n-butyl phthalate	ND	10		µg/L	1	1/14/2009
Di-n-octyl phthalate	ND	10		µg/L	1	1/14/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/14/2009
Dibenzofuran	ND	10		µg/L	1	1/14/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/14/2009
Diethyl phthalate	ND	10		µg/L	1	1/14/2009

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-04

Client Sample ID: MW1-010909
Collection Date: 1/9/2009 11:05:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	1/14/2009
2,4-Dichlorophenol	ND	20		µg/L	1	1/14/2009
2,4-Dimethylphenol	ND	10		µg/L	1	1/14/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrophenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
Fluoranthene	ND	10		µg/L	1	1/14/2009
Fluorene	ND	10		µg/L	1	1/14/2009
Hexachlorobenzene	ND	10		µg/L	1	1/14/2009
Hexachlorobutadiene	ND	10		µg/L	1	1/14/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/14/2009
Hexachloroethane	ND	10		µg/L	1	1/14/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/14/2009
Isophorone	ND	10		µg/L	1	1/14/2009
2-Methylnaphthalene	ND	10		µg/L	1	1/14/2009
2-Methylphenol	ND	10		µg/L	1	1/14/2009
3+4-Methylphenol	ND	10		µg/L	1	1/14/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/14/2009
Naphthalene	ND	10		µg/L	1	1/14/2009
2-Nitroaniline	ND	10		µg/L	1	1/14/2009
3-Nitroaniline	ND	10		µg/L	1	1/14/2009
4-Nitroaniline	ND	10		µg/L	1	1/14/2009
Nitrobenzene	ND	10		µg/L	1	1/14/2009
2-Nitrophenol	ND	10		µg/L	1	1/14/2009
4-Nitrophenol	ND	10		µg/L	1	1/14/2009
Pentachlorophenol	ND	20		µg/L	1	1/14/2009
Phenanthrene	ND	10		µg/L	1	1/14/2009
Phenol	ND	10		µg/L	1	1/14/2009
Pyrene	ND	10		µg/L	1	1/14/2009
Pyridine	ND	10		µg/L	1	1/14/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/14/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/14/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/14/2009
Surr: 2,4,6-Tribromophenol	94.6	16.6-150		%REC	1	1/14/2009
Surr: 2-Fluorobiphenyl	97.8	19.6-134		%REC	1	1/14/2009
Surr: 2-Fluorophenol	52.8	9.54-113		%REC	1	1/14/2009
Surr: 4-Terphenyl-d14	70.0	22.7-145		%REC	1	1/14/2009
Surr: Nitrobenzene-d5	73.9	14.6-134		%REC	1	1/14/2009
Surr: Phenol-d5	47.5	10.7-80.3		%REC	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-04

Client Sample ID: MW1-010909
Collection Date: 1/9/2009 11:05:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 1:46:32 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 1:46:32 AM
Acetone	ND	10		µg/L	1	1/14/2009 1:46:32 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 1:46:32 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 1:46:32 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-04

Client Sample ID: MW1-010909
Collection Date: 1/9/2009 11:05:00 AM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 1:46:32 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 1:46:32 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 1:46:32 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 1:46:32 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 1:46:32 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 1:46:32 AM
Surr: 1,2-Dichloroethane-d4	105	68.1-123		%REC	1	1/14/2009 1:46:32 AM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	1/14/2009 1:46:32 AM
Surr: Dibromofluoromethane	106	68.5-119		%REC	1	1/14/2009 1:46:32 AM
Surr: Toluene-d8	99.7	64-131		%REC	1	1/14/2009 1:46:32 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	1/14/2009
Carbonate	ND	2.0		mg/L CaCO3	1	1/14/2009
Bicarbonate	160	20		mg/L CaCO3	1	1/14/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	500	0.010		µmhos/cm	1	1/19/2009
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	300	40		mg/L	1	1/12/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-05

Client Sample ID: MW2-010909
Collection Date: 1/9/2009 12:14:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	1.3	0.10		mg/L	1	1/15/2009 12:30:38 AM
Chloride	25	0.10		mg/L	1	1/13/2009 10:17:33 AM
Bromide	0.22	0.10		mg/L	1	1/13/2009 10:17:33 AM
Nitrate (As N)+Nitrite (As N)	2.6	1.0		mg/L	5	1/14/2009 5:15:27 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	1/13/2009 10:17:33 AM
Sulfate	50	0.50		mg/L	1	1/13/2009 10:17:33 AM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/14/2009
Acenaphthylene	ND	10		µg/L	1	1/14/2009
Aniline	ND	10		µg/L	1	1/14/2009
Anthracene	ND	10		µg/L	1	1/14/2009
Azobenzene	ND	10		µg/L	1	1/14/2009
Benz(a)anthracene	ND	10		µg/L	1	1/14/2009
Benzo(a)pyrene	ND	10		µg/L	1	1/14/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/14/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzoic acid	ND	20		µg/L	1	1/14/2009
Benzyl alcohol	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/14/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Butyl benzyl phthalate	ND	10		µg/L	1	1/14/2009
Carbazole	ND	10		µg/L	1	1/14/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/14/2009
4-Chloroaniline	ND	10		µg/L	1	1/14/2009
2-Chloronaphthalene	ND	10		µg/L	1	1/14/2009
2-Chlorophenol	ND	10		µg/L	1	1/14/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Chrysene	ND	10		µg/L	1	1/14/2009
Di-n-butyl phthalate	ND	10		µg/L	1	1/14/2009
Di-n-octyl phthalate	ND	10		µg/L	1	1/14/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/14/2009
Dibenzofuran	ND	10		µg/L	1	1/14/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/14/2009
Diethyl phthalate	ND	10		µg/L	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-05

Client Sample ID: MW2-010909
Collection Date: 1/9/2009 12:14:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	1/14/2009
2,4-Dichlorophenol	ND	20		µg/L	1	1/14/2009
2,4-Dimethylphenol	ND	10		µg/L	1	1/14/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrophenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
Fluoranthene	ND	10		µg/L	1	1/14/2009
Fluorene	ND	10		µg/L	1	1/14/2009
Hexachlorobenzene	ND	10		µg/L	1	1/14/2009
Hexachlorobutadiene	ND	10		µg/L	1	1/14/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/14/2009
Hexachloroethane	ND	10		µg/L	1	1/14/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/14/2009
Isophorone	ND	10		µg/L	1	1/14/2009
2-Methylnaphthalene	ND	10		µg/L	1	1/14/2009
2-Methylphenol	ND	10		µg/L	1	1/14/2009
3+4-Methylphenol	ND	10		µg/L	1	1/14/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/14/2009
Naphthalene	ND	10		µg/L	1	1/14/2009
2-Nitroaniline	ND	10		µg/L	1	1/14/2009
3-Nitroaniline	ND	10		µg/L	1	1/14/2009
4-Nitroaniline	ND	10		µg/L	1	1/14/2009
Nitrobenzene	ND	10		µg/L	1	1/14/2009
2-Nitrophenol	ND	10		µg/L	1	1/14/2009
4-Nitrophenol	ND	10		µg/L	1	1/14/2009
Pentachlorophenol	ND	20		µg/L	1	1/14/2009
Phenanthrene	ND	10		µg/L	1	1/14/2009
Phenol	ND	10		µg/L	1	1/14/2009
Pyrene	ND	10		µg/L	1	1/14/2009
Pyridine	ND	10		µg/L	1	1/14/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/14/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/14/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/14/2009
Surr: 2,4,6-Tribromophenol	89.1	16.6-150		%REC	1	1/14/2009
Surr: 2-Fluorobiphenyl	70.9	19.6-134		%REC	1	1/14/2009
Surr: 2-Fluorophenol	37.2	9.54-113		%REC	1	1/14/2009
Surr: 4-Terphenyl-d14	56.1	22.7-145		%REC	1	1/14/2009
Surr: Nitrobenzene-d5	48.5	14.6-134		%REC	1	1/14/2009
Surr: Phenol-d5	32.9	10.7-80.3		%REC	1	1/14/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-05

Client Sample ID: MW2-010909
Collection Date: 1/9/2009 12:14:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 2:15:29 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 2:15:29 AM
Acetone	ND	10		µg/L	1	1/14/2009 2:15:29 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 2:15:29 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 2:15:29 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-05

Client Sample ID: MW2-010909
Collection Date: 1/9/2009 12:14:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 2:15:29 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 2:15:29 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 2:15:29 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 2:15:29 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 2:15:29 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 2:15:29 AM
Surr: 1,2-Dichloroethane-d4	106	68.1-123		%REC	1	1/14/2009 2:15:29 AM
Surr: 4-Bromofluorobenzene	111	53.2-145		%REC	1	1/14/2009 2:15:29 AM
Surr: Dibromofluoromethane	111	68.5-119		%REC	1	1/14/2009 2:15:29 AM
Surr: Toluene-d8	99.9	64-131		%REC	1	1/14/2009 2:15:29 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	1/14/2009
Carbonate	ND	2.0		mg/L CaCO3	1	1/14/2009
Bicarbonate	170	20		mg/L CaCO3	1	1/14/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	490	0.010		µmhos/cm	1	1/19/2009
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	350	40		mg/L	1	1/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-06

Client Sample ID: PND-010909
Collection Date: 1/9/2009 12:43:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	2.6	0.10		mg/L	1	1/15/2009 1:22:53 AM
Chloride	170	1.0		mg/L	10	1/13/2009 2:21:16 PM
Bromide	1.2	0.10		mg/L	1	1/15/2009 1:22:53 AM
Nitrate (As N)+Nitrite (As N)	1.8	1.0		mg/L	5	1/14/2009 5:32:52 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	1/13/2009 2:03:52 PM
Sulfate	200	5.0		mg/L	10	1/13/2009 2:21:16 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/14/2009
Acenaphthylene	ND	10		µg/L	1	1/14/2009
Aniline	ND	10		µg/L	1	1/14/2009
Anthracene	ND	10		µg/L	1	1/14/2009
Azobenzene	ND	10		µg/L	1	1/14/2009
Benz(a)anthracene	ND	10		µg/L	1	1/14/2009
Benzo(a)pyrene	ND	10		µg/L	1	1/14/2009
Benzo(b)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/14/2009
Benzo(k)fluoranthene	ND	10		µg/L	1	1/14/2009
Benzoic acid	ND	20		µg/L	1	1/14/2009
Benzyl alcohol	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/14/2009
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/14/2009
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/14/2009
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Butyl benzyl phthalate	ND	10		µg/L	1	1/14/2009
Carbazole	ND	10		µg/L	1	1/14/2009
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/14/2009
4-Chloroaniline	ND	10		µg/L	1	1/14/2009
2-Chloronaphthalene	ND	10		µg/L	1	1/14/2009
2-Chlorophenol	ND	10		µg/L	1	1/14/2009
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/14/2009
Chrysene	ND	10		µg/L	1	1/14/2009
Di-n-butyl phthalate	ND	10		µg/L	1	1/14/2009
Di-n-octyl phthalate	ND	10		µg/L	1	1/14/2009
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/14/2009
Dibenzofuran	ND	10		µg/L	1	1/14/2009
1,2-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,3-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
1,4-Dichlorobenzene	ND	10		µg/L	1	1/14/2009
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/14/2009
Diethyl phthalate	ND	10		µg/L	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-06

Client Sample ID: PND-010909
Collection Date: 1/9/2009 12:43:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	1/14/2009
2,4-Dichlorophenol	ND	20		µg/L	1	1/14/2009
2,4-Dimethylphenol	ND	10		µg/L	1	1/14/2009
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrophenol	ND	20		µg/L	1	1/14/2009
2,4-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
2,6-Dinitrotoluene	ND	10		µg/L	1	1/14/2009
Fluoranthene	ND	10		µg/L	1	1/14/2009
Fluorene	ND	10		µg/L	1	1/14/2009
Hexachlorobenzene	ND	10		µg/L	1	1/14/2009
Hexachlorobutadiene	ND	10		µg/L	1	1/14/2009
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/14/2009
Hexachloroethane	ND	10		µg/L	1	1/14/2009
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/14/2009
Isophorone	ND	10		µg/L	1	1/14/2009
2-Methylnaphthalene	ND	10		µg/L	1	1/14/2009
2-Methylphenol	ND	10		µg/L	1	1/14/2009
3+4-Methylphenol	ND	10		µg/L	1	1/14/2009
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodimethylamine	ND	10		µg/L	1	1/14/2009
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/14/2009
Naphthalene	ND	10		µg/L	1	1/14/2009
2-Nitroaniline	ND	10		µg/L	1	1/14/2009
3-Nitroaniline	ND	10		µg/L	1	1/14/2009
4-Nitroaniline	ND	10		µg/L	1	1/14/2009
Nitrobenzene	ND	10		µg/L	1	1/14/2009
2-Nitrophenol	ND	10		µg/L	1	1/14/2009
4-Nitrophenol	ND	10		µg/L	1	1/14/2009
Pentachlorophenol	ND	20		µg/L	1	1/14/2009
Phenanthrene	ND	10		µg/L	1	1/14/2009
Phenol	ND	10		µg/L	1	1/14/2009
Pyrene	ND	10		µg/L	1	1/14/2009
Pyridine	ND	10		µg/L	1	1/14/2009
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/14/2009
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/14/2009
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/14/2009
Surr: 2,4,6-Tribromophenol	83.6	16.6-150		%REC	1	1/14/2009
Surr: 2-Fluorobiphenyl	72.2	19.6-134		%REC	1	1/14/2009
Surr: 2-Fluorophenol	40.0	9.54-113		%REC	1	1/14/2009
Surr: 4-Terphenyl-d14	51.0	22.7-145		%REC	1	1/14/2009
Surr: Nitrobenzene-d5	50.6	14.6-134		%REC	1	1/14/2009
Surr: Phenol-d5	38.9	10.7-80.3		%REC	1	1/14/2009

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management**Client Sample ID:** PND-010909**Lab Order:** 0901127**Collection Date:** 1/9/2009 12:43:00 PM**Project:** Hobbs Generating Station**Date Received:** 1/12/2009**Lab ID:** 0901127-06**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Toluene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Ethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Naphthalene	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 2:44:35 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/14/2009 2:44:35 AM
Acetone	ND	10		µg/L	1	1/14/2009 2:44:35 AM
Bromobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Bromoform	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Bromomethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
2-Butanone	ND	10		µg/L	1	1/14/2009 2:44:35 AM
Carbon disulfide	ND	10		µg/L	1	1/14/2009 2:44:35 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Chlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Chloroethane	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
Chloroform	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Chloromethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Dibromomethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 28-Jan-09

CLIENT: Colorado Energy Management
Lab Order: 0901127
Project: Hobbs Generating Station
Lab ID: 0901127-06

Client Sample ID: PND-010909
Collection Date: 1/9/2009 12:43:00 PM
Date Received: 1/12/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
2-Hexanone	ND	10		µg/L	1	1/14/2009 2:44:35 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/14/2009 2:44:35 AM
Methylene Chloride	ND	3.0		µg/L	1	1/14/2009 2:44:35 AM
n-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Styrene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/14/2009 2:44:35 AM
Vinyl chloride	ND	1.0		µg/L	1	1/14/2009 2:44:35 AM
Xylenes, Total	ND	1.5		µg/L	1	1/14/2009 2:44:35 AM
Surr: 1,2-Dichloroethane-d4	106	68.1-123		%REC	1	1/14/2009 2:44:35 AM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	1/14/2009 2:44:35 AM
Surr: Dibromofluoromethane	105	68.5-119		%REC	1	1/14/2009 2:44:35 AM
Surr: Toluene-d8	97.8	64-131		%REC	1	1/14/2009 2:44:35 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	1/14/2009
Carbonate	18	2.0		mg/L CaCO3	1	1/14/2009
Bicarbonate	150	20		mg/L CaCO3	1	1/14/2009
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	1100	0.010		µmhos/cm	1	1/19/2009
SM 2540 C: TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	800	40		mg/L	1	1/13/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit



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Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW3-010909
Collected By :
Collection Date : 01/09/09 09:00

ESC Sample # : L383165-01

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	71.	0.50	mg/l	6010B	01/14/09	1
Magnesium, Dissolved	11.	0.10	mg/l	6010B	01/14/09	1
Potassium, Dissolved	2.0	0.50	mg/l	6010B	01/14/09	1
Sodium, Dissolved	33.	0.50	mg/l	6010B	01/14/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

January 18, 2009

Date Received : January 13, 2009
Description : 0901127

Sample ID : MW3-010909

Collected By :
Collection Date : 01/09/09 09:00

ESC Sample # : L383165-02

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	01/14/09	1
Arsenic	BDL	0.020	mg/l	6010B	01/13/09	1
Barium	0.064	0.0050	mg/l	6010B	01/13/09	1
Cadmium	BDL	0.0050	mg/l	6010B	01/13/09	1
Chromium	BDL	0.010	mg/l	6010B	01/13/09	1
Lead	BDL	0.0050	mg/l	6010B	01/13/09	1
Selenium	BDL	0.020	mg/l	6010B	01/13/09	1
Silver	BDL	0.010	mg/l	6010B	01/16/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW3-010909DUP
Collected By :
Collection Date : 01/09/09 09:15

ESC Sample # : L383165-03

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	70.	0.50	mg/l	6010B	01/14/09	1
Magnesium, Dissolved	11.	0.10	mg/l	6010B	01/14/09	1
Potassium, Dissolved	2.1	0.50	mg/l	6010B	01/14/09	1
Sodium, Dissolved	33.	0.50	mg/l	6010B	01/14/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW3-010909DUP
Collected By :
Collection Date : 01/09/09 09:15

ESC Sample # : L383165-04

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	01/14/09	1
Arsenic	BDL	0.020	mg/l	6010B	01/13/09	1
Barium	0.064	0.0050	mg/l	6010B	01/13/09	1
Cadmium	BDL	0.0050	mg/l	6010B	01/13/09	1
Chromium	BDL	0.010	mg/l	6010B	01/13/09	1
Lead	BDL	0.0050	mg/l	6010B	01/13/09	1
Selenium	BDL	0.020	mg/l	6010B	01/13/09	1
Silver	BDL	0.010	mg/l	6010B	01/16/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
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January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW1-010909
Collected By :
Collection Date : 01/09/09 11:05

ESC Sample # : L383165-05

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	60.	0.50	mg/l	6010B	01/14/09	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	01/14/09	1
Potassium, Dissolved	1.9	0.50	mg/l	6010B	01/14/09	1
Sodium, Dissolved	32.	0.50	mg/l	6010B	01/14/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW1-010909
Collected By :
Collection Date : 01/09/09 11:05

ESC Sample # : L383165-06

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	01/14/09	1
Arsenic	BDL	0.020	mg/l	6010B	01/13/09	1
Barium	0.074	0.0050	mg/l	6010B	01/13/09	1
Cadmium	BDL	0.0050	mg/l	6010B	01/13/09	1
Chromium	BDL	0.010	mg/l	6010B	01/13/09	1
Lead	BDL	0.0050	mg/l	6010B	01/13/09	1
Selenium	BDL	0.020	mg/l	6010B	01/13/09	1
Silver	BDL	0.010	mg/l	6010B	01/16/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 18, 2009

Anne Thorne
Hall Environmental Analysis Laborat
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Albuquerque, NM 87109

ESC Sample # : L383165-07

Date Received : January 13, 2009
Description : 0901127

Site ID :

Sample ID : MW2-010909

Project # : 0901127

Collected By :
Collection Date : 01/09/09 12:14

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	61.	0.50	mg/l	6010B	01/14/09	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	01/14/09	1
Potassium, Dissolved	2.0	0.50	mg/l	6010B	01/14/09	1
Sodium, Dissolved	32.	0.50	mg/l	6010B	01/14/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
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January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : MW2-010909
Collected By :
Collection Date : 01/09/09 12:14

ESC Sample # : L383165-08

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	01/14/09	1
Arsenic	BDL	0.020	mg/l	6010B	01/13/09	1
Barium	0.064	0.0050	mg/l	6010B	01/13/09	1
Cadmium	BDL	0.0050	mg/l	6010B	01/13/09	1
Chromium	BDL	0.010	mg/l	6010B	01/13/09	1
Lead	BDL	0.0050	mg/l	6010B	01/13/09	1
Selenium	BDL	0.020	mg/l	6010B	01/13/09	1
Silver	BDL	0.010	mg/l	6010B	01/16/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Anne Thorne
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January 18, 2009

Date Received : January 13, 2009
Description : 0901127
Sample ID : PND-010909
Collected By :
Collection Date : 01/09/09 12:43

ESC Sample # : L383165-09

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium,Dissolved	78.	0.50	mg/l	6010B	01/14/09	1
Magnesium,Dissolved	28.	0.10	mg/l	6010B	01/14/09	1
Potassium,Dissolved	8.4	0.50	mg/l	6010B	01/14/09	1
Sodium,Dissolved	130	0.50	mg/l	6010B	01/14/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

January 18, 2009

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

Date Received : January 13, 2009
Description : 0901127
Sample ID : PND-010909
Collected By :
Collection Date : 01/09/09 12:43

ESC Sample # : L383165-10

Site ID :

Project # : 0901127

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	01/14/09	1
Arsenic	BDL	0.020	mg/l	6010B	01/14/09	1
Barium	0.10	0.0050	mg/l	6010B	01/14/09	1
Cadmium	BDL	0.0050	mg/l	6010B	01/14/09	1
Chromium	BDL	0.010	mg/l	6010B	01/14/09	1
Lead	BDL	0.0050	mg/l	6010B	01/14/09	1
Selenium	BDL	0.020	mg/l	6010B	01/14/09	1
Silver	BDL	0.010	mg/l	6010B	01/16/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 01/18/09 07:38 Printed: 01/18/09 07:39

CATION/ANION BALANCE SHEET FOR WATER ANALYSES

HEAL LAB NUMBER	MW3 010909 0901127-2	MW3 010909 dup 0901127-3	MW1 010909 0901127-4	MW2 010909 0901127-5	PND 010909 0901127-6
CATIONS	mg/L	meq/L	mg/L	meq/L	mg/L
Sodium	33	1.44	33	1.39	130
Potassium	2	0.05	2	0.05	8
Calcium	71	3.54	70	3.49	78
Magnesium	11	0.91	11	0.91	28
Total Cations	5.93	5.89	5.26	5.31	12.07
ANIONS	mg/L	meq/L	mg/L	meq/L	mg/L
Sulfate	67	1.39	67	1.39	200
Chloride	39	1.10	39	1.10	170
Bicarbonate (CaCO ₃)	160	3.20	160	3.20	150
Carbonate (CaCO ₃)	ND	*	ND	*	18
Phosphate (P)	ND	*	ND	*	ND
Nitrite (N)	ND	*	ND	*	ND
Nitrate (N)	2.90	0.21	2.8	0.20	1.8
Fluoride	1.7	0.09	1.60	0.08	2.60
Bromide	1	0.01	0	0.00	1
Total Anions	6.00	5.98	5.25	5.40	12.60
Elect. Cond. (µMhos/cm)	550	560	500	490	1100
CATION/ANION RATIO	0.99	0.98	1.00	0.98	0.96
% Difference	1	1	0	1	2
TOTAL DISSOLVED SOLIDS RATIOS					
TDS (measured)	340	350	300	350	800
TDS (calculated)	334	332	292	295	727
Ratio meas TDS:calc TDS	1.0	1.1	1.0	1.2	1.1
Ratio Meas. TDS:EC	0.62	0.63	0.60	0.71	0.73
Ratio Calc. TDS:EC	0.61	0.59	0.58	0.60	0.66
Ratio of anion sum:EC	1.1	1.1	1.0	1.1	1.1
Ratio of cation sum:EC	1.1	1.1	1.1	1.1	1.1

* Analyte not detected (below method detection limit).

** Values below 0.55 can be obtained in waters containing appreciable concentrations of free acid or alkalinity, or not within pH 6 to 9. Values much higher than 0.7 are possible in highly saline waters.

GENERALLY ACCEPTED RANGES

Cation/Anion balance: 0-3 meq/L - 0.2 meq/L, 3-10 meq/L - 2%, >10 meq/L - 5%

Ratio measured TDS:calculated TDS -- 1.0-1.2. Ratio Calculated TDS:EC -- 0.55-0.7. Ratio Measured TDS:EC--0.55-0.7. Ratio of anion sum:EC -- 0.9-1.1.

Ratio of cation sum:EC -- 0.9-1.1



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Hall Environmental Analysis Laboratory
Anne Thorne
4901 Hawkins NE
Albuquerque, NM 87109

Quality Assurance Report
Level II
L383165

January 18, 2009

Analyte	Result	Laboratory Blank Units	% Rec	Limit	Batch	Date Analyzed
Mercury	< .0002	mg/l			WG402172	01/14/09 13:14
Arsenic	< .02	mg/l			WG402180	01/13/09 23:07
Barium	< .005	mg/l			WG402180	01/13/09 23:07
Cadmium	< .005	mg/l			WG402180	01/13/09 23:07
Chromium	< .01	mg/l			WG402180	01/13/09 23:07
Lead	< .005	mg/l			WG402180	01/13/09 23:07
Selenium	< .02	mg/l			WG402180	01/13/09 23:07
Calcium, Dissolved	< .5	mg/l			WG402188	01/14/09 07:43
Magnesium, Dissolved	< .1	mg/l			WG402188	01/14/09 07:43
Potassium, Dissolved	< .5	mg/l			WG402188	01/14/09 07:43
Sodium, Dissolved	< .5	mg/l			WG402188	01/14/09 07:43
Silver	< .01	mg/l			WG402574	01/16/09 11:34

Analyte	Units	Duplicate Result	Duplicate RPD	Limit	Ref Samp	Batch
Mercury	mg/l	0.00	0.00	0.00	20	L383165-02 WG402172
Arsenic	mg/l	0.00	0.00	0.00	20	L383172-01 WG402180
Barium	mg/l	0.0128	0.0133	3.83	20	L383172-01 WG402180
Cadmium	mg/l	0.00	0.00	0.00	20	L383172-01 WG402180
Chromium	mg/l	0.00	0.00200	NA*	20	L383172-01 WG402180
Lead	mg/l	0.00573	0.00400	35.6*	20	L383172-01 WG402180
Selenium	mg/l	0.00	0.00860	NA*	20	L383172-01 WG402180
Calcium, Dissolved	mg/l	0.00	0.476	NA*	20	L382755-01 WG402188
Magnesium, Dissolved	mg/l	0.268	0.268	0.00	20	L382755-01 WG402188
Potassium, Dissolved	mg/l	0.00	0.238	NA*	20	L382755-01 WG402188
Sodium, Dissolved	mg/l	2.02	2.06	1.96	20	L382755-01 WG402188
Silver	mg/l	0.00	0.00270	NA*	20	L383482-01 WG402574

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Mercury	mg/l	0.003	0.00296	98.7	85-115	WG402172
Arsenic	mg/l	1.13	1.12	99.1	85-115	WG402180
Barium	mg/l	1.13	1.17	104	85-115	WG402180
Cadmium	mg/l	1.13	1.17	104	85-115	WG402180
Chromium	mg/l	1.13	1.15	102	85-115	WG402180
Lead	mg/l	1.13	1.18	104	85-115	WG402180
Selenium	mg/l	1.13	1.09	96.5	85-115	WG402180
Calcium, Dissolved	mg/l	11.3	11.0	97.3	85-115	WG402188
Magnesium, Dissolved	mg/l	11.3	11.1	98.2	85-115	WG402188
Potassium, Dissolved	mg/l	11.3	11.1	98.2	85-115	WG402188

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



ENVIRONMENTAL SCIENCE CORP.

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Hall Environmental Analysis Laboratory
Anne Thorne
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Albuquerque, NM 87109

Quality Assurance Report Level II L383165

January 18, 2009

Analyte	Laboratory Control		Sample		% Rec	Limit	Batch
	Units	Known Val	Result				
Sodium, Dissolved	mg/l	11.3	11.8		104.	85-115	WG402188
Silver	mg/l	1.13	1.09		96.5	85-115	WG402574

Analyte	Units	Matrix Spike				% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV					
Mercury	mg/l	0.003	0.00	1.003	103.		70-130	L383165-02	WG402172
Arsenic	mg/l	1.11	0.00	1.13	98.2		75-125	L383172-01	WG402180
Barium	mg/l	1.17	0.013	1.13	102.		75-125	L383172-01	WG402180
Cadmium	mg/l	1.15	0.00	1.13	102.		75-125	L383172-01	WG402180
Chromium	mg/l	1.14	0.002	1.13	101.		75-125	L383172-01	WG402180
Lead	mg/l	1.16	0.004	1.13	102.		75-125	L383172-01	WG402180
Selenium	mg/l	1.07	0.008	1.13	93.9		75-125	L383172-01	WG402180
Calcium, Dissolved	mg/l	11.2	0.476	11.3	94.9		75-125	L382755-01	WG402188
Magnesium, Dissolved	mg/l	11.1	0.268	11.3	95.9		75-125	L382755-01	WG402188
Potassium, Dissolved	mg/l	11.3	0.238	11.3	97.9		75-125	L382755-01	WG402188
Sodium, Dissolved	mg/l	13.5	2.06	11.3	101.		75-125	L382755-01	WG402188
Silver	mg/l	0.115	0.002	1.13	9.94*		75-125	L383482-01	WG402574

Analyte	Units	Matrix Spike Duplicate				Limit	RPD	Limit	Ref Samp	Batch
		MSD	Ref	%Rec						
Mercury	mg/l	0.00	0.00	106.		70-130	2.55 20		L383165-02	WG402172
Arsenic	mg/l	1.08	1.11	95.6		75-125	2.74 20		L383172-01	WG402180
Barium	mg/l	1.14	1.17	99.7		75-125	2.60 20		L383172-01	WG402180
Cadmium	mg/l	1.13	1.15	100.		75-125	1.75 20		L383172-01	WG402180
Chromium	mg/l	1.10	1.14	97.2		75-125	3.57 20		L383172-01	WG402180
Lead	mg/l	1.13	1.16	99.6		75-125	2.62 20		L383172-01	WG402180
Selenium	mg/l	1.04	1.07	91.3		75-125	2.84 20		L383172-01	WG402180
Calcium, Dissolved	mg/l	11.4	11.2	96.7		75-125	1.77 20		L382755-01	WG402188
Magnesium, Dissolved	mg/l	11.3	11.1	97.6		75-125	1.79 20		L382755-01	WG402188
Potassium, Dissolved	mg/l	11.4	11.3	98.8		75-125	0.88 20		L382755-01	WG402188
Sodium, Dissolved	mg/l	13.6	13.5	102.		75-125	0.73 20		L382755-01	WG402188
Silver	mg/l	0.10	0.11	8.788		75-125	12.0 20		L383482-01	WG402574

Batch number /Run number / Sample number cross reference

WG402172: R594209: L383165-02 04 06 08 10
WG402180: R594445 R594446: L383165-02 04 06 08 10
WG402188: R594705: L383165-01 03 05 07 09
WG402574: R597048: L383165-02 04 06 08 10

* * Calculations are performed prior to rounding of reported values .

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: 0901127-02CMSD	MSD		Batch ID: R32002		Analysis Date: 1/13/2009 11:44:35 AM				
Fluoride	2.146	mg/L	0.10	83.7	65.1	121	0.808	20	
Bromide	3.333	mg/L	0.10	104	75.6	132	3.18	20	
Nitrate (As N)+Nitrite (As N)	6.869	mg/L	0.20	109	78.4	118	1.06	20	
Phosphorus, Orthophosphate (As P)	5.118	mg/L	0.50	102	77.6	118	2.18	20	
Sulfate	74.33	mg/L	0.50	69.5	59.4	126	0.342	20	
Sample ID: MB	MBLK		Batch ID: R32002		Analysis Date: 1/13/2009 9:42:44 AM				
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB	MBLK		Batch ID: R32018		Analysis Date: 1/14/2009 9:35:03 AM				
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB	MBLK		Batch ID: R32022		Analysis Date: 1/14/2009 4:40:38 PM				
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB	MBLK		Batch ID: R32042		Analysis Date: 1/15/2009 10:45:25 AM				
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS	LCS		Batch ID: R32002		Analysis Date: 1/13/2009 10:00:08 AM				
Fluoride	0.4221	mg/L	0.10	84.4	90	110			S
Chloride	5.016	mg/L	0.10	100	90	110			
Bromide	2.648	mg/L	0.10	106	90	110			
Nitrate (As N)+Nitrite (As N)	3.676	mg/L	0.20	105	90	110			
Phosphorus, Orthophosphate (As P)	5.312	mg/L	0.50	106	90	110			
Sulfate	10.47	mg/L	0.50	105	90	110			
Sample ID: LCS	LCS		Batch ID: R32018		Analysis Date: 1/14/2009 9:52:27 AM				
Fluoride	0.5497	mg/L	0.10	110	90	110			
Chloride	5.186	mg/L	0.10	104	90	110			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: LCS

LCS

Batch ID: R32018 Analysis Date: 1/14/2009 9:52:27 AM

Bromide	2.752	mg/L	0.10	110	90	110			S
Nitrate (As N)+Nitrite (As N)	3.746	mg/L	0.20	107	90	110			
Phosphorus, Orthophosphate (As P)	5.549	mg/L	0.50	111	90	110			S
Sulfate	10.79	mg/L	0.50	108	90	110			

Sample ID: LCS

LCS

Batch ID: R32022 Analysis Date: 1/14/2009 4:58:03 PM

Fluoride	0.5392	mg/L	0.10	108	90	110			
Chloride	4.961	mg/L	0.10	99.2	90	110			
Bromide	2.685	mg/L	0.10	107	90	110			
Nitrate (As N)+Nitrite (As N)	3.558	mg/L	0.20	102	90	110			
Phosphorus, Orthophosphate (As P)	5.387	mg/L	0.50	108	90	110			
Sulfate	10.52	mg/L	0.50	105	90	110			

Sample ID: LCS

LCS

Batch ID: R32042 Analysis Date: 1/15/2009 11:02:50 AM

Fluoride	0.5480	mg/L	0.10	110	90	110			
Chloride	5.087	mg/L	0.10	102	90	110			
Bromide	2.686	mg/L	0.10	107	90	110			
Nitrate (As N)+Nitrite (As N)	3.753	mg/L	0.20	107	90	110			
Phosphorus, Orthophosphate (As P)	5.313	mg/L	0.50	106	90	110			
Sulfate	10.52	mg/L	0.50	105	90	110			

Sample ID: 0901127-02CMS

MS

Batch ID: R32002 Analysis Date: 1/13/2009 11:27:11 AM

Fluoride	2.163	mg/L	0.10	87.2	65.1	121			
Bromide	3.441	mg/L	0.10	108	75.6	132			
Nitrate (As N)+Nitrite (As N)	6.942	mg/L	0.20	111	78.4	118			
Phosphorus, Orthophosphate (As P)	5.231	mg/L	0.50	105	77.6	118			
Sulfate	74.59	mg/L	0.50	72.1	59.4	126			

Method: SM 2320B: Alkalinity

Sample ID: MB

MBLK

Batch ID: R32028 Analysis Date: 1/14/2009

Alkalinity, Total (As CaCO3)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						

Sample ID: LCS

LCS

Batch ID: R32028 Analysis Date: 1/14/2009

Alkalinity, Total (As CaCO3)	84.00	mg/L CaC	20	104	80	120			
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Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0901127-02a MSD

MSD

Batch ID: R31999

Analysis Date: 1/13/2009 11:21:14 PM

Benzene	21.92	µg/L	1.0	110	84.9	122	0.311	15	
Toluene	17.66	µg/L	1.0	88.3	80.3	114	0.969	15	
Chlorobenzene	17.30	µg/L	1.0	86.5	71.9	134	4.91	15	
1,1-Dichloroethene	24.07	µg/L	1.0	120	88	144	2.03	17.8	
Trichloroethene (TCE)	20.64	µg/L	1.0	103	87.1	114	2.46	19.8	

Sample ID: 5ml rb

MBLK

Batch ID: R31999

Analysis Date: 1/13/2009 8:46:41 AM

Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
o-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 6ml rb

MBLK

Batch ID: R31999 Analysis Date: 1/13/2009 8:46:41 AM

2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b4

MBLK

Batch ID: R31999 Analysis Date: 1/13/2009 9:24:52 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b4

MBLK

Batch ID: R31999 Analysis Date: 1/13/2009 9:24:52 PM

2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b4

MBLK

Batch ID: R31999 Analysis Date: 1/13/2009 9:24:52 PM

Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng lcs

LCS

Batch ID: R31999 Analysis Date: 1/13/2009 9:44:36 AM

Benzene	20.26	µg/L	1.0	101	88	116
Toluene	16.48	µg/L	1.0	82.4	82.9	112
Chlorobenzene	16.93	µg/L	1.0	84.7	71.4	133
1,1-Dichloroethene	23.71	µg/L	1.0	119	97.9	140
Trichloroethene (TCE)	18.97	µg/L	1.0	94.8	90.5	112

S

Sample ID: 100ng lcs-b

LCS

Batch ID: R31999 Analysis Date: 1/13/2009 10:23:07 PM

Benzene	21.21	µg/L	1.0	106	88	116
Toluene	17.20	µg/L	1.0	86.0	82.9	112
Chlorobenzene	17.56	µg/L	1.0	87.8	71.4	133
1,1-Dichloroethene	23.75	µg/L	1.0	119	97.9	140
Trichloroethene (TCE)	20.02	µg/L	1.0	100	90.5	112

Sample ID: 0901127-02a MS

MS

Batch ID: R31999 Analysis Date: 1/13/2009 10:52:15 PM

Benzene	21.85	µg/L	1.0	109	84.9	122
Toluene	17.83	µg/L	1.0	89.2	80.3	114
Chlorobenzene	18.17	µg/L	1.0	90.9	71.9	134
1,1-Dichloroethene	23.59	µg/L	1.0	118	88	144
Trichloroethene (TCE)	20.14	µg/L	1.0	101	87.1	114

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-18069	MBLK		Batch ID: 18069		Analysis Date: 1/14/2009				
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benzo(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
1-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-18069

MBLK

Batch ID:

18069

Analysis Date:

1/14/2009

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	10
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	10
3+4-Methylphenol	ND	µg/L	10
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	20
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	10
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-18069

LCS

Batch ID:

18069

Analysis Date:

1/14/2009

Acenaphthene	75.58	µg/L	10	75.6	11	123
4-Chloro-3-methylphenol	117.2	µg/L	10	58.6	15.4	119
2-Chlorophenol	131.5	µg/L	10	65.8	12.2	122
1,4-Dichlorobenzene	57.64	µg/L	10	57.6	16.9	100
2,4-Dinitrotoluene	72.24	µg/L	10	72.2	13	138
N-Nitrosodi-n-propylamine	68.00	µg/L	10	68.0	9.93	122
4-Nitrophenol	68.67	µg/L	10	34.3	12.5	87.4
Pentachlorophenol	143.4	µg/L	20	71.7	3.55	114
Phenol	60.98	µg/L	10	30.5	7.53	73.1
Pyrene	70.36	µg/L	10	70.4	12.6	140
1,2,4-Trichlorobenzene	60.52	µg/L	10	60.5	17.4	98.7

Sample ID: lcsd-18069

LCSD

Batch ID:

18069

Analysis Date:

1/14/2009

Acenaphthene	76.60	µg/L	10	76.6	11	123	1.34	30.5
4-Chloro-3-methylphenol	128.3	µg/L	10	64.2	15.4	119	9.02	28.6
2-Chlorophenol	136.3	µg/L	10	68.1	12.2	122	3.53	107
1,4-Dichlorobenzene	57.06	µg/L	10	57.1	16.9	100	1.01	62.1
2,4-Dinitrotoluene	75.88	µg/L	10	75.9	13	138	4.91	14.7

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0901127

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-18069		LCS				Batch ID: 18069	Analysis Date:		1/14/2009
N-Nitrosodi-n-propylamine	73.08	µg/L	10	73.1	9.93	122	7.20	30.3	
1-Nitrophenol	74.36	µg/L	10	37.2	12.5	87.4	7.96	36.3	
Pentachlorophenol	147.6	µg/L	20	73.8	3.55	114	2.93	49	
Phenol	63.36	µg/L	10	31.7	7.53	73.1	3.83	52.4	
Pyrene	72.72	µg/L	10	72.7	12.6	140	3.30	16.3	
1,2,4-Trichlorobenzene	58.98	µg/L	10	59.0	17.4	98.7	2.58	36.4	

Method: SM 2540 C: Total Dissolved Solids

Sample ID: MBLK-18080		MBLK				Batch ID: 18080	Analysis Date:		1/13/2009
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-18070		LCS				Batch ID: 18070	Analysis Date:		1/12/2009
Total Dissolved Solids	1004	mg/L	20	100	80	120			
Sample ID: LCS-18080		LCS				Batch ID: 18080	Analysis Date:		1/13/2009
Total Dissolved Solids	1031	mg/L	20	102	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

1/12/2009

Work Order Number 0901127

Received by: NJM

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒	
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐	

Container/Temp Blank temperature?

6°

<6° C Acceptable

If given sufficient time to cool.

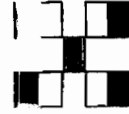
COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Client: <u>COLORADO ENERGY MANAGEMENT</u> Mailing Address: <u>98 N. TWENTHLY</u> <u>HOBBS, NM 88242</u> Phone #: <u>575.397.6726</u> email or Fax#: <u>aragge@coloradoenergy.com</u> QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation) ☐ Other _____ ☐ EDD (Type) _____		Turn-Around Time: ☐ Standard ☒ Rush <u>7-DAY</u> Project Name: <u>HOBBS GENERATING STATION</u> <u>(HGS)</u> Project #: <u>270-0523</u> Project Manager: <u>Adam E. ROGGE</u> Sampler: ☐ On site ☒ Lab ☐ No Sample Temperature: <u>6</u>				
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEALING CHLORE
11/12/09	08:00	WATER	TRIP BLANK			1
11/19/09	09:00		MW3-0109089 A	8x MULTI		2
	09:15		MW3-0109089 B			3
	11:05		MW1-0109089			4
	12:14		MW2-0109089			5
	12:43		PWD-0109089			6
Date: <u>11/9/09</u> Time: <u>2:10</u> Relinquished by: <u>Adam Rogge</u>		Received by: <u>GREENHORN</u> Date: <u>11/10/09</u> Time: <u>12:43</u>				

October 30, 2008

COVER LETTER

Thursday, October 30, 2008

Roger Schnabel
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0810272

Dear Roger Schnabel:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 10/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-01

Client Sample ID: MW1-08102008
Collection Date: 10/9/2008 1:44:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.5	0.10		mg/L	1	10/27/2008 6:35:14 PM
Chloride	20	0.10		mg/L	1	10/28/2008 5:13:02 PM
Bromide	0.17	0.10		mg/L	1	10/27/2008 6:35:14 PM
Nitrate (As N)+Nitrite (As N)	3.9	1.0		mg/L	5	10/27/2008 7:10:03 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/27/2008 6:35:14 PM
Sulfate	48	0.50		mg/L	1	10/27/2008 6:35:14 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/15/2008
Acenaphthylene	ND	10		µg/L	1	10/15/2008
Aniline	ND	10		µg/L	1	10/15/2008
Anthracene	ND	10		µg/L	1	10/15/2008
Azobenzene	ND	10		µg/L	1	10/15/2008
Benz(a)anthracene	ND	10		µg/L	1	10/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	10/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzoic acid	ND	20		µg/L	1	10/15/2008
Benzyl alcohol	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	10/15/2008
Carbazole	ND	10		µg/L	1	10/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/15/2008
4-Chloroaniline	ND	10		µg/L	1	10/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	10/15/2008
2-Chlorophenol	ND	10		µg/L	1	10/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Chrysene	ND	10		µg/L	1	10/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	10/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	10/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/15/2008
Dibenzofuran	ND	10		µg/L	1	10/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/15/2008
Diethyl phthalate	ND	10		µg/L	1	10/15/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management **Client Sample ID:** MW1-08102008
Lab Order: 0810272 **Collection Date:** 10/9/2008 1:44:00 PM
Project: Hobbs Generating Station **Date Received:** 10/11/2008
Lab ID: 0810272-01 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/15/2008
2,4-Dichlorophenol	ND	20		µg/L	1	10/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	10/15/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
Fluoranthene	ND	10		µg/L	1	10/15/2008
Fluorene	ND	10		µg/L	1	10/15/2008
Hexachlorobenzene	ND	10		µg/L	1	10/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	10/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/15/2008
Hexachloroethane	ND	10		µg/L	1	10/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/15/2008
Isophorone	ND	10		µg/L	1	10/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	10/15/2008
2-Methylphenol	ND	10		µg/L	1	10/15/2008
3+4-Methylphenol	ND	10		µg/L	1	10/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/15/2008
Naphthalene	ND	10		µg/L	1	10/15/2008
2-Nitroaniline	ND	10		µg/L	1	10/15/2008
3-Nitroaniline	ND	10		µg/L	1	10/15/2008
4-Nitroaniline	ND	10		µg/L	1	10/15/2008
Nitrobenzene	ND	10		µg/L	1	10/15/2008
2-Nitrophenol	ND	10		µg/L	1	10/15/2008
4-Nitrophenol	ND	10		µg/L	1	10/15/2008
Pentachlorophenol	ND	20		µg/L	1	10/15/2008
Phenanthrene	ND	10		µg/L	1	10/15/2008
Phenol	ND	10		µg/L	1	10/15/2008
Pyrene	ND	10		µg/L	1	10/15/2008
Pyridine	ND	10		µg/L	1	10/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/15/2008
Surr: 2,4,6-Tribromophenol	66.1	16.6-150		%REC	1	10/15/2008
Surr: 2-Fluorobiphenyl	84.2	19.6-134		%REC	1	10/15/2008
Surr: 2-Fluorophenol	47.2	9.54-113		%REC	1	10/15/2008
Surr: 4-Terphenyl-d14	65.9	22.7-145		%REC	1	10/15/2008
Surr: Nitrobenzene-d5	75.5	14.6-134		%REC	1	10/15/2008
Surr: Phenol-d5	37.8	10.7-80.3		%REC	1	10/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-01

Client Sample ID: MW1-08102008
Collection Date: 10/9/2008 1:44:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Toluene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Ethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Naphthalene	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 8:26:24 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 8:26:24 AM
Acetone	ND	10		µg/L	1	10/15/2008 8:26:24 AM
Bromobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Bromoform	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Bromomethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
2-Butanone	ND	10		µg/L	1	10/15/2008 8:26:24 AM
Carbon disulfide	ND	10		µg/L	1	10/15/2008 8:26:24 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Chlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Chloroethane	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
Chloroform	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Chloromethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Dibromomethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-01

Client Sample ID: MW1-08102008
Collection Date: 10/9/2008 1:44:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
2-Hexanone	ND	10		µg/L	1	10/15/2008 8:26:24 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/15/2008 8:26:24 AM
Methylene Chloride	ND	3.0		µg/L	1	10/15/2008 8:26:24 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Styrene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/15/2008 8:26:24 AM
Vinyl chloride	ND	1.0		µg/L	1	10/15/2008 8:26:24 AM
Xylenes, Total	ND	1.5		µg/L	1	10/15/2008 8:26:24 AM
Surr: 1,2-Dichloroethane-d4	79.8	68.1-123		%REC	1	10/15/2008 8:26:24 AM
Surr: 4-Bromofluorobenzene	86.8	53.2-145		%REC	1	10/15/2008 8:26:24 AM
Surr: Dibromofluoromethane	88.9	68.5-119		%REC	1	10/15/2008 8:26:24 AM
Surr: Toluene-d8	86.2	64-131		%REC	1	10/15/2008 8:26:24 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	10/15/2008
Bicarbonate	160	20		mg/L CaCO3	1	10/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	510	0.010		µmhos/cm	1	10/13/2008
SM 2540C: TDS						Analyst: KMB
Total Dissolved Solids	340	20		mg/L	1	10/14/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-02

Client Sample ID: EB-08102008
Collection Date: 10/9/2008 2:55:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	2.6	0.10		mg/L	1	10/27/2008 8:02:17 PM
Chloride	250	1.0		mg/L	10	10/28/2008 5:30:26 PM
Bromide	1.1	0.10		mg/L	1	10/27/2008 8:02:17 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	10/27/2008 8:37:07 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/27/2008 8:02:17 PM
Sulfate	160	5.0		mg/L	10	10/27/2008 8:19:42 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/15/2008
Acenaphthylene	ND	10		µg/L	1	10/15/2008
Aniline	ND	10		µg/L	1	10/15/2008
Anthracene	ND	10		µg/L	1	10/15/2008
Azobenzene	ND	10		µg/L	1	10/15/2008
Benz(a)anthracene	ND	10		µg/L	1	10/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	10/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzoic acid	ND	20		µg/L	1	10/15/2008
Benzyl alcohol	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	10/15/2008
Carbazole	ND	10		µg/L	1	10/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/15/2008
4-Chloroaniline	ND	10		µg/L	1	10/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	10/15/2008
2-Chlorophenol	ND	10		µg/L	1	10/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Chrysene	ND	10		µg/L	1	10/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	10/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	10/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/15/2008
Dibenzofuran	ND	10		µg/L	1	10/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/15/2008
Diethyl phthalate	ND	10		µg/L	1	10/15/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-02

Client Sample ID: EB-08102008
Collection Date: 10/9/2008 2:55:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/15/2008
2,4-Dichlorophenol	ND	20		µg/L	1	10/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	10/15/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
Fluoranthene	ND	10		µg/L	1	10/15/2008
Fluorene	ND	10		µg/L	1	10/15/2008
Hexachlorobenzene	ND	10		µg/L	1	10/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	10/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/15/2008
Hexachloroethane	ND	10		µg/L	1	10/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/15/2008
Isophorone	ND	10		µg/L	1	10/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	10/15/2008
2-Methylphenol	ND	10		µg/L	1	10/15/2008
3+4-Methylphenol	ND	10		µg/L	1	10/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/15/2008
Naphthalene	ND	10		µg/L	1	10/15/2008
2-Nitroaniline	ND	10		µg/L	1	10/15/2008
3-Nitroaniline	ND	10		µg/L	1	10/15/2008
4-Nitroaniline	ND	10		µg/L	1	10/15/2008
Nitrobenzene	ND	10		µg/L	1	10/15/2008
2-Nitrophenol	ND	10		µg/L	1	10/15/2008
4-Nitrophenol	ND	10		µg/L	1	10/15/2008
Pentachlorophenol	ND	20		µg/L	1	10/15/2008
Phenanthrene	ND	10		µg/L	1	10/15/2008
Phenol	ND	10		µg/L	1	10/15/2008
Pyrene	ND	10		µg/L	1	10/15/2008
Pyridine	ND	10		µg/L	1	10/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/15/2008
Surr: 2,4,6-Tribromophenol	77.2	16.6-150		%REC	1	10/15/2008
Surr: 2-Fluorobiphenyl	89.9	19.6-134		%REC	1	10/15/2008
Surr: 2-Fluorophenol	53.5	9.54-113		%REC	1	10/15/2008
Surr: 4-Terphenyl-d14	66.8	22.7-145		%REC	1	10/15/2008
Surr: Nitrobenzene-d5	84.7	14.6-134		%REC	1	10/15/2008
Surr: Phenol-d5	46.8	10.7-80.3		%REC	1	10/15/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-02

Client Sample ID: EB-08102008
Collection Date: 10/9/2008 2:55:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Toluene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Ethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Naphthalene	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 8:54:50 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 8:54:50 AM
Acetone	ND	10		µg/L	1	10/15/2008 8:54:50 AM
Bromobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Bromoform	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Bromomethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
2-Butanone	ND	10		µg/L	1	10/15/2008 8:54:50 AM
Carbon disulfide	ND	10		µg/L	1	10/15/2008 8:54:50 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Chlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Chloroethane	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
Chloroform	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Chloromethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Dibromomethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
 Lab Order: 0810272
 Project: Hobbs Generating Station
 Lab ID: 0810272-02

Client Sample ID: EB-08102008
 Collection Date: 10/9/2008 2:55:00 PM
 Date Received: 10/11/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
2-Hexanone	ND	10		µg/L	1	10/15/2008 8:54:50 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/15/2008 8:54:50 AM
Methylene Chloride	ND	3.0		µg/L	1	10/15/2008 8:54:50 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Styrene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/15/2008 8:54:50 AM
Vinyl chloride	ND	1.0		µg/L	1	10/15/2008 8:54:50 AM
Xylenes, Total	ND	1.5		µg/L	1	10/15/2008 8:54:50 AM
Surr: 1,2-Dichloroethane-d4	78.5	68.1-123		%REC	1	10/15/2008 8:54:50 AM
Surr: 4-Bromofluorobenzene	86.6	53.2-145		%REC	1	10/15/2008 8:54:50 AM
Surr: Dibromofluoromethane	88.1	68.5-119		%REC	1	10/15/2008 8:54:50 AM
Surr: Toluene-d8	84.4	64-131		%REC	1	10/15/2008 8:54:50 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	130	20		mg/L CaCO3	1	10/16/2008
Carbonate	56	2.0		mg/L CaCO3	1	10/16/2008
Bicarbonate	73	20		mg/L CaCO3	1	10/16/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	1400	0.010		µmhos/cm	1	10/13/2008
SM 2540C: TDS						Analyst: KMB
Total Dissolved Solids	860	20		mg/L	1	10/14/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-03

Client Sample ID: MW3-08102008-2
Collection Date: 10/9/2008 3:42:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.6	0.10		mg/L	1	10/27/2008 8:54:31 PM
Chloride	35	0.10		mg/L	1	10/28/2008 5:47:51 PM
Bromide	0.21	0.10		mg/L	1	10/27/2008 8:54:31 PM
Nitrate (As N)+Nitrite (As N)	2.6	1.0		mg/L	5	10/27/2008 9:29:19 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	10/27/2008 8:54:31 PM
Sulfate	60	0.50		mg/L	1	10/27/2008 8:54:31 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/15/2008
Acenaphthylene	ND	10		µg/L	1	10/15/2008
Aniline	ND	10		µg/L	1	10/15/2008
Anthracene	ND	10		µg/L	1	10/15/2008
Azobenzene	ND	10		µg/L	1	10/15/2008
Benz(a)anthracene	ND	10		µg/L	1	10/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	10/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzoic acid	ND	20		µg/L	1	10/15/2008
Benzyl alcohol	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	10/15/2008
Carbazole	ND	10		µg/L	1	10/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/15/2008
4-Chloroaniline	ND	10		µg/L	1	10/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	10/15/2008
2-Chlorophenol	ND	10		µg/L	1	10/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Chrysene	ND	10		µg/L	1	10/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	10/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	10/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/15/2008
Dibenzofuran	ND	10		µg/L	1	10/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/15/2008
Diethyl phthalate	ND	10		µg/L	1	10/15/2008

Qualifiers:

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- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
 Lab Order: 0810272
 Project: Hobbs Generating Station
 Lab ID: 0810272-03

Client Sample ID: MW3-08102008-2
 Collection Date: 10/9/2008 3:42:00 PM
 Date Received: 10/11/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Dimethyl phthalate	ND	10		µg/L	1	10/15/2008
2,4-Dichlorophenol	ND	20		µg/L	1	10/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	10/15/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
Fluoranthene	ND	10		µg/L	1	10/15/2008
Fluorene	ND	10		µg/L	1	10/15/2008
Hexachlorobenzene	ND	10		µg/L	1	10/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	10/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/15/2008
Hexachloroethane	ND	10		µg/L	1	10/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/15/2008
Isophorone	ND	10		µg/L	1	10/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	10/15/2008
2-Methylphenol	ND	10		µg/L	1	10/15/2008
3+4-Methylphenol	ND	10		µg/L	1	10/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/15/2008
Naphthalene	ND	10		µg/L	1	10/15/2008
2-Nitroaniline	ND	10		µg/L	1	10/15/2008
3-Nitroaniline	ND	10		µg/L	1	10/15/2008
4-Nitroaniline	ND	10		µg/L	1	10/15/2008
Nitrobenzene	ND	10		µg/L	1	10/15/2008
2-Nitrophenol	ND	10		µg/L	1	10/15/2008
4-Nitrophenol	ND	10		µg/L	1	10/15/2008
Pentachlorophenol	ND	20		µg/L	1	10/15/2008
Phenanthrene	ND	10		µg/L	1	10/15/2008
Phenol	ND	10		µg/L	1	10/15/2008
Pyrene	ND	10		µg/L	1	10/15/2008
Pyridine	ND	10		µg/L	1	10/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/15/2008
Surr: 2,4,6-Tribromophenol	67.4	16.6-150		%REC	1	10/15/2008
Surr: 2-Fluorobiphenyl	76.2	19.6-134		%REC	1	10/15/2008
Surr: 2-Fluorophenol	40.9	9.54-113		%REC	1	10/15/2008
Surr: 4-Terphenyl-d14	64.7	22.7-145		%REC	1	10/15/2008
Surr: Nitrobenzene-d5	63.7	14.6-134		%REC	1	10/15/2008
Surr: Phenol-d5	35.8	10.7-80.3		%REC	1	10/15/2008

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 S Spike recovery outside accepted recovery limits

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 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-03

Client Sample ID: MW3-08102008-2
Collection Date: 10/9/2008 3:42:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC

EPA METHOD 8260B: VOLATILES

Analyst: HL

Benzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Toluene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Ethylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Naphthalene	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 9:23:21 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/15/2008 9:23:21 AM
Acetone	ND	10		µg/L	1	10/15/2008 9:23:21 AM
Bromobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Bromoform	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Bromomethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
2-Butanone	ND	10		µg/L	1	10/15/2008 9:23:21 AM
Carbon disulfide	ND	10		µg/L	1	10/15/2008 9:23:21 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Chlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Chloroethane	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
Chloroform	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Chloromethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Dibromomethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM

Qualifiers:

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- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 30-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810272
Project: Hobbs Generating Station
Lab ID: 0810272-03

Client Sample ID: MW3-08102008-2
Collection Date: 10/9/2008 3:42:00 PM
Date Received: 10/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Hexachlorobutadiene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
2-Hexanone	ND	10		µg/L	1	10/15/2008 9:23:21 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/15/2008 9:23:21 AM
Methylene Chloride	ND	3.0		µg/L	1	10/15/2008 9:23:21 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Styrene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/15/2008 9:23:21 AM
Vinyl chloride	ND	1.0		µg/L	1	10/15/2008 9:23:21 AM
Xylenes, Total	ND	1.5		µg/L	1	10/15/2008 9:23:21 AM
Surr: 1,2-Dichloroethane-d4	78.5	68.1-123		%REC	1	10/15/2008 9:23:21 AM
Surr: 4-Bromofluorobenzene	87.3	53.2-145		%REC	1	10/15/2008 9:23:21 AM
Surr: Dibromofluoromethane	89.4	68.5-119		%REC	1	10/15/2008 9:23:21 AM
Surr: Toluene-d8	85.9	64-131		%REC	1	10/15/2008 9:23:21 AM
SM 2320B: ALKALINITY						Analyst: KMS
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/16/2008
Carbonate	ND	2.0		mg/L CaCO3	1	10/16/2008
Bicarbonate	160	20		mg/L CaCO3	1	10/16/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	550	0.010		µmhos/cm	1	10/13/2008
SM 2540C: TDS						Analyst: KMB
Total Dissolved Solids	360	20		mg/L	1	10/14/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Estimated value
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ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit



ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : MW1-08102008
Collected By :
Collection Date : 10/09/08 13:44

ESC Sample # : L369869-01

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	61.	0.50	mg/l	6010B	10/21/08	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	10/21/08	1
Potassium, Dissolved	2.1	0.50	mg/l	6010B	10/21/08	1
Sodium, Dissolved	31.	0.50	mg/l	6010B	10/21/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 10/21/08 11:04 Printed: 10/21/08 11:05



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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : MW1-08102008
Collected By :
Collection Date : 10/09/08 13:44

ESC Sample # : L369869-02

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00030	0.00020	mg/l	7470A	10/15/08	1
Arsenic	BDL	0.020	mg/l	6010B	10/18/08	1
Barium	0.078	0.0050	mg/l	6010B	10/18/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/18/08	1
Chromium	BDL	0.010	mg/l	6010B	10/18/08	1
Lead	BDL	0.0050	mg/l	6010B	10/18/08	1
Selenium	0.062	0.020	mg/l	6010B	10/20/08	1
Silver	BDL	0.010	mg/l	6010B	10/18/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : EB-08102008
Collected By :
Collection Date : 10/09/08 14:55

ESC Sample # : L369869-03

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	76.	0.50	mg/l	6010B	10/21/08	1
Magnesium, Dissolved	24.	0.10	mg/l	6010B	10/21/08	1
Potassium, Dissolved	8.7	0.50	mg/l	6010B	10/21/08	1
Sodium, Dissolved	160	0.50	mg/l	6010B	10/21/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Reported: 10/21/08 11:04 Printed: 10/21/08 11:05



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Est. 1970

REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : EB-08102008
Collected By :
Collection Date : 10/09/08 14:55

ESC Sample # : L369869-04

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	10/15/08	1
Arsenic	0.025	0.020	mg/l	6010B	10/18/08	1
Barium	0.11	0.0050	mg/l	6010B	10/18/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/18/08	1
Chromium	BDL	0.010	mg/l	6010B	10/18/08	1
Lead	BDL	0.0050	mg/l	6010B	10/18/08	1
Selenium	0.067	0.020	mg/l	6010B	10/20/08	1
Silver	BDL	0.010	mg/l	6010B	10/18/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : MW3-08102008-2
Collected By :
Collection Date : 10/09/08 15:42

ESC Sample # : L369869-05

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	65.	0.50	mg/l	6010B	10/21/08	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	10/21/08	1
Potassium, Dissolved	2.2	0.50	mg/l	6010B	10/21/08	1
Sodium, Dissolved	34.	0.50	mg/l	6010B	10/21/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
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Albuquerque, NM 87109

October 21, 2008

Date Received : October 14, 2008
Description : 0810272
Sample ID : MW3-08102008-2
Collected By :
Collection Date : 10/09/08 15:42

ESC Sample # : L369869-06

Site ID :

Project # : 0810272

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00026	0.00020	mg/l	7470A	10/15/08	1
Arsenic	BDL	0.020	mg/l	6010B	10/18/08	1
Barium	0.072	0.0050	mg/l	6010B	10/18/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/18/08	1
Chromium	BDL	0.010	mg/l	6010B	10/18/08	1
Lead	BDL	0.0050	mg/l	6010B	10/18/08	1
Selenium	0.064	0.020	mg/l	6010B	10/20/08	1
Silver	BDL	0.010	mg/l	6010B	10/18/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/21/08 11:04 Printed: 10/21/08 11:05

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: LCS		LCS							
					Batch ID: R30893		Analysis Date:		10/27/2008 9:52:53 AM
Fluoride	0.4976	mg/L	0.10	99.5	90	110			
Chloride	4.943	mg/L	0.10	98.9	90	110			
Bromide	2.511	mg/L	0.10	100	90	110			
Nitrate (As N)+Nitrite (As N)	3.512	mg/L	0.20	100	90	110			
Phosphorus, Orthophosphate (As P)	4.949	mg/L	0.50	99.0	90	110			
Sulfate	10.17	mg/L	0.50	102	90	110			

Method: SM 2320B: Alkalinity

Sample ID: MB		MBLK					Batch ID: R30711	Analysis Date:	10/15/2008
Alkalinity, Total (As CaCO ₃)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						
Sample ID: MB		MBLK					Batch ID: R30726	Analysis Date:	10/16/2008
Alkalinity, Total (As CaCO ₃)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						
Sample ID: LCS		LCS					Batch ID: R30711	Analysis Date:	10/15/2008
Alkalinity, Total (As CaCO ₃)	82.00	mg/L CaC	20	101	80	120			
Sample ID: LCS		LCS					Batch ID: R30726	Analysis Date:	10/16/2008
Alkalinity, Total (As CaCO ₃)	82.00	mg/L CaC	20	100	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17372		MBLK			Batch ID: 17372		Analysis Date:		10/15/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Acridine	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benzo(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	5.0						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	5.0						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
4-Dichlorophenol	ND	µg/L	20						
4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	5.0						
4-Dinitrotoluene	ND	µg/L	5.0						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	5.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-17372 MBLK Batch ID: 17372 Analysis Date: 10/15/2008

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	5.0
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	5.0
3+4-Methylphenol	ND	µg/L	5.0
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	5.0
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	5.0
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	5.0
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-17372 LCS Batch ID: 17372 Analysis Date: 10/15/2008

Acenaphthene	65.80	µg/L	10	65.8	11	123
4-Chloro-3-methylphenol	73.36	µg/L	10	73.4	15.4	119
2-Chlorophenol	74.00	µg/L	10	74.0	12.2	122
1,4-Dichlorobenzene	66.30	µg/L	10	66.3	16.9	100
2,4-Dinitrotoluene	67.48	µg/L	10	67.5	13	138
N-Nitrosodi-n-propylamine	80.08	µg/L	10	80.1	9.93	122
4-Nitrophenol	57.32	µg/L	10	57.3	12.5	87.4
Pentachlorophenol	62.28	µg/L	20	62.3	3.55	114
Phenol	62.02	µg/L	10	62.0	7.53	73.1
Pyrene	78.34	µg/L	10	78.3	12.6	140
1,2,4-Trichlorobenzene	69.12	µg/L	10	69.1	17.4	98.7

Method: SM 2540C: TDS

Sample ID: MB-17358 MBLK Batch ID: 17358 Analysis Date: 10/14/2008

Total Dissolved Solids ND mg/L 20

Sample ID: LCS-17358 LCS Batch ID: 17358 Analysis Date: 10/14/2008

Total Dissolved Solids 1010 mg/L 20 101 80 120

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0810272-01a MSD		MSD	Batch ID: R30681		Analysis Date: 10/15/2008 12:19:38 AM				
Benzene	20.77	µg/L	1.0	104	84.9	122	1.05	15	
Toluene	19.49	µg/L	1.0	97.5	80.3	114	0.725	15	
Ethylbenzene	ND	µg/L	1.0				0	0	
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0				0	0	
1,2,4-Trimethylbenzene	ND	µg/L	1.0				0	0	
1,3,5-Trimethylbenzene	ND	µg/L	1.0				0	0	
1,2-Dichloroethane (EDC)	ND	µg/L	1.0				0	0	
1,2-Dibromoethane (EDB)	ND	µg/L	1.0				0	0	
1,2,3-Trichlorobenzene	ND	µg/L	2.0				0	0	
1-Methylnaphthalene	ND	µg/L	4.0				0	0	
2-Methylnaphthalene	ND	µg/L	4.0				0	0	
Acetone	ND	µg/L	10				0	0	
Bromobenzene	ND	µg/L	1.0				0	0	
Bromodichloromethane	ND	µg/L	1.0				0	0	
Bromoform	ND	µg/L	1.0				0	0	
Bromomethane	ND	µg/L	1.0				0	0	
2-Butanone	ND	µg/L	10				0	0	
Carbon disulfide	ND	µg/L	10				0	0	
Carbon Tetrachloride	ND	µg/L	1.0				0	0	
Chlorobenzene	22.05	µg/L	1.0	110	71.9	134	0.867	15	
Chloroethane	ND	µg/L	2.0				0	0	
Chloroform	ND	µg/L	1.0				0	0	
Chloromethane	ND	µg/L	1.0				0	0	
o-Chlorotoluene	ND	µg/L	1.0				0	0	
4-Chlorotoluene	ND	µg/L	1.0				0	0	
trans-1,2-DCE	ND	µg/L	1.0				0	0	
trans-1,3-Dichloropropene	ND	µg/L	1.0				0	0	
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0				0	0	
Dibromochloromethane	ND	µg/L	1.0				0	0	
Dibromomethane	ND	µg/L	1.0				0	0	
1,2-Dichlorobenzene	ND	µg/L	1.0				0	0	
1,3-Dichlorobenzene	ND	µg/L	1.0				0	0	
1,4-Dichlorobenzene	ND	µg/L	1.0				0	0	
Dichlorodifluoromethane	ND	µg/L	1.0				0	0	
1,1-Dichloroethane	ND	µg/L	1.0				0	0	
1,1-Dichloroethene	22.57	µg/L	1.0	113	88	144	2.26	17.8	
1,2-Dichloropropane	ND	µg/L	1.0				0	0	
1,3-Dichloropropane	ND	µg/L	1.0				0	0	
2,2-Dichloropropane	ND	µg/L	2.0				0	0	
1,1-Dichloropropene	ND	µg/L	1.0				0	0	
Hexachlorobutadiene	ND	µg/L	1.0				0	0	
2-Hexanone	ND	µg/L	10				0	0	
Isopropylbenzene	ND	µg/L	1.0				0	0	
p-Isopropyltoluene	ND	µg/L	1.0				0	0	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0810272-01a MSD

MSD

Batch ID: R30681

Analysis Date: 10/15/2008 12:19:38 AM

4-Methyl-2-pentanone	ND	µg/L	10				0	0	
Methylene Chloride	ND	µg/L	3.0				0	0	
n-Butylbenzene	ND	µg/L	1.0				0	0	
n-Propylbenzene	ND	µg/L	1.0				0	0	
sec-Butylbenzene	ND	µg/L	1.0				0	0	
Styrene	ND	µg/L	1.0				0	0	
tert-Butylbenzene	ND	µg/L	1.0				0	0	
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0				0	0	
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0				0	0	
Tetrachloroethene (PCE)	ND	µg/L	1.0				0	0	
trans-1,2-DCE	ND	µg/L	1.0				0	0	
trans-1,3-Dichloropropene	ND	µg/L	1.0				0	0	
1,2,3-Trichlorobenzene	ND	µg/L	1.0				0	0	
1,2,4-Trichlorobenzene	ND	µg/L	1.0				0	0	
1,1,1-Trichloroethane	ND	µg/L	1.0				0	0	
1,1,2-Trichloroethane	ND	µg/L	1.0				0	0	
Trichloroethene (TCE)	19.01	µg/L	1.0	95.0	87.1	114	0.675	19.8	
Trichlorofluoromethane	ND	µg/L	1.0				0	0	
1,2,3-Trichloropropane	ND	µg/L	2.0				0	0	
Vinyl chloride	ND	µg/L	1.0				0	0	
Xylenes, Total	ND	µg/L	1.5				0	0	

Sample ID: 5ml rb

MBLK

Batch ID: R30681

Analysis Date: 10/14/2008 9:45:36 AM

Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R30681 Analysis Date: 10/14/2008 9:45:36 AM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b6

MBLK

Batch ID: R30681 Analysis Date: 10/14/2008 10:25:48 PM

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b6

MBLK

Batch ID: R30681 Analysis Date: 10/14/2008 10:25:48 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b6 MBLK Batch ID: R30681 Analysis Date: 10/14/2008 10:25:48 PM

4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng Ics LCS Batch ID: R30681 Analysis Date: 10/14/2008 10:42:42 AM

Benzene	21.16	µg/L	1.0	106	88	116
Toluene	20.57	µg/L	1.0	103	82.9	112
Chlorobenzene	23.06	µg/L	1.0	115	71.4	133
1,1-Dichloroethene	23.25	µg/L	1.0	116	97.9	140
Trichloroethene (TCE)	19.14	µg/L	1.0	95.7	90.5	112

Sample ID: 100ng Ics LCS Batch ID: R30681 Analysis Date: 10/14/2008 11:22:43 PM

Benzene	21.41	µg/L	1.0	107	88	116
Toluene	19.61	µg/L	1.0	98.1	82.9	112
Chlorobenzene	22.11	µg/L	1.0	111	71.4	133
1,1-Dichloroethene	23.74	µg/L	1.0	119	97.9	140
Trichloroethene (TCE)	19.31	µg/L	1.0	96.5	90.5	112

Sample ID: 0810272-01a MS Batch ID: R30681 Analysis Date: 10/14/2008 11:51:04 PM

Benzene	20.99	µg/L	1.0	105	84.9	122
Toluene	19.63	µg/L	1.0	98.2	80.3	114
Ethylbenzene	ND	µg/L	1.0			
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0			
1,2,4-Trimethylbenzene	ND	µg/L	1.0			
1,3,5-Trimethylbenzene	ND	µg/L	1.0			
1,2-Dichloroethane (EDC)	ND	µg/L	1.0			
1,2-Dibromoethane (EDB)	ND	µg/L	1.0			
Naphthalene	ND	µg/L	2.0			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0810272-01a MS

MS

Batch ID: R30681

Analysis Date: 10/14/2008 11:51:04 PM

1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	21.86	µg/L	1.0	109	71.9	134			
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	23.09	µg/L	1.0	115	88	144			
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810272

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0810272-01a MS

MS

Batch ID: R30681 Analysis Date: 10/14/2008 11:51:04 PM

Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	19.14	µg/L	1.0	95.7	87.1	114			
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

10/11/2008

Work Order Number 0810272

Received by: AMF

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐ Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
Container/Temp Blank temperature?	5°	<6° C Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

October 20, 2008

COVER LETTER

Monday, October 20, 2008

Roger Schnabel
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0810189

Dear Roger Schnabel:

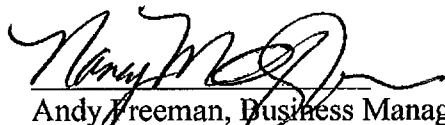
Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 10/9/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager

Nancy McDuffie, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-01

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 10/9/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Toluene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Ethylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Naphthalene	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/10/2008 11:43:12 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/10/2008 11:43:12 PM
Acetone	ND	10		µg/L	1	10/10/2008 11:43:12 PM
Bromobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Bromodichloromethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Bromoform	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Bromomethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
2-Butanone	ND	10		µg/L	1	10/10/2008 11:43:12 PM
Carbon disulfide	ND	10		µg/L	1	10/10/2008 11:43:12 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Chlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Chloroethane	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
Chloroform	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Chloromethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
2-Chlorotoluene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
4-Chlorotoluene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
cis-1,2-DCE	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
Dibromochloromethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Dibromomethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
2-Hexanone	ND	10		µg/L	1	10/10/2008 11:43:12 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-01

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 10/9/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/10/2008 11:43:12 PM
Methylene Chloride	ND	3.0		µg/L	1	10/10/2008 11:43:12 PM
n-Butylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
n-Propylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
sec-Butylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Styrene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
tert-Butylbenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
trans-1,2-DCE	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/10/2008 11:43:12 PM
Vinyl chloride	ND	1.0		µg/L	1	10/10/2008 11:43:12 PM
Xylenes, Total	ND	1.5		µg/L	1	10/10/2008 11:43:12 PM
Surr: 1,2-Dichloroethane-d4	79.9	68.1-123		%REC	1	10/10/2008 11:43:12 PM
Surr: 4-Bromofluorobenzene	86.1	53.2-145		%REC	1	10/10/2008 11:43:12 PM
Surr: Dibromofluoromethane	86.4	68.5-119		%REC	1	10/10/2008 11:43:12 PM
Surr: Toluene-d8	87.1	64-131		%REC	1	10/10/2008 11:43:12 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
 Lab Order: 0810189
 Project: Hobbs Generating Station
 Lab ID: 0810189-02

Client Sample ID: MW3-08102008
 Collection Date: 10/8/2008 2:17:00 PM
 Date Received: 10/9/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.6	0.10		mg/L	1	10/9/2008 4:16:21 PM
Chloride	34	0.10		mg/L	1	10/9/2008 4:16:21 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	10/9/2008 4:16:21 PM
Bromide	0.23	0.10		mg/L	1	10/9/2008 4:16:21 PM
Nitrogen, Nitrate (As N)	2.5	0.10		mg/L	1	10/9/2008 4:16:21 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	10/9/2008 4:16:21 PM
Sulfate	61	0.50		mg/L	1	10/9/2008 4:16:21 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/15/2008
Acenaphthylene	ND	10		µg/L	1	10/15/2008
Aniline	ND	10		µg/L	1	10/15/2008
Anthracene	ND	10		µg/L	1	10/15/2008
Azobenzene	ND	10		µg/L	1	10/15/2008
Benz(a)anthracene	ND	10		µg/L	1	10/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	10/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzoic acid	ND	20		µg/L	1	10/15/2008
Benzyl alcohol	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	10/15/2008
Carbazole	ND	10		µg/L	1	10/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/15/2008
4-Chloroaniline	ND	10		µg/L	1	10/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	10/15/2008
2-Chlorophenol	ND	10		µg/L	1	10/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Chrysene	ND	10		µg/L	1	10/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	10/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	10/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/15/2008
Dibenzofuran	ND	10		µg/L	1	10/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management **Client Sample ID:** MW3-08102008
Lab Order: 0810189 **Collection Date:** 10/8/2008 2:17:00 PM
Project: Hobbs Generating Station **Date Received:** 10/9/2008
Lab ID: 0810189-02 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Diethyl phthalate	ND	10		µg/L	1	10/15/2008
Dimethyl phthalate	ND	10		µg/L	1	10/15/2008
2,4-Dichlorophenol	ND	20		µg/L	1	10/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	10/15/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
Fluoranthene	ND	10		µg/L	1	10/15/2008
Fluorene	ND	10		µg/L	1	10/15/2008
Hexachlorobenzene	ND	10		µg/L	1	10/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	10/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/15/2008
Hexachloroethane	ND	10		µg/L	1	10/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/15/2008
Isophorone	ND	10		µg/L	1	10/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	10/15/2008
2-Methylphenol	ND	10		µg/L	1	10/15/2008
3+4-Methylphenol	ND	10		µg/L	1	10/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/15/2008
Naphthalene	ND	10		µg/L	1	10/15/2008
2-Nitroaniline	ND	10		µg/L	1	10/15/2008
3-Nitroaniline	ND	10		µg/L	1	10/15/2008
4-Nitroaniline	ND	10		µg/L	1	10/15/2008
Nitrobenzene	ND	10		µg/L	1	10/15/2008
2-Nitrophenol	ND	10		µg/L	1	10/15/2008
4-Nitrophenol	ND	10		µg/L	1	10/15/2008
Pentachlorophenol	ND	20		µg/L	1	10/15/2008
Phenanthrene	ND	10		µg/L	1	10/15/2008
Phenol	ND	10		µg/L	1	10/15/2008
Pyrene	ND	10		µg/L	1	10/15/2008
Pyridine	ND	10		µg/L	1	10/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/15/2008
Surr: 2,4,6-Tribromophenol	77.7	16.6-150		%REC	1	10/15/2008
Surr: 2-Fluorobiphenyl	93.0	19.6-134		%REC	1	10/15/2008
Surr: 2-Fluorophenol	61.1	9.54-113		%REC	1	10/15/2008
Surr: 4-Terphenyl-d14	71.2	22.7-145		%REC	1	10/15/2008
Surr: Nitrobenzene-d5	88.7	14.6-134		%REC	1	10/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level B Analyte detected in the associated Method Blank
 E Value above quantitation range H Holding times for preparation or analysis exceeded
 J Analyte detected below quantitation limits MCL Maximum Contaminant Level
 ND Not Detected at the Reporting Limit RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-02

Client Sample ID: MW3-08102008
Collection Date: 10/8/2008 2:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Surr: Phenol-d5	51.1	10.7-80.3	%REC		1	10/15/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Toluene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Ethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Naphthalene	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/11/2008 12:11:50 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/11/2008 12:11:50 AM
Acetone	ND	10		µg/L	1	10/11/2008 12:11:50 AM
Bromobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Bromoform	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Bromomethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
2-Butanone	ND	10		µg/L	1	10/11/2008 12:11:50 AM
Carbon disulfide	ND	10		µg/L	1	10/11/2008 12:11:50 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Chlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Chloroethane	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM
Chloroform	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Chloromethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Dibromomethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-02

Client Sample ID: MW3-08102008
Collection Date: 10/8/2008 2:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
2-Hexanone	ND	10		µg/L	1	10/11/2008 12:11:50 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/11/2008 12:11:50 AM
Methylene Chloride	ND	3.0		µg/L	1	10/11/2008 12:11:50 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Styrene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/11/2008 12:11:50 AM
Vinyl chloride	ND	1.0		µg/L	1	10/11/2008 12:11:50 AM
Xylenes, Total	ND	1.5		µg/L	1	10/11/2008 12:11:50 AM
Surr: 1,2-Dichloroethane-d4	80.9	68.1-123		%REC	1	10/11/2008 12:11:50 AM
Surr: 4-Bromofluorobenzene	88.3	53.2-145		%REC	1	10/11/2008 12:11:50 AM
Surr: Dibromofluoromethane	89.6	68.5-119		%REC	1	10/11/2008 12:11:50 AM
Surr: Toluene-d8	86.1	64-131		%REC	1	10/11/2008 12:11:50 AM

SM 2320B: ALKALINITY

Analyst: TAF

Alkalinity, Total (As CaCO3)	150	20	mg/L CaCO3	1	10/13/2008
Carbonate	ND	2.0	mg/L CaCO3	1	10/13/2008
Bicarbonate	150	20	mg/L CaCO3	1	10/13/2008

EPA 120.1: SPECIFIC CONDUCTANCE

Analyst: KMB

Specific Conductance	540	0.010	µmhos/cm	1	10/10/2008
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SM 2540C TOTAL DISSOLVED SOLIDS

Analyst: KMB

Total Dissolved Solids	380	20	mg/L	1	10/10/2008
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Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-03

Client Sample ID: MW2-08102008
Collection Date: 10/8/2008 3:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	10/9/2008 5:26:00 PM
Chloride	23	0.10		mg/L	1	10/9/2008 5:26:00 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	10/9/2008 5:26:00 PM
Bromide	0.23	0.10		mg/L	1	10/9/2008 5:26:00 PM
Nitrogen, Nitrate (As N)	2.3	0.10		mg/L	1	10/9/2008 5:26:00 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	10/9/2008 5:26:00 PM
Sulfate	48	0.50		mg/L	1	10/9/2008 5:26:00 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	10/15/2008
Acenaphthylene	ND	10		µg/L	1	10/15/2008
Aniline	ND	10		µg/L	1	10/15/2008
Anthracene	ND	10		µg/L	1	10/15/2008
Azobenzene	ND	10		µg/L	1	10/15/2008
Benz(a)anthracene	ND	10		µg/L	1	10/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	10/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	10/15/2008
Benzoic acid	ND	20		µg/L	1	10/15/2008
Benzyl alcohol	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/15/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	10/15/2008
Carbazole	ND	10		µg/L	1	10/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	10/15/2008
4-Chloroaniline	ND	10		µg/L	1	10/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	10/15/2008
2-Chlorophenol	ND	10		µg/L	1	10/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/15/2008
Chrysene	ND	10		µg/L	1	10/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	10/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	10/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/15/2008
Dibenzofuran	ND	10		µg/L	1	10/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	10/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/15/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-03

Client Sample ID: MW2-08102008
Collection Date: 10/8/2008 3:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Diethyl phthalate	ND	10		µg/L	1	10/15/2008
Dimethyl phthalate	ND	10		µg/L	1	10/15/2008
2,4-Dichlorophenol	ND	20		µg/L	1	10/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	10/15/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	10/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	10/15/2008
Fluoranthene	ND	10		µg/L	1	10/15/2008
Fluorene	ND	10		µg/L	1	10/15/2008
Hexachlorobenzene	ND	10		µg/L	1	10/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	10/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/15/2008
Hexachloroethane	ND	10		µg/L	1	10/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/15/2008
Isophorone	ND	10		µg/L	1	10/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	10/15/2008
2-Methylphenol	ND	10		µg/L	1	10/15/2008
3+4-Methylphenol	ND	10		µg/L	1	10/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	10/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/15/2008
Naphthalene	ND	10		µg/L	1	10/15/2008
2-Nitroaniline	ND	10		µg/L	1	10/15/2008
3-Nitroaniline	ND	10		µg/L	1	10/15/2008
4-Nitroaniline	ND	10		µg/L	1	10/15/2008
Nitrobenzene	ND	10		µg/L	1	10/15/2008
2-Nitrophenol	ND	10		µg/L	1	10/15/2008
4-Nitrophenol	ND	10		µg/L	1	10/15/2008
Pentachlorophenol	ND	20		µg/L	1	10/15/2008
Phenanthrene	ND	10		µg/L	1	10/15/2008
Phenol	ND	10		µg/L	1	10/15/2008
Pyrene	ND	10		µg/L	1	10/15/2008
Pyridine	ND	10		µg/L	1	10/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/15/2008
Surr: 2,4,6-Tribromophenol	75.7	16.6-150		%REC	1	10/15/2008
Surr: 2-Fluorobiphenyl	86.3	19.6-134		%REC	1	10/15/2008
Surr: 2-Fluorophenol	63.7	9.54-113		%REC	1	10/15/2008
Surr: 4-Terphenyl-d14	75.6	22.7-145		%REC	1	10/15/2008
Surr: Nitrobenzene-d5	90.9	14.6-134		%REC	1	10/15/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-03

Client Sample ID: MW2-08102008
Collection Date: 10/8/2008 3:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Surr: Phenol-d5	51.4	10.7-80.3	%REC		1	10/15/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Toluene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Ethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Naphthalene	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	10/11/2008 12:40:26 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	10/11/2008 12:40:26 AM
Acetone	ND	10		µg/L	1	10/11/2008 12:40:26 AM
Bromobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Bromodichloromethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Bromoform	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Bromomethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
2-Butanone	ND	10		µg/L	1	10/11/2008 12:40:26 AM
Carbon disulfide	ND	10		µg/L	1	10/11/2008 12:40:26 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Chlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Chloroethane	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM
Chloroform	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Chloromethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
2-Chlorotoluene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
4-Chlorotoluene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
cis-1,2-DCE	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM
Dibromochloromethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Dibromomethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 20-Oct-08

CLIENT: Colorado Energy Management
Lab Order: 0810189
Project: Hobbs Generating Station
Lab ID: 0810189-03

Client Sample ID: MW2-08102008
Collection Date: 10/8/2008 3:17:00 PM
Date Received: 10/9/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
2-Hexanone	ND	10		µg/L	1	10/11/2008 12:40:26 AM
Isopropylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/11/2008 12:40:26 AM
Methylene Chloride	ND	3.0		µg/L	1	10/11/2008 12:40:26 AM
n-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
n-Propylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
sec-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Styrene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
tert-Butylbenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
trans-1,2-DCE	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/11/2008 12:40:26 AM
Vinyl chloride	ND	1.0		µg/L	1	10/11/2008 12:40:26 AM
Xylenes, Total	ND	1.5		µg/L	1	10/11/2008 12:40:26 AM
Surr: 1,2-Dichloroethane-d4	79.5	68.1-123		%REC	1	10/11/2008 12:40:26 AM
Surr: 4-Bromofluorobenzene	87.6	53.2-145		%REC	1	10/11/2008 12:40:26 AM
Surr: Dibromofluoromethane	89.5	68.5-119		%REC	1	10/11/2008 12:40:26 AM
Surr: Toluene-d8	88.6	64-131		%REC	1	10/11/2008 12:40:26 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	10/13/2008
Carbonate	ND	2.0		mg/L CaCO3	1	10/13/2008
Bicarbonate	160	20		mg/L CaCO3	1	10/13/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	500	0.010		µmhos/cm	1	10/10/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMB
Total Dissolved Solids	350	20		mg/L	1	10/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit



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Tax I.D. 62-0814289

Est. 1970

Andy Freeman
Hall Environmental Analysis Laboratory
4901 Hawkins NE

Albuquerque, NM 87109

Report Summary

Sunday October 19, 2008

Report Number: L369805

Samples Received: 10/14/08

Client Project: 0810189

Description:

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne R. Richards
Daphne Richards, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided
in laboratory standard operating procedures: 060302, 060303, and 060304.

4 Samples Reported: 10/19/08 09:19 Printed: 10/19/08 09:19

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 19, 2008

Date Received : October 14, 2008
Description :

Sample ID : MW-3-08102008

Collected By :
Collection Date : 10/08/08 14:17

ESC Sample # : L369805-01

Site ID :

Project # : 0810189

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	63.	0.50	mg/l	6010B	10/18/08	1
Magnesium, Dissolved	10.	0.10	mg/l	6010B	10/18/08	1
Potassium, Dissolved	2.2	0.50	mg/l	6010B	10/18/08	1
Sodium, Dissolved	31.	0.50	mg/l	6010B	10/18/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 19, 2008

Date Received : October 14, 2008
Description :

Sample ID : MW-3-08102008

Collected By :
Collection Date : 10/08/08 14:17

ESC Sample # : L369805-02

Site ID :

Project # : 0810189

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	10/15/08	1
Arsenic	BDL	0.020	mg/l	6010B	10/16/08	1
Barium	0.066	0.0050	mg/l	6010B	10/16/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/16/08	1
Chromium	BDL	0.010	mg/l	6010B	10/16/08	1
Lead	BDL	0.0050	mg/l	6010B	10/16/08	1
Selenium	BDL	0.020	mg/l	6010B	10/16/08	1
Silver	BDL	0.010	mg/l	6010B	10/16/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 19, 2008

Date Received : October 14, 2008
Description :

Sample ID : MW-2-08102008

Collected By :
Collection Date : 10/08/08 15:17

ESC Sample # : L369805-03

Site ID :

Project # : 0810189

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Calcium, Dissolved	58.	0.50	mg/l	6010B	10/18/08	1
Magnesium, Dissolved	9.5	0.10	mg/l	6010B	10/18/08	1
Potassium, Dissolved	2:1	0.50	mg/l	6010B	10/18/08	1
Sodium, Dissolved	30.	0.50	mg/l	6010B	10/18/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

October 19, 2008

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

ESC Sample # : L369805-04

Date Received : October 14, 2008
Description :

Site ID :

Sample ID : MW-2-08102008

Project # : 0810189

Collected By :
Collection Date : 10/08/08 15:17

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	10/15/08	1
Arsenic	0.028	0.020	mg/l	6010B	10/16/08	1
Barium	0.068	0.0050	mg/l	6010B	10/16/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/16/08	1
Chromium	BDL	0.010	mg/l	6010B	10/16/08	1
Lead	BDL	0.0050	mg/l	6010B	10/16/08	1
Selenium	BDL	0.020	mg/l	6010B	10/16/08	1
Silver	BDL	0.010	mg/l	6010B	10/16/08	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L369805-04	WG388609	SAMP	Silver	R502725	J6J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAP. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy** - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision** - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate** - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC** - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: 0810189-02CMSD		MSD	Batch ID: R30624 Analysis Date: 10/9/2008 6:18:14 PM						
Fluoride	2.094	mg/L	0.10	104	65.1	121	6.38	20	
Nitrogen, Nitrite (As N)	1.209	mg/L	0.10	121	52.9	128	12.7	20	
Bromide	2.725	mg/L	0.10	99.7	75.6	132	3.89	20	
Nitrogen, Nitrate (As N)	4.851	mg/L	0.10	93.5	83.8	112	2.60	20	
Phosphorus, Orthophosphate (As P)	4.920	mg/L	0.50	98.4	77.6	118	1.98	20	
Sulfate	67.99	mg/L	0.50	68.9	59.4	126	0.426	20	
Sample ID: MB		MBLK	Batch ID: R30624 Analysis Date: 10/9/2008 10:28:10 AM						
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		LCS	Batch ID: R30624 Analysis Date: 10/9/2008 10:45:35 AM						
Fluoride	0.5012	mg/L	0.10	100	90	110			
Chloride	5.034	mg/L	0.10	101	90	110			
Nitrogen, Nitrite (As N)	1.034	mg/L	0.10	103	90	110			
Bromide	2.605	mg/L	0.10	104	90	110			
Nitrogen, Nitrate (As N)	2.562	mg/L	0.10	102	90	110			
Phosphorus, Orthophosphate (As P)	5.087	mg/L	0.50	102	90	110			
Sulfate	10.34	mg/L	0.50	103	90	110			
Sample ID: 0810189-02CMS		MS	Batch ID: R30624 Analysis Date: 10/9/2008 6:00:49 PM						
Fluoride	1.965	mg/L	0.10	78.5	65.1	121			
Nitrogen, Nitrite (As N)	1.066	mg/L	0.10	107	52.9	128			
Bromide	2.833	mg/L	0.10	104	75.6	132			
Nitrogen, Nitrate (As N)	4.727	mg/L	0.10	88.5	83.8	112			
Phosphorus, Orthophosphate (As P)	4.824	mg/L	0.50	96.5	77.6	118			
Sulfate	67.71	mg/L	0.50	68.0	59.4	126			

Method: SM 2320B: Alkalinity

Sample ID: MB		MBLK	Batch ID: R30667 Analysis Date: 10/13/2008						
Alkalinity, Total (As CaCO3)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						
Sample ID: LCS		LCS	Batch ID: R30667 Analysis Date: 10/13/2008						
Alkalinity, Total (As CaCO3)	83.00	mg/L CaC	20	104	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-17372

MBLK

Batch ID: 17372 Analysis Date: 10/15/2008

Acenaphthene	ND	µg/L	10
Acenaphthylene	ND	µg/L	10
Aniline	ND	µg/L	10
Anthracene	ND	µg/L	10
Azobenzene	ND	µg/L	10
Benz(a)anthracene	ND	µg/L	10
Benzo(a)pyrene	ND	µg/L	10
Benzo(b)fluoranthene	ND	µg/L	10
Benzo(g,h,i)perylene	ND	µg/L	10
Benzo(k)fluoranthene	ND	µg/L	10
Benzoic acid	ND	µg/L	20
Benzyl alcohol	ND	µg/L	10
Bis(2-chloroethoxy)methane	ND	µg/L	10
Bis(2-chloroethyl)ether	ND	µg/L	10
Bis(2-chloroisopropyl)ether	ND	µg/L	10
Bis(2-ethylhexyl)phthalate	ND	µg/L	10
4-Bromophenyl phenyl ether	ND	µg/L	10
Butyl benzyl phthalate	ND	µg/L	10
Carbazole	ND	µg/L	10
4-Chloro-3-methylphenol	ND	µg/L	10
4-Chloroaniline	ND	µg/L	10
2-Chloronaphthalene	ND	µg/L	10
2-Chlorophenol	ND	µg/L	10
4-Chlorophenyl phenyl ether	ND	µg/L	10
Chrysene	ND	µg/L	10
Di-n-butyl phthalate	ND	µg/L	10
Di-n-octyl phthalate	ND	µg/L	10
Dibenz(a,h)anthracene	ND	µg/L	10
Dibenzofuran	ND	µg/L	10
1,2-Dichlorobenzene	ND	µg/L	5.0
1,3-Dichlorobenzene	ND	µg/L	10
1,4-Dichlorobenzene	ND	µg/L	5.0
3,3'-Dichlorobenzidine	ND	µg/L	10
Diethyl phthalate	ND	µg/L	10
Dimethyl phthalate	ND	µg/L	10
2,4-Dichlorophenol	ND	µg/L	20
2,4-Dimethylphenol	ND	µg/L	10
4,6-Dinitro-2-methylphenol	ND	µg/L	20
2,4-Dinitrophenol	ND	µg/L	5.0
2,4-Dinitrotoluene	ND	µg/L	5.0
2,6-Dinitrotoluene	ND	µg/L	10
Fluoranthene	ND	µg/L	10
Fluorene	ND	µg/L	10
Hexachlorobenzene	ND	µg/L	5.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-17372 MBLK Batch ID: 17372 Analysis Date: 10/15/2008

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	5.0
Benzo(1,2,3-cd)pyrene	ND	µg/L	10
Chlorophene	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
1-Methylphenol	ND	µg/L	5.0
4-Methylphenol	ND	µg/L	5.0
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
Nitroaniline	ND	µg/L	10
Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	5.0
1-Nitrophenol	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	5.0
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	5.0
2,4-Trichlorobenzene	ND	µg/L	10
1,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-17372 LCS Batch ID: 17372 Analysis Date: 10/15/2008

Naphthalene	65.80	µg/L	10	65.8	11	123
4-Chloro-3-methylphenol	73.36	µg/L	10	73.4	15.4	119
2-Chlorophenol	74.00	µg/L	10	74.0	12.2	122
1-Dichlorobenzene	66.30	µg/L	10	66.3	16.9	100
2,4-Dinitrotoluene	67.48	µg/L	10	67.5	13	138
N-Nitrosodi-n-propylamine	80.08	µg/L	10	80.1	9.93	122
1-Nitrophenol	57.32	µg/L	10	57.3	12.5	87.4
1,5-Trichlorophenol	62.28	µg/L	20	62.3	3.55	114
Phenol	62.02	µg/L	10	62.0	7.53	73.1
Pyrene	78.34	µg/L	10	78.3	12.6	140
2,4-Trichlorobenzene	69.12	µg/L	10	69.1	17.4	98.7

Method: SM 2540C Total Dissolved Solids

Sample ID: MB-17325 MBLK Batch ID: 17325 Analysis Date: 10/10/2008

Total Dissolved Solids ND mg/L 20

Sample ID: LCS-17325 LCS Batch ID: 17325 Analysis Date: 10/10/2008

Total Dissolved Solids 1034 mg/L 20 102 80 120

Qualifiers:

- | | | | |
|---|--|----|--|
| F | Value above quantitation range | H | Holding times for preparation or analysis exceeded |
| | Analyte detected below quantitation limits | ND | Not Detected at the Reporting Limit |
| R | RPD outside accepted recovery limits | S | Spike recovery outside accepted recovery limits |

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	------	----------	-----------	------	----------	------

Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R30631 Analysis Date: 10/10/2008 2:46:13 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R30631 Analysis Date: 10/10/2008 2:46:13 PM

Methyl-2-pentanone	ND	µg/L	10
1,1-Dichloroethene	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
2,4-Trichlorobenzene	ND	µg/L	1.0
1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Alkenes, Total	ND	µg/L	1.5

Sample ID: b5

MBLK

Batch ID: R30631 Analysis Date: 10/11/2008 3:32:43 AM

Benzene	ND	µg/L	1.0
o-Xylene	ND	µg/L	1.0
m-Xylene	ND	µg/L	1.0
p-Xylene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
2,4-Dimethylbenzene	ND	µg/L	1.0
3,5-Dimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
o-Xylene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Dimethoxyethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
I	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R30631 Analysis Date: 10/11/2008 3:32:43 AM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng Ics

LCS

Batch ID: R30631 Analysis Date: 10/10/2008 4:02:11 PM

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0810189

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 100ng Ics

LCS

Batch ID: R30631

Analysis Date: 10/10/2008 4:02:11 PM

benzene	20.68	µg/L	1.0	103	88	116			
Toluene	19.92	µg/L	1.0	99.6	82.9	112			
Chlorobenzene	22.47	µg/L	1.0	112	71.4	133			
1,1-Dichloroethene	20.86	µg/L	1.0	104	97.9	140			
1,1,1-trichloroethene (TCE)	19.16	µg/L	1.0	95.8	90.5	112			

Sample ID: 100ng Ics

LCS

Batch ID: R30631

Analysis Date: 10/11/2008 4:30:21 AM

benzene	20.74	µg/L	1.0	104	88	116			
Toluene	19.50	µg/L	1.0	97.5	82.9	112			
Chlorobenzene	21.78	µg/L	1.0	109	71.4	133			
1,1-Dichloroethene	23.28	µg/L	1.0	116	97.9	140			
1,1,1-trichloroethene (TCE)	18.46	µg/L	1.0	92.3	90.5	112			

Qualifiers:

E Value above quantitation range
Analyte detected below quantitation limits
RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

10/9/2008

Work Order Number 0810189

Received by: ARS

Checklist completed by:

Signature

Date

Sample ID labels checked by:

Initials

Matrix:

Carrier name Greyhound

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒

No ☐

Not Present ☐

Not Shipped ☐

Custody seals intact on sample bottles?

Yes ☐

No ☐

N/A ☒

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Water - VOA vials have zero headspace?

No VOA vials submitted ☐

Yes ☒

No ☐

Water - Preservation labels on bottle and cap match?

Yes ☒

No ☐

N/A ☐

Water - pH acceptable upon receipt?

Yes ☒

No ☐

N/A ☐

Container/Temp Blank temperature?

3°

<6° C Acceptable

If given sufficient time to cool.

COMMENTS:

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975
Fax 505-345-4107

[illegible]

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

July 23, 2008



COVER LETTER

Wednesday, July 23, 2008

Roger Schnabel
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0807138

Dear Roger Schnabel:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 7/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a horizontal line.

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-01

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 7/11/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Toluene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Ethylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Naphthalene	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/14/2008 11:57:29 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/14/2008 11:57:29 PM
Acetone	ND	10		µg/L	1	7/14/2008 11:57:29 PM
Bromobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Bromoform	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Bromomethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
2-Butanone	ND	10		µg/L	1	7/14/2008 11:57:29 PM
Carbon disulfide	ND	10		µg/L	1	7/14/2008 11:57:29 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Chlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Chloroethane	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
Chloroform	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Chloromethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Dibromomethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
2-Hexanone	ND	10		µg/L	1	7/14/2008 11:57:29 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
B Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management Client Sample ID: TRIP BLANK
 Lab Order: 0807138 Collection Date:
 Project: Hobbs Generating Station Date Received: 7/11/2008
 Lab ID: 0807138-01 Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/14/2008 11:57:29 PM
Methylene Chloride	ND	3.0		µg/L	1	7/14/2008 11:57:29 PM
n-Butylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Styrene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/14/2008 11:57:29 PM
Vinyl chloride	ND	1.0		µg/L	1	7/14/2008 11:57:29 PM
Xylenes, Total	ND	1.5		µg/L	1	7/14/2008 11:57:29 PM
Surr: 1,2-Dichloroethane-d4	96.7	68.1-123		%REC	1	7/14/2008 11:57:29 PM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	7/14/2008 11:57:29 PM
Surr: Dibromofluoromethane	96.1	68.5-119		%REC	1	7/14/2008 11:57:29 PM
Surr: Toluene-d8	99.9	64-131		%REC	1	7/14/2008 11:57:29 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-02

Client Sample ID: MW3-071008
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	7/11/2008 7:55:21 PM
Chloride	30	0.10		mg/L	1	7/11/2008 7:55:21 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	7/11/2008 7:55:21 PM
Bromide	0.23	0.10		mg/L	1	7/11/2008 7:55:21 PM
Nitrogen, Nitrate (As N)	3.1	0.10		mg/L	1	7/11/2008 7:55:21 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	7/11/2008 7:55:21 PM
Sulfate	55	0.50		mg/L	1	7/11/2008 7:55:21 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:26:32 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	62	1.0		mg/L	1	7/14/2008 5:11:03 PM
Magnesium	10	1.0		mg/L	1	7/14/2008 5:11:03 PM
Potassium	2.3	1.0		mg/L	1	7/14/2008 5:11:03 PM
Sodium	34	1.0		mg/L	1	7/14/2008 5:11:03 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	7/22/2008 5:16:38 PM
Barium	0.060	0.020		mg/L	1	7/22/2008 5:16:38 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:16:38 PM
Chromium	ND	0.0080		mg/L	1	7/22/2008 5:16:38 PM
Lead	ND	0.0050		mg/L	1	7/22/2008 5:16:38 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:16:38 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:16:38 PM
EPA METHOD 8270C: SEMI-VOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benz(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzoic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-02

Client Sample ID: MW3-071008
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-02

Client Sample ID: MW3-071008
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	45.5	16.6-150		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	52.9	19.6-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	27.7	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	46.5	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	49.7	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	19.7	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Toluene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Ethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Naphthalene	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 12:26:14 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 12:26:14 AM
Acetone	ND	10		µg/L	1	7/15/2008 12:26:14 AM
Bromobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Bromoform	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Bromomethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
2-Butanone	ND	10		µg/L	1	7/15/2008 12:26:14 AM
Carbon disulfide	ND	10		µg/L	1	7/15/2008 12:26:14 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Chlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Chloroethane	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-02

Client Sample ID: MW3-071008
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Chloromethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Dibromomethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
2-Hexanone	ND	10		µg/L	1	7/15/2008 12:26:14 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2008 12:26:14 AM
Methylene Chloride	ND	3.0		µg/L	1	7/15/2008 12:26:14 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Styrene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2008 12:26:14 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-02

Client Sample ID: MW3-071008
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	7/15/2008 12:26:14 AM
Xylenes, Total	ND	1.5		µg/L	1	7/15/2008 12:26:14 AM
Surr: 1,2-Dichloroethane-d4	97.8	68.1-123		%REC	1	7/15/2008 12:26:14 AM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	7/15/2008 12:26:14 AM
Surr: Dibromofluoromethane	100	68.5-119		%REC	1	7/15/2008 12:26:14 AM
Surr: Toluene-d8	101	64-131		%REC	1	7/15/2008 12:26:14 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/21/2008
Carbonate	ND	2.0		mg/L CaCO3	1	7/21/2008
Bicarbonate	160	20		mg/L CaCO3	1	7/21/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	540	0.010		µmhos/cm	1	7/14/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	360	20		mg/L	1	7/11/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-03

Client Sample ID: MW3-071008 DUP
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	7/11/2008 8:30:11 PM
Chloride	30	0.10		mg/L	1	7/11/2008 8:30:11 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	7/11/2008 8:30:11 PM
Bromide	0.28	0.10		mg/L	1	7/11/2008 8:30:11 PM
Nitrogen, Nitrate (As N)	3.0	0.10		mg/L	1	7/11/2008 8:30:11 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	7/11/2008 8:30:11 PM
Sulfate	55	0.50		mg/L	1	7/11/2008 8:30:11 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:28:17 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	62	1.0		mg/L	1	7/14/2008 5:13:59 PM
Magnesium	10	1.0		mg/L	1	7/14/2008 5:13:59 PM
Potassium	2.2	1.0		mg/L	1	7/14/2008 5:13:59 PM
Sodium	33	1.0		mg/L	1	7/14/2008 5:13:59 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	7/22/2008 5:19:39 PM
Barium	0.058	0.020		mg/L	1	7/22/2008 5:19:39 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:19:39 PM
Chromium	ND	0.0060		mg/L	1	7/22/2008 5:19:39 PM
Lead	ND	0.0050		mg/L	1	7/22/2008 5:19:39 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:19:39 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:19:39 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benz(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzoic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-03

Client Sample ID: MW3-071008 DUP
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-03

Client Sample ID: MW3-071008 DUP
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	60.2	16.6-150		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	54.2	19.6-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	40.3	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	53.9	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	49.9	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	27.3	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Toluene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Ethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Naphthalene	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 12:55:00 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 12:55:00 AM
Acetone	ND	10		µg/L	1	7/15/2008 12:55:00 AM
Bromobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Bromoform	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Bromomethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
2-Butanone	ND	10		µg/L	1	7/15/2008 12:55:00 AM
Carbon disulfide	ND	10		µg/L	1	7/15/2008 12:55:00 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Chlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Chloroethane	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-03

Client Sample ID: MW3-071008 DUP
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Chloromethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
cis-1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Dibromomethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
2-Hexanone	ND	10		µg/L	1	7/15/2008 12:55:00 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2008 12:55:00 AM
Methylene Chloride	ND	3.0		µg/L	1	7/15/2008 12:55:00 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Styrene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2008 12:55:00 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-03

Client Sample ID: MW3-071008 DUP
Collection Date: 7/10/2008 10:30:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8280B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	7/15/2008 12:55:00 AM
Xylenes, Total	ND	1.5		µg/L	1	7/15/2008 12:55:00 AM
Surr: 1,2-Dichloroethane-d4	95.8	58.1-123		%REC	1	7/15/2008 12:55:00 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	7/15/2008 12:55:00 AM
Surr: Dibromofluoromethane	95.8	68.5-119		%REC	1	7/15/2008 12:55:00 AM
Surr: Toluene-d8	99.2	64-131		%REC	1	7/15/2008 12:55:00 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/21/2008
Carbonate	ND	2.0		mg/L CaCO3	1	7/21/2008
Bicarbonate	160	20		mg/L CaCO3	1	7/21/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	550	0.010		µmhos/cm	1	7/14/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	350	20		mg/L	1	7/11/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

.B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-04

Client Sample ID: POND-071008
Collection Date: 7/10/2008 10:55:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	2.0	0.10		mg/L	1	7/11/2008 9:05:00 PM
Chloride	140	1.0		mg/L	10	7/11/2008 9:22:25 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	7/11/2008 9:05:00 PM
Bromide	0.68	0.10		mg/L	1	7/11/2008 9:05:00 PM
Nitrogen, Nitrate (As N)	1.4	0.10		mg/L	1	7/11/2008 9:05:00 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	7/11/2008 9:05:00 PM
Sulfate	140	5.0		mg/L	10	7/11/2008 9:22:25 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:30:02 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	70	1.0		mg/L	1	7/14/2008 5:25:53 PM
Magnesium	24	1.0		mg/L	1	7/14/2008 5:25:53 PM
Potassium	7.7	1.0		mg/L	1	7/14/2008 5:25:53 PM
Sodium	130	5.0		mg/L	5	7/14/2008 5:50:12 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	7/22/2008 5:22:41 PM
Barium	0.093	0.020		mg/L	1	7/22/2008 5:22:41 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:22:41 PM
Chromium	ND	0.0060		mg/L	1	7/22/2008 5:22:41 PM
Lead	ND	0.0050		mg/L	1	7/22/2008 5:22:41 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:22:41 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:22:41 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benz(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
B Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-04

Client Sample ID: POND-071008
Collection Date: 7/10/2008 10:55:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-04

Client Sample ID: POND-071008
Collection Date: 7/10/2008 10:55:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	57.2	16.6-150		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	64.5	19.6-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	43.0	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	52.3	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	62.3	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	29.2	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Toluene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Ethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Naphthalene	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 1:23:44 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 1:23:44 AM
Acetone	ND	10		µg/L	1	7/15/2008 1:23:44 AM
Bromobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Bromoform	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Bromomethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
2-Butanone	ND	10		µg/L	1	7/15/2008 1:23:44 AM
Carbon disulfide	ND	10		µg/L	1	7/15/2008 1:23:44 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Chlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Chloroethane	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-04

Client Sample ID: POND-071008
Collection Date: 7/10/2008 10:55:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	2.3	1.0		µg/L	1	7/15/2008 1:23:44 AM
Chloromethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Dibromomethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
2-Hexanone	ND	10		µg/L	1	7/15/2008 1:23:44 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2008 1:23:44 AM
Methylene Chloride	ND	3.0		µg/L	1	7/15/2008 1:23:44 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Styrene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2008 1:23:44 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-04

Client Sample ID: POND-071008
Collection Date: 7/10/2008 10:55:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	7/15/2008 1:23:44 AM
Xylenes, Total	ND	1.5		µg/L	1	7/15/2008 1:23:44 AM
Surr: 1,2-Dichloroethane-d4	98.7	68.1-123		%REC	1	7/15/2008 1:23:44 AM
Surr: 4-Bromofluorobenzene	109	53.2-145		%REC	1	7/15/2008 1:23:44 AM
Surr: Dibromofluoromethane	101	68.5-119		%REC	1	7/15/2008 1:23:44 AM
Surr: Toluene-d8	101	64-131		%REC	1	7/15/2008 1:23:44 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	220	20		mg/L CaCO3	1	7/21/2008
Carbonate	24	2.0		mg/L CaCO3	1	7/21/2008
Bicarbonate	190	20		mg/L CaCO3	1	7/21/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	1100	0.010		µmhos/cm	1	7/14/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	760	20		mg/L	1	7/11/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-05

Client Sample ID: MW2-071008
Collection Date: 7/10/2008 11:15:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	7/11/2008 9:39:49 PM
Chloride	23	0.10		mg/L	1	7/11/2008 9:39:49 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	7/11/2008 9:39:49 PM
Bromide	0.24	0.10		mg/L	1	7/11/2008 9:39:49 PM
Nitrogen, Nitrate (As N)	2.6	0.10		mg/L	1	7/11/2008 9:39:49 PM
Phosphorus, Orthophosphate (As P)	ND	0.60		mg/L	1	7/11/2008 9:39:49 PM
Sulfate	48	0.50		mg/L	1	7/11/2008 9:39:49 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:31:48 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	58	1.0		mg/L	1	7/14/2008 5:28:54 PM
Magnesium	9.7	1.0		mg/L	1	7/14/2008 5:28:54 PM
Potassium	2.1	1.0		mg/L	1	7/14/2008 5:28:54 PM
Sodium	29	1.0		mg/L	1	7/14/2008 5:28:54 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	7/22/2008 5:36:15 PM
Barium	0.062	0.020		mg/L	1	7/22/2008 5:36:15 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:36:15 PM
Chromium	ND	0.0060		mg/L	1	7/22/2008 5:36:15 PM
Lead	ND	0.0050		mg/L	1	7/22/2008 5:36:15 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:36:16 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:36:15 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benz(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzoic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-05

Client Sample ID: MW2-071008
Collection Date: 7/10/2008 11:15:00 AM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
 Lab Order: 0807138
 Project: Hobbs Generating Station
 Lab ID: 0807138-05

Client Sample ID: MW2-071008
 Collection Date: 7/10/2008 11:15:00 AM
 Date Received: 7/11/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	40.1	16.6-160		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	45.0	19.6-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	22.4	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	37.3	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	42.0	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	17.0	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Toluene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Ethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Naphthalene	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 1:52:32 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 1:52:32 AM
Acetone	ND	10		µg/L	1	7/15/2008 1:52:32 AM
Bromobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Bromoform	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Bromomethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
2-Butanone	ND	10		µg/L	1	7/15/2008 1:52:32 AM
Carbon disulfide	ND	10		µg/L	1	7/15/2008 1:52:32 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Chlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Chloroethane	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
 Lab Order: 0807138
 Project: Hobbs Generating Station
 Lab ID: 0807138-05

Client Sample ID: MW2-071008
 Collection Date: 7/10/2008 11:15:00 AM
 Date Received: 7/11/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Chloromethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Dibromomethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
2-Hexanone	ND	10		µg/L	1	7/15/2008 1:52:32 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2008 1:52:32 AM
Methylene Chloride	ND	3.0		µg/L	1	7/15/2008 1:52:32 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Styrene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2008 1:52:32 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT:	Colorado Energy Management	Client Sample ID:	MW2-071008
Lab Order:	0807138	Collection Date:	7/10/2008 11:15:00 AM
Project:	Hobbs Generating Station	Date Received:	7/11/2008
Lab ID:	0807138-05	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	7/15/2008 1:52:32 AM
Xylenes, Total	ND	1.5		µg/L	1	7/15/2008 1:52:32 AM
Surr: 1,2-Dichloroethane-d4	98.9	68.1-123		%REC	1	7/15/2008 1:52:32 AM
Surr: 4-Bromofluorobenzene	114	53.2-145		%REC	1	7/15/2008 1:52:32 AM
Surr: Dibromofluoromethane	98.2	68.5-119		%REC	1	7/15/2008 1:52:32 AM
Surr: Toluene-d8	99.6	64-131		%REC	1	7/15/2008 1:52:32 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/21/2008
Carbonate	ND	2.0		mg/L CaCO3	1	7/21/2008
Bicarbonate	160	20		mg/L CaCO3	1	7/21/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	510	0.010		µmhos/cm	1	7/14/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	350	20		mg/L	1	7/16/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-06

Client Sample ID: MW1-071008
Collection Date: 7/10/2008 12:00:00 PM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.5	0.10		mg/L	1	7/11/2008 10:14:39 PM
Chloride	19	0.10		mg/L	1	7/11/2008 10:14:39 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	7/11/2008 10:14:39 PM
Bromide	0.16	0.10		mg/L	1	7/11/2008 10:14:39 PM
Nitrogen, Nitrate (As N)	3.7	0.10		mg/L	1	7/11/2008 10:14:39 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	7/11/2008 10:14:39 PM
Sulfate	48	0.50		mg/L	1	7/11/2008 10:14:39 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:33:34 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: TES
Calcium	58	1.0		mg/L	1	7/14/2008 5:31:50 PM
Magnesium	10	1.0		mg/L	1	7/14/2008 5:31:50 PM
Potassium	2.0	1.0		mg/L	1	7/14/2008 5:31:50 PM
Sodium	30	1.0		mg/L	1	7/14/2008 5:31:50 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	7/22/2008 5:39:19 PM
Barium	0.095	0.020		mg/L	1	7/22/2008 5:39:19 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:39:19 PM
Chromium	ND	0.0060		mg/L	1	7/22/2008 5:39:19 PM
Lead	0.0086	0.0050		mg/L	1	7/22/2008 5:39:19 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:39:19 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:39:19 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benzo(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzoic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-06

Client Sample ID: MW1-071008
Collection Date: 7/10/2008 12:00:00 PM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-06

Client Sample ID: MW1-071008
Collection Date: 7/10/2008 12:00:00 PM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	62.2	16.6-150		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	61.0	19.8-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	38.8	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	56.7	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	56.2	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	28.0	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Toluene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Ethylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Naphthalene	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 2:21:20 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2008 2:21:20 AM
Acetone	ND	10		µg/L	1	7/15/2008 2:21:20 AM
Bromobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Bromoform	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Bromomethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
2-Butanone	ND	10		µg/L	1	7/15/2008 2:21:20 AM
Carbon disulfide	ND	10		µg/L	1	7/15/2008 2:21:20 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Chlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Chloroethane	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-06

Client Sample ID: MW1-071008
Collection Date: 7/10/2008 12:00:00 PM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroform	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Chloromethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Dibromomethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
2-Hexanone	ND	10		µg/L	1	7/15/2008 2:21:20 AM
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2008 2:21:20 AM
Methylene Chloride	ND	3.0		µg/L	1	7/15/2008 2:21:20 AM
n-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Styrene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2008 2:21:20 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 23-Jul-08

CLIENT: Colorado Energy Management
Lab Order: 0807138
Project: Hobbs Generating Station
Lab ID: 0807138-06

Client Sample ID: MW1-071008
Collection Date: 7/10/2008 12:00:00 PM
Date Received: 7/11/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Vinyl chloride	ND	1.0		µg/L	1	7/15/2008 2:21:20 AM
Xylenes, Total	ND	1.5		µg/L	1	7/15/2008 2:21:20 AM
Surr: 1,2-Dichloroethane-d4	96.9	88.1-123		%REC	1	7/15/2008 2:21:20 AM
Surr: 4-Bromofluorobenzene	114	53.2-145		%REC	1	7/15/2008 2:21:20 AM
Surr: Dibromofluoromethane	98.3	68.5-119		%REC	1	7/15/2008 2:21:20 AM
Surr: Toluene-d8	102	64-131		%REC	1	7/15/2008 2:21:20 AM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	7/21/2008
Carbonate	ND	2.0		mg/L CaCO3	1	7/21/2008
Bicarbonate	160	20		mg/L CaCO3	1	7/21/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	500	0.010		µmhos/cm	1	7/14/2008
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	340	20		mg/L	1	7/16/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB

MBLK

Batch ID: R29305 Analysis Date: 7/11/2008 9:11:11 AM

Fluoride	ND	mg/L	0.10
Chloride	ND	mg/L	0.10
Nitrogen, Nitrite (As N)	ND	mg/L	0.10
Bromide	ND	mg/L	0.10
Nitrogen, Nitrate (As N)	ND	mg/L	0.10
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50
Sulfate	ND	mg/L	0.50

Sample ID: LCS

LCS

Batch ID: R29305 Analysis Date: 7/11/2008 9:28:36 AM

Fluoride	0.4940	mg/L	0.10	98.8	90	110
Chloride	5.159	mg/L	0.10	103	90	110
Nitrogen, Nitrite (As N)	0.9123	mg/L	0.10	91.2	90	110
Bromide	2.674	mg/L	0.10	107	90	110
Nitrogen, Nitrate (As N)	2.694	mg/L	0.10	108	90	110
Phosphorus, Orthophosphate (As P)	4.934	mg/L	0.50	98.7	90	110
Sulfate	10.55	mg/L	0.50	106	90	110

Method: SM 2320B: Alkalinity

Sample ID: MB

MBLK

Batch ID: R29409 Analysis Date: 7/21/2008

Alkalinity, Total (As CaCO3)	ND	mg/L CaC	20
Carbonate	ND	mg/L CaC	2.0
Bicarbonate	ND	mg/L CaC	20

Sample ID: LCS

LCS

Batch ID: R29409 Analysis Date: 7/21/2008

Alkalinity, Total (As CaCO3)	81.00	mg/L CaC	20	100	80	120
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Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-16470

MBLK

Batch ID: 16470 Analysis Date: 7/21/2008

Acenaphthene	ND	µg/L	10
Acenaphthylene	ND	µg/L	10
Aniline	ND	µg/L	10
Anthracene	ND	µg/L	10
Azobenzene	ND	µg/L	10
Benz(a)anthracene	ND	µg/L	10
Benzo(a)pyrene	ND	µg/L	10
Benzo(b)fluoranthene	ND	µg/L	10
Benzo(g,h,i)perylene	ND	µg/L	10
Benzo(k)fluoranthene	ND	µg/L	10
Benzoic acid	ND	µg/L	20
Benzyl alcohol	ND	µg/L	10
Bis(2-chloroethoxy)methane	ND	µg/L	10
Bis(2-chloroethyl)ether	ND	µg/L	10
Bis(2-chloroisopropyl)ether	ND	µg/L	10
Bis(2-ethylhexyl)phthalate	ND	µg/L	10
4-Bromophenyl phenyl ether	ND	µg/L	10
Butyl benzyl phthalate	ND	µg/L	10
Carbazole	ND	µg/L	10
4-Chloro-3-methylphenol	ND	µg/L	10
4-Chloroaniline	ND	µg/L	10
2-Chloronaphthalene	ND	µg/L	10
2-Chlorophenol	ND	µg/L	10
4-Chlorophenyl phenyl ether	ND	µg/L	10
Chrysene	ND	µg/L	10
Di-n-butyl phthalate	ND	µg/L	10
Di-n-octyl phthalate	ND	µg/L	10
Dibenz(a,h)anthracene	ND	µg/L	10
Dibenzofuran	ND	µg/L	10
1,2-Dichlorobenzene	ND	µg/L	10
1,3-Dichlorobenzene	ND	µg/L	10
1,4-Dichlorobenzene	ND	µg/L	10
3,3'-Dichlorobenzidine	ND	µg/L	10
Diethyl phthalate	ND	µg/L	10
Dimethyl phthalate	ND	µg/L	10
2,4-Dichlorophenol	ND	µg/L	20
2,4-Dimethylphenol	ND	µg/L	10
4,6-Dinitro-2-methylphenol	ND	µg/L	20
2,4-Dinitrophenol	ND	µg/L	20
2,4-Dinitrotoluene	ND	µg/L	10
2,6-Dinitrotoluene	ND	µg/L	10
Fluoranthene	ND	µg/L	10
Fluorene	ND	µg/L	10
Hexachlorobenzene	ND	µg/L	10

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-16470 MBLK Batch ID: 16470 Analysis Date: 7/21/2008

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	10
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	10
3+4-Methylphenol	ND	µg/L	10
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	20
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	10
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: fcs-16470 LCS Batch ID: 16470 Analysis Date: 7/21/2008

Acenaphthene	43.40	µg/L	10	43.4	11	123
4-Chloro-3-methylphenol	73.82	µg/L	10	36.9	15.4	119
2-Chlorophenol	73.04	µg/L	10	36.5	12.2	122
1,4-Dichlorobenzene	35.34	µg/L	10	35.3	16.9	100
2,4-Dinitrotoluene	40.60	µg/L	10	40.6	13	138
N-Nitrosodi-n-propylamine	42.92	µg/L	10	42.9	9.93	122
4-Nitrophenol	43.74	µg/L	10	21.9	12.5	87.4
Pentachlorophenol	98.08	µg/L	20	42.4	3.55	114
Phenol	40.52	µg/L	10	20.3	7.53	73.1
Pyrene	41.88	µg/L	10	41.7	12.6	140
1,2,4-Trichlorobenzene	33.76	µg/L	10	33.8	17.4	98.7

Sample ID: lcsd-16470 LCSD Batch ID: 16470 Analysis Date: 7/21/2008

Acenaphthene	54.48	µg/L	10	54.5	11	123	22.8	30.5
4-Chloro-3-methylphenol	95.40	µg/L	10	47.7	15.4	119	25.5	28.8
2-Chlorophenol	94.42	µg/L	10	47.2	12.2	122	25.5	107
1,4-Dichlorobenzene	46.88	µg/L	10	46.9	16.9	100	28.1	62.1
2,4-Dinitrotoluene	53.26	µg/L	10	53.3	13	138	27.0	14.7

R

Qualifiers:

B	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16470	LCSD		Batch ID: 16470		Analysis Date: 7/21/2008				
N-Nitrosodi-n-propylamine	59.78	µg/L	10	59.8	9.93	122	32.8	30.3	R
4-Nitrophenol	63.64	µg/L	10	26.8	12.5	87.4	20.3	36.3	
Pentachlorophenol	128.0	µg/L	20	57.4	3.55	114	26.5	49	
Phenol	61.24	µg/L	10	25.6	7.53	73.1	23.4	52.4	
Pyrene	62.74	µg/L	10	52.7	12.6	140	23.5	16.3	R
1,2,4-Trichlorobenzene	46.44	µg/L	10	46.4	17.4	98.7	31.6	36.4	

Method: EPA Method 7470: Mercury

Sample ID: MB-16525	MBLK		Batch ID: 16525		Analysis Date: 7/20/2008 4:23:03 PM				
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16525	LCS		Batch ID: 16525		Analysis Date: 7/20/2008 4:24:47 PM				
Mercury	0.005159	mg/L	0.00020	102	80	120			

Method: EPA Method 6010B: Dissolved Metals

Sample ID: 0807138-06DMSD	MSD		Batch ID: R29321		Analysis Date: 7/14/2008 5:39:22 PM				
Magnesium	58.81	mg/L	1.0	96.4	75	125	0.0711	20	
Potassium	50.02	mg/L	1.0	87.2	75	125	1.76	20	
Sample ID: 0807138-06D MSD	MSD		Batch ID: R29358		Analysis Date: 7/16/2008 1:54:46 PM				
Calcium	96.10	mg/L	5.0	77.4	75	125	0.710	20	
Sample ID: MB	MBLK		Batch ID: R29321		Analysis Date: 7/14/2008 3:57:16 PM				
Calcium	ND	mg/L	1.0						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	1.0						
Sample ID: LCS	LCS		Batch ID: R29321		Analysis Date: 7/14/2008 4:00:11 PM				
Calcium	52.38	mg/L	1.0	104	80	120			
Magnesium	52.76	mg/L	1.0	104	80	120			
Potassium	55.25	mg/L	1.0	100	80	120			
Sodium	56.28	mg/L	1.0	111	80	120			
Sample ID: 0807138-06DMS	MS		Batch ID: R29321		Analysis Date: 7/14/2008 5:34:44 PM				
Magnesium	58.85	mg/L	1.0	96.5	75	125			
Potassium	49.15	mg/L	1.0	85.7	75	125			
Sample ID: 0807138-06D MS	MS		Batch ID: R29358		Analysis Date: 7/16/2008 1:52:29 PM				
Calcium	96.78	mg/L	5.0	78.8	75	125			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA 8010B: Total Recoverable Metals

Sample ID: MB-16544

MBLK

Batch ID: 16544

Analysis Date: 7/22/2008 4:50:05 PM

Arsenic	ND	mg/L	0.020
Barium	ND	mg/L	0.010
Cadmium	ND	mg/L	0.0020
Chromium	ND	mg/L	0.0060
Lead	ND	mg/L	0.0050
Selenium	ND	mg/L	0.050
Silver	ND	mg/L	0.0050

Sample ID: LCS-16544

LCS

Batch ID: 16544

Analysis Date: 7/22/2008 4:53:07 PM

Arsenic	0.4959	mg/L	0.020	99.2	80	120
Barium	0.4694	mg/L	0.010	93.9	80	120
Cadmium	0.4924	mg/L	0.0020	98.5	80	120
Chromium	0.4889	mg/L	0.0060	97.4	80	120
Lead	0.4890	mg/L	0.0050	97.8	80	120
Selenium	0.4865	mg/L	0.050	97.3	80	120
Silver	0.4815	mg/L	0.0050	96.3	80	120

Method: SM 2540C Total Dissolved Solids

Sample ID: MB-16462

MBLK

Batch ID: 16462

Analysis Date: 7/11/2008

Total Dissolved Solids	ND	mg/L	20
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Sample ID: MB-16489

MBLK

Batch ID: 16489

Analysis Date: 7/16/2008

Total Dissolved Solids	ND	mg/L	20
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Sample ID: LCS-16462

LCS

Batch ID: 16462

Analysis Date: 7/11/2008

Total Dissolved Solids	1008	mg/L	20	101	80	120
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Sample ID: LCS-16489

LCS

Batch ID: 16489

Analysis Date: 7/16/2008

Total Dissolved Solids	1030	mg/L	20	101	80	120
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Qualifiers:

E Value above quantitation range

H Holding times for preparation or analysis exceeded

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

R RPD outside accepted recovery limits

S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R29323 Analysis Date: 7/14/2008 10:02:25 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0807138

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R29323 Analysis Date: 7/14/2008 10:02:25 PM

4-Methyl-2-pentanone	ND	µg/L	1.0
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng lcs

LCS

Batch ID: R29323 Analysis Date: 7/14/2008 11:00:00 PM

Benzene	21.61	µg/L	1.0	108	86.8	120
Toluene	19.32	µg/L	1.0	96.6	84.1	127
Chlorobenzene	21.22	µg/L	1.0	106	82.4	113
1,1-Dichloroethene	25.05	µg/L	1.0	125	86.5	132
Trichloroethene (TCE)	20.90	µg/L	1.0	104	77.3	123

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

7/11/2008

Work Order Number 0807138

Received by: TLS

Checklist completed by:

Amya Sharma
Signature

7/11/08
Date

Sample ID labels checked by:

TS
Initials

Matrix:

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐ Not Shipped ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
Container/Temp Blank temperature?	2°	<6° C Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

April 22, 2008

COVER LETTER

Tuesday, April 22, 2008

Roger Schnabel
Colorado Energy Management
98 N Twombly Lane
Hobbs, NM 88240

TEL: (575) 397-6706

FAX (575) 397-6793

RE: Hobbs Generating Station

Order No.: 0804109

Dear Roger Schnabel:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 4/10/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,



Andy Freeman, Business Manager

Nancy McDuffie, Laboratory Manager

NM-Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management

Client Sample ID: Trip Blank

Lab Order: 0804109

Collection Date:

Project: Hobbs Generating Station

Date Received: 4/10/2008

Lab ID: 0804109-01

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Toluene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Ethylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Naphthalene	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2008 8:41:44 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/18/2008 8:41:44 PM
Acetone	ND	10		µg/L	1	4/18/2008 8:41:44 PM
Bromobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Bromoform	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Bromomethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
2-Butanone	ND	10		µg/L	1	4/18/2008 8:41:44 PM
Carbon disulfide	ND	10		µg/L	1	4/18/2008 8:41:44 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Chlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Chloroethane	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
Chloroform	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Chloromethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Dibromomethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
2-Hexanone	ND	10		µg/L	1	4/18/2008 8:41:44 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Isopropylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/2008 8:41:44 PM
Methylene Chloride	ND	3.0		µg/L	1	4/18/2008 8:41:44 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Styrene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/2008 8:41:44 PM
Vinyl chloride	ND	1.0		µg/L	1	4/18/2008 8:41:44 PM
Xylenes, Total	ND	1.5		µg/L	1	4/18/2008 8:41:44 PM
Surr: 1,2-Dichloroethane-d4	108	68.1-123		%REC	1	4/18/2008 8:41:44 PM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	4/18/2008 8:41:44 PM
Surr: Dibromofluoromethane	95.7	68.5-119		%REC	1	4/18/2008 8:41:44 PM
Surr: Toluene-d8	102	64-131		%REC	1	4/18/2008 8:41:44 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-02

Client Sample ID: MW3-040908
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	4/10/2008 11:57:00 AM
Chloride	28	0.10		mg/L	1	4/10/2008 11:57:00 AM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/10/2008 11:57:00 AM
Bromide	0.34	0.10		mg/L	1	4/10/2008 11:57:00 AM
Nitrogen, Nitrate (As N)	3.0	0.10		mg/L	1	4/10/2008 11:57:00 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/10/2008 11:57:00 AM
Sulfate	55	0.50		mg/L	1	4/10/2008 11:57:00 AM

EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	4/17/2008 3:03:53 PM

EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	63	1.0		mg/L	1	4/14/2008 11:23:29 AM
Magnesium	10	1.0		mg/L	1	4/14/2008 11:23:29 AM
Potassium	2.4	1.0		mg/L	1	4/14/2008 11:23:29 AM
Sodium	34	1.0		mg/L	1	4/14/2008 11:23:29 AM

EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	4/12/2008 1:59:52 PM
Barium	0.062	0.020		mg/L	1	4/12/2008 1:59:52 PM
Cadmium	ND	0.0020		mg/L	1	4/12/2008 1:59:52 PM
Chromium	ND	0.0060		mg/L	1	4/12/2008 1:59:52 PM
Lead	ND	0.0050		mg/L	1	4/12/2008 1:59:52 PM
Selenium	ND	0.050		mg/L	1	4/12/2008 1:59:52 PM
Silver	ND	0.0050		mg/L	1	4/12/2008 1:59:52 PM

EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2008
Acenaphthylene	ND	10		µg/L	1	4/15/2008
Aniline	ND	10		µg/L	1	4/15/2008
Anthracene	ND	10		µg/L	1	4/15/2008
Azobenzene	ND	10		µg/L	1	4/15/2008
Benz(a)anthracene	ND	10		µg/L	1	4/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzoic acid	ND	20		µg/L	1	4/15/2008
Benzyl alcohol	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-02

Client Sample ID: MW3-040908
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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EPA METHOD 8270C: SEMIVOLATILES

Analyst: JDC

Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2008
Carbazole	ND	10		µg/L	1	4/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2008
4-Chloroaniline	ND	10		µg/L	1	4/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2008
2-Chlorophenol	ND	10		µg/L	1	4/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Chrysene	ND	10		µg/L	1	4/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2008
Dibenzofuran	ND	10		µg/L	1	4/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2008
Diethyl phthalate	ND	10		µg/L	1	4/15/2008
Dimethyl phthalate	ND	10		µg/L	1	4/15/2008
2,4-Dichlorophenol	ND	10		µg/L	1	4/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	4/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
Fluoranthene	ND	10		µg/L	1	4/15/2008
Fluorene	ND	10		µg/L	1	4/15/2008
Hexachlorobenzene	ND	10		µg/L	1	4/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2008
Hexachloroethane	ND	10		µg/L	1	4/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2008
Isophorone	ND	10		µg/L	1	4/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2008
2-Methylphenol	ND	10		µg/L	1	4/15/2008
3+4-Methylphenol	ND	10		µg/L	1	4/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2008
Naphthalene	ND	10		µg/L	1	4/15/2008
2-Nitroaniline	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-02

Client Sample ID: MW3-040908
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2008
4-Nitroaniline	ND	10		µg/L	1	4/15/2008
Nitrobenzene	ND	10		µg/L	1	4/15/2008
2-Nitrophenol	ND	10		µg/L	1	4/15/2008
4-Nitrophenol	ND	10		µg/L	1	4/15/2008
Pentachlorophenol	ND	20		µg/L	1	4/15/2008
Phenanthrene	ND	10		µg/L	1	4/15/2008
Phenol	ND	10		µg/L	1	4/15/2008
Pyrene	ND	10		µg/L	1	4/15/2008
Pyridine	ND	10		µg/L	1	4/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2008
Surr: 2,4,6-Tribromophenol	71.3	16.6-150		%REC	1	4/15/2008
Surr: 2-Fluorobiphenyl	74.8	19.6-134		%REC	1	4/15/2008
Surr: 2-Fluorophenol	48.8	9.54-113		%REC	1	4/15/2008
Surr: 4-Terphenyl-d14	54.7	22.7-145		%REC	1	4/15/2008
Surr: Nitrobenzene-d5	69.3	14.6-134		%REC	1	4/15/2008
Surr: Phenol-d5	45.6	10.7-80.3		%REC	1	4/15/2008

EPA METHOD 8260B: VOLATILES

Analyst: BDH

Benzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Toluene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Ethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Naphthalene	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 5:31:02 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 5:31:02 PM
Acetone	ND	10		µg/L	1	4/21/2008 5:31:02 PM
Bromobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Bromoform	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Bromomethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
2-Butanone	ND	10		µg/L	1	4/21/2008 5:31:02 PM
Carbon disulfide	ND	10		µg/L	1	4/21/2008 5:31:02 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Chlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Chloroethane	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-02

Client Sample ID: MW3-040908
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Chloroform	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Chloromethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Dibromomethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
2-Hexanone	ND	10		µg/L	1	4/21/2008 5:31:02 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/21/2008 5:31:02 PM
Methylene Chloride	ND	3.0		µg/L	1	4/21/2008 5:31:02 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Styrene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/21/2008 5:31:02 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management**Client Sample ID:** MW3-040908**Lab Order:** 0804109**Collection Date:** 4/9/2008 10:06:00 AM**Project:** Hobbs Generating Station**Date Received:** 4/10/2008**Lab ID:** 0804109-02**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	1.0		µg/L	1	4/21/2008 5:31:02 PM
Xylenes, Total	ND	1.5		µg/L	1	4/21/2008 5:31:02 PM
Surr: 1,2-Dichloroethane-d4	103	68.1-123		%REC	1	4/21/2008 5:31:02 PM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	1	4/21/2008 5:31:02 PM
Surr: Dibromofluoromethane	94.8	68.5-119		%REC	1	4/21/2008 5:31:02 PM
Surr: Toluene-d8	104	64-131		%REC	1	4/21/2008 5:31:02 PM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	4/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	4/15/2008
Bicarbonate	170	20		mg/L CaCO3	1	4/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TAF
Specific Conductance	540	0.010		µmhos/cm	1	4/11/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	360	20		mg/L	1	4/11/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-03

Client Sample ID: MW3-040908 DUP
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.3	0.10		mg/L	1	4/10/2008 12:31:50 PM
Chloride	28	0.10		mg/L	1	4/10/2008 12:31:50 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/10/2008 12:31:50 PM
Bromide	0.28	0.10		mg/L	1	4/10/2008 12:31:50 PM
Nitrogen, Nitrate (As N)	3.0	0.10		mg/L	1	4/10/2008 12:31:50 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/10/2008 12:31:50 PM
Sulfate	54	0.50		mg/L	1	4/10/2008 12:31:50 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	4/17/2008 3:05:43 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	63	1.0		mg/L	1	4/14/2008 11:26:32 AM
Magnesium	10	1.0		mg/L	1	4/14/2008 11:26:32 AM
Potassium	2.4	1.0		mg/L	1	4/14/2008 11:26:32 AM
Sodium	35	1.0		mg/L	1	4/14/2008 11:26:32 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	4/12/2008 2:02:23 PM
Barium	0.060	0.020		mg/L	1	4/12/2008 2:02:23 PM
Cadmium	ND	0.0020		mg/L	1	4/12/2008 2:02:23 PM
Chromium	ND	0.0060		mg/L	1	4/12/2008 2:02:23 PM
Lead	ND	0.0050		mg/L	1	4/12/2008 2:02:23 PM
Selenium	ND	0.050		mg/L	1	4/12/2008 2:02:23 PM
Silver	ND	0.0050		mg/L	1	4/12/2008 2:02:23 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2008
Acenaphthylene	ND	10		µg/L	1	4/15/2008
Aniline	ND	10		µg/L	1	4/15/2008
Anthracene	ND	10		µg/L	1	4/15/2008
Azobenzene	ND	10		µg/L	1	4/15/2008
Benz(a)anthracene	ND	10		µg/L	1	4/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzoic acid	ND	20		µg/L	1	4/15/2008
Benzyl alcohol	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-03

Client Sample ID: MW3-040908 DUP
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2008
Carbazole	ND	10		µg/L	1	4/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2008
4-Chloroaniline	ND	10		µg/L	1	4/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2008
2-Chlorophenol	ND	10		µg/L	1	4/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Chrysene	ND	10		µg/L	1	4/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2008
Dibenzofuran	ND	10		µg/L	1	4/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2008
Diethyl phthalate	ND	10		µg/L	1	4/15/2008
Dimethyl phthalate	ND	10		µg/L	1	4/15/2008
2,4-Dichlorophenol	ND	10		µg/L	1	4/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	4/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
Fluoranthene	ND	10		µg/L	1	4/15/2008
Fluorene	ND	10		µg/L	1	4/15/2008
Hexachlorobenzene	ND	10		µg/L	1	4/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2008
Hexachloroethane	ND	10		µg/L	1	4/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2008
Isophorone	ND	10		µg/L	1	4/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2008
2-Methylphenol	ND	10		µg/L	1	4/15/2008
3+4-Methylphenol	ND	10		µg/L	1	4/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2008
Naphthalene	ND	10		µg/L	1	4/15/2008
2-Nitroaniline	ND	10		µg/L	1	4/15/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-03

Client Sample ID: MW3-040908 DUP
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2008
4-Nitroaniline	ND	10		µg/L	1	4/15/2008
Nitrobenzene	ND	10		µg/L	1	4/15/2008
2-Nitrophenol	ND	10		µg/L	1	4/15/2008
4-Nitrophenol	ND	10		µg/L	1	4/15/2008
Pentachlorophenol	ND	20		µg/L	1	4/15/2008
Phenanthrene	ND	10		µg/L	1	4/15/2008
Phenol	ND	10		µg/L	1	4/15/2008
Pyrene	ND	10		µg/L	1	4/15/2008
Pyridine	ND	10		µg/L	1	4/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2008
Surr: 2,4,6-Tribromophenol	82.1	16.6-150		%REC	1	4/15/2008
Surr: 2-Fluorobiphenyl	94.1	19.6-134		%REC	1	4/15/2008
Surr: 2-Fluorophenol	62.8	9.54-113		%REC	1	4/15/2008
Surr: 4-Terphenyl-d14	51.1	22.7-145		%REC	1	4/15/2008
Surr: Nitrobenzene-d5	93.0	14.6-134		%REC	1	4/15/2008
Surr: Phenol-d5	57.1	10.7-80.3		%REC	1	4/15/2008

EPA METHOD 8260B: VOLATILES

Analyst: BDH

Benzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Toluene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Ethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Naphthalene	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 6:59:53 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 5:59:53 PM
Acetone	ND	10		µg/L	1	4/21/2008 5:59:53 PM
Bromobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Bromoform	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Bromomethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
2-Butanone	ND	10		µg/L	1	4/21/2008 5:59:53 PM
Carbon disulfide	ND	10		µg/L	1	4/21/2008 5:59:53 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Chlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Chloroethane	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-03

Client Sample ID: MW3-040908 DUP
Collection Date: 4/9/2008 10:06:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Chloroform	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Chloromethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Dibromomethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
2-Hexanone	ND	10		µg/L	1	4/21/2008 5:59:53 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/21/2008 5:59:53 PM
Methylene Chloride	ND	3.0		µg/L	1	4/21/2008 5:59:53 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Styrene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/21/2008 5:59:53 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT:	Colorado Energy Management	Client Sample ID:	MW3-040908 DUP
Lab Order:	0804109	Collection Date:	4/9/2008 10:06:00 AM
Project:	Hobbs Generating Station	Date Received:	4/10/2008
Lab ID:	0804109-03	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	1.0		µg/L	1	4/21/2008 5:59:53 PM
Xylenes, Total	ND	1.5		µg/L	1	4/21/2008 5:59:53 PM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	4/21/2008 5:59:53 PM
Surr: 4-Bromofluorobenzene	108	53.2-145		%REC	1	4/21/2008 5:59:53 PM
Surr: Dibromofluoromethane	99.8	68.5-119		%REC	1	4/21/2008 5:59:53 PM
Surr: Toluene-d8	102	64-131		%REC	1	4/21/2008 5:59:53 PM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	4/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	4/15/2008
Bicarbonate	170	20		mg/L CaCO3	1	4/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TAF
Specific Conductance	540	0.010		µmhos/cm	1	4/11/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	350	20		mg/L	1	4/11/2008

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL Reporting Limit
	S Spike recovery outside accepted recovery limits	

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-04

Client Sample ID: HGS-Pond
Collection Date: 4/9/2008 10:45:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	4.4	1.0		mg/L	10	4/10/2008 1:58:53 PM
Chloride	830	5.0		mg/L	50	4/11/2008 4:29:21 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	4/10/2008 1:58:53 PM
Bromide	8.3	0.10		mg/L	1	4/10/2008 1:41:29 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	4/10/2008 1:41:29 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/10/2008 1:41:29 PM
Sulfate	410	5.0		mg/L	10	4/10/2008 1:58:53 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	4/17/2008 3:11:17 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	190	10		mg/L	10	4/14/2008 2:49:39 PM
Magnesium	64	1.0		mg/L	1	4/14/2008 11:29:34 AM
Potassium	29	1.0		mg/L	1	4/14/2008 11:29:34 AM
Sodium	360	10		mg/L	10	4/14/2008 2:49:39 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	4/12/2008 2:15:11 PM
Barium	0.54	0.020		mg/L	1	4/12/2008 2:15:11 PM
Cadmium	ND	0.0020		mg/L	1	4/12/2008 2:15:11 PM
Chromium	ND	0.0080		mg/L	1	4/12/2008 2:15:11 PM
Lead	ND	0.0050		mg/L	1	4/12/2008 2:15:11 PM
Selenium	ND	0.050		mg/L	1	4/12/2008 2:15:11 PM
Silver	ND	0.0050		mg/L	1	4/18/2008 11:15:23 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2008
Acenaphthylene	ND	10		µg/L	1	4/15/2008
Aniline	ND	10		µg/L	1	4/15/2008
Anthracene	ND	10		µg/L	1	4/15/2008
Azobenzene	ND	10		µg/L	1	4/15/2008
Benz(a)anthracene	ND	10		µg/L	1	4/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzoic acid	ND	20		µg/L	1	4/15/2008
Benzyl alcohol	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2008

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management

Client Sample ID: HGS-Pond

Lab Order: 0804109

Collection Date: 4/9/2008 10:45:00 AM

Project: Hobbs Generating Station

Date Received: 4/10/2008

Lab ID: 0804109-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2008
Carbazole	ND	10		µg/L	1	4/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2008
4-Chloroaniline	ND	10		µg/L	1	4/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2008
2-Chlorophenol	ND	10		µg/L	1	4/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Chrysene	ND	10		µg/L	1	4/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2008
Dibenzofuran	ND	10		µg/L	1	4/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2008
Diethyl phthalate	ND	10		µg/L	1	4/15/2008
Dimethyl phthalate	ND	10		µg/L	1	4/15/2008
2,4-Dichlorophenol	ND	10		µg/L	1	4/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	4/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
Fluoranthene	ND	10		µg/L	1	4/15/2008
Fluorene	ND	10		µg/L	1	4/15/2008
Hexachlorobenzene	ND	10		µg/L	1	4/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2008
Hexachloroethane	ND	10		µg/L	1	4/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2008
Isophorone	ND	10		µg/L	1	4/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2008
2-Methylphenol	ND	10		µg/L	1	4/15/2008
3+4-Methylphenol	ND	10		µg/L	1	4/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2008
Naphthalene	ND	10		µg/L	1	4/15/2008
2-Nitroaniline	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-04

Client Sample ID: HGS-Pond
Collection Date: 4/9/2008 10:45:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2008
4-Nitroaniline	ND	10		µg/L	1	4/15/2008
Nitrobenzene	ND	10		µg/L	1	4/15/2008
2-Nitrophenol	ND	10		µg/L	1	4/15/2008
4-Nitrophenol	ND	10		µg/L	1	4/15/2008
Pentachlorophenol	ND	20		µg/L	1	4/15/2008
Phenanthrene	ND	10		µg/L	1	4/15/2008
Phenol	ND	10		µg/L	1	4/15/2008
Pyrene	ND	10		µg/L	1	4/15/2008
Pyridine	ND	10		µg/L	1	4/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2008
Surr: 2,4,6-Tribromophenol	74.0	16.6-150		%REC	1	4/15/2008
Surr: 2-Fluorobiphenyl	74.1	19.6-134		%REC	1	4/15/2008
Surr: 2-Fluorophenol	49.3	9.54-113		%REC	1	4/15/2008
Surr: 4-Terphenyl-d14	39.9	22.7-145		%REC	1	4/15/2008
Surr: Nitrobenzene-d5	72.3	14.6-134		%REC	1	4/15/2008
Surr: Phenol-d5	45.2	10.7-80.3		%REC	1	4/15/2008
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Toluene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Ethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Naphthalene	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 6:28:45 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 6:28:45 PM
Acetone	ND	10		µg/L	1	4/21/2008 6:28:45 PM
Bromobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Bromoform	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Bromomethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
2-Butanone	ND	10		µg/L	1	4/21/2008 6:28:45 PM
Carbon disulfide	ND	10		µg/L	1	4/21/2008 6:28:45 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Chlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Chloroethane	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management

Client Sample ID: HGS-Pond

Lab Order: 0804109

Collection Date: 4/9/2008 10:45:00 AM

Project: Hobbs Generating Station

Date Received: 4/10/2008

Lab ID: 0804109-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Chloroform	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Chloromethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Dibromomethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
2-Hexanone	ND	10		µg/L	1	4/21/2008 6:28:45 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/21/2008 6:28:45 PM
Methylene Chloride	ND	3.0		µg/L	1	4/21/2008 6:28:45 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Styrene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/21/2008 6:28:45 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-04

Client Sample ID: HGS-Pond
Collection Date: 4/9/2008 10:45:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	1.0		µg/L	1	4/21/2008 6:28:45 PM
Xylenes, Total	ND	1.5		µg/L	1	4/21/2008 6:28:45 PM
Surr: 1,2-Dichloroethane-d4	109	88.1-123		%REC	1	4/21/2008 6:28:45 PM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	4/21/2008 6:28:45 PM
Surr: Dibromofluoromethane	98.3	68.5-119		%REC	1	4/21/2008 6:28:45 PM
Surr: Toluene-d8	103	64-131		%REC	1	4/21/2008 6:28:45 PM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	41	20		mg/L CaCO3	1	4/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	4/15/2008
Bicarbonate	41	20		mg/L CaCO3	1	4/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TAF
Specific Conductance	3000	0.010		µmhos/cm	1	4/11/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	2000	20		mg/L	1	4/11/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-05

Client Sample ID: MW2-040908
Collection Date: 4/9/2008 11:20:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.4	0.10		mg/L	1	4/10/2008 2:16:17 PM
Chloride	24	0.10		mg/L	1	4/10/2008 2:16:17 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/10/2008 2:16:17 PM
Bromide	0.24	0.10		mg/L	1	4/10/2008 2:16:17 PM
Nitrogen, Nitrate (As N)	2.4	0.10		mg/L	1	4/10/2008 2:16:17 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/10/2008 2:16:17 PM
Sulfate	49	0.50		mg/L	1	4/10/2008 2:16:17 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	4/17/2008 3:13:06 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	64	1.0		mg/L	1	4/14/2008 2:03:49 PM
Magnesium	11	1.0		mg/L	1	4/14/2008 2:03:49 PM
Potassium	2.1	1.0		mg/L	1	4/14/2008 2:03:49 PM
Sodium	32	1.0		mg/L	1	4/14/2008 2:03:49 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	4/12/2008 2:17:38 PM
Barium	0.071	0.020		mg/L	1	4/12/2008 2:17:38 PM
Cadmium	ND	0.0020		mg/L	1	4/12/2008 2:17:38 PM
Chromium	ND	0.0060		mg/L	1	4/12/2008 2:17:38 PM
Lead	ND	0.0050		mg/L	1	4/12/2008 2:17:38 PM
Selenium	0.056	0.050		mg/L	1	4/12/2008 2:17:38 PM
Silver	ND	0.0050		mg/L	1	4/18/2008 11:19:14 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/15/2008
Acenaphthylene	ND	10		µg/L	1	4/15/2008
Aniline	ND	10		µg/L	1	4/15/2008
Anthracene	ND	10		µg/L	1	4/15/2008
Azobenzene	ND	10		µg/L	1	4/15/2008
Benz(a)anthracene	ND	10		µg/L	1	4/15/2008
Benzo(a)pyrene	ND	10		µg/L	1	4/15/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/15/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	4/15/2008
Benzoic acid	ND	20		µg/L	1	4/15/2008
Benzyl alcohol	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/15/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/15/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management Client Sample ID: MW2-040908
 Lab Order: 0804109 Collection Date: 4/9/2008 11:20:00 AM
 Project: Hobbs Generating Station Date Received: 4/10/2008
 Lab ID: 0804109-05 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2008
Carbazole	ND	10		µg/L	1	4/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2008
4-Chloroaniline	ND	10		µg/L	1	4/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2008
2-Chlorophenol	ND	10		µg/L	1	4/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Chrysene	ND	10		µg/L	1	4/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2008
Dibenzofuran	ND	10		µg/L	1	4/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2008
Diethyl phthalate	ND	10		µg/L	1	4/15/2008
Dimethyl phthalate	ND	10		µg/L	1	4/15/2008
2,4-Dichlorophenol	ND	10		µg/L	1	4/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	4/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
Fluoranthene	ND	10		µg/L	1	4/15/2008
Fluorene	ND	10		µg/L	1	4/15/2008
Hexachlorobenzene	ND	10		µg/L	1	4/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2008
Hexachloroethane	ND	10		µg/L	1	4/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2008
Isophorone	ND	10		µg/L	1	4/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2008
2-Methylphenol	ND	10		µg/L	1	4/15/2008
3+4-Methylphenol	ND	10		µg/L	1	4/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2008
Naphthalene	ND	10		µg/L	1	4/15/2008
2-Nitroaniline	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management

Client Sample ID: MW2-040908

Lab Order: 0804109

Collection Date: 4/9/2008 11:20:00 AM

Project: Hobbs Generating Station

Date Received: 4/10/2008

Lab ID: 0804109-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2008
4-Nitroaniline	ND	10		µg/L	1	4/15/2008
Nitrobenzene	ND	10		µg/L	1	4/15/2008
2-Nitrophenol	ND	10		µg/L	1	4/15/2008
4-Nitrophenol	ND	10		µg/L	1	4/15/2008
Pentachlorophenol	ND	20		µg/L	1	4/15/2008
Phenanthrene	ND	10		µg/L	1	4/15/2008
Phenol	ND	10		µg/L	1	4/15/2008
Pyrene	ND	10		µg/L	1	4/15/2008
Pyridine	ND	10		µg/L	1	4/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2008
Surr: 2,4,6-Tribromophenol	71.9	16.6-150		%REC	1	4/15/2008
Surr: 2-Fluorobiphenyl	77.0	19.6-134		%REC	1	4/15/2008
Surr: 2-Fluorophenol	53.9	9.54-113		%REC	1	4/15/2008
Surr: 4-Terphenyl-d14	42.9	22.7-145		%REC	1	4/15/2008
Surr: Nitrobenzene-d5	77.5	14.6-134		%REC	1	4/15/2008
Surr: Phenol-d5	48.5	10.7-80.3		%REC	1	4/15/2008

EPA METHOD 8260B: VOLATILES

Analyst: BDH

Benzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Toluene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Ethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Naphthalene	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 6:57:39 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 6:57:39 PM
Acetone	ND	10		µg/L	1	4/21/2008 6:57:39 PM
Bromobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Bromoform	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Bromomethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
2-Butanone	ND	10		µg/L	1	4/21/2008 6:57:39 PM
Carbon disulfide	ND	10		µg/L	1	4/21/2008 6:57:39 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Chlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Chloroethane	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-05

Client Sample ID: MW2-040908
Collection Date: 4/9/2008 11:20:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Chloroform	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Chloromethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Dibromomethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
2-Hexanone	ND	10		µg/L	1	4/21/2008 6:57:39 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/21/2008 6:57:39 PM
Methylene Chloride	ND	3.0		µg/L	1	4/21/2008 6:57:39 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Styrene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/21/2008 6:57:39 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management

Client Sample ID: MW2-040908

Lab Order: 0804109

Collection Date: 4/9/2008 11:20:00 AM

Project: Hobbs Generating Station

Date Received: 4/10/2008

Lab ID: 0804109-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	1.0		µg/L	1	4/21/2008 6:57:39 PM
Xylenes, Total	ND	1.5		µg/L	1	4/21/2008 6:57:39 PM
Surr: 1,2-Dichloroethane-d4	110	68.1-123		%REC	1	4/21/2008 6:57:39 PM
Surr: 4-Bromofluorobenzene	97.6	53.2-145		%REC	1	4/21/2008 6:57:39 PM
Surr: Dibromofluoromethane	99.7	68.5-119		%REC	1	4/21/2008 6:57:39 PM
Surr: Toluene-d8	102	64-131		%REC	1	4/21/2008 6:57:39 PM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	4/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	4/15/2008
Bicarbonate	160	20		mg/L CaCO3	1	4/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TAF
Specific Conductance	510	0.010		µmhos/cm	1	4/11/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	330	20		mg/L	1	4/11/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-06

Client Sample ID: MW1-040908
Collection Date: 4/9/2008 11:55:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.5	0.10		mg/L	1	4/10/2008 2:51:06 PM
Chloride	19	0.10		mg/L	1	4/10/2008 2:51:06 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/10/2008 2:51:06 PM
Bromide	0.44	0.10		mg/L	1	4/10/2008 2:51:06 PM
Nitrogen, Nitrate (As N)	3.0	0.10		mg/L	1	4/10/2008 2:51:06 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/10/2008 2:51:06 PM
Sulfate	49	0.50		mg/L	1	4/10/2008 2:51:06 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	4/17/2008 3:14:58 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	60	1.0		mg/L	1	4/14/2008 2:06:02 PM
Magnesium	10	1.0		mg/L	1	4/14/2008 2:06:02 PM
Potassium	1.9	1.0		mg/L	1	4/14/2008 2:06:02 PM
Sodium	31	1.0		mg/L	1	4/14/2008 2:06:02 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	4/12/2008 2:20:07 PM
Barium	0.099	0.020		mg/L	1	4/12/2008 2:20:07 PM
Cadmium	ND	0.0020		mg/L	1	4/12/2008 2:20:07 PM
Chromium	ND	0.0060		mg/L	1	4/12/2008 2:20:07 PM
Lead	ND	0.0050		mg/L	1	4/12/2008 2:20:07 PM
Selenium	ND	0.050		mg/L	1	4/12/2008 2:20:07 PM
Silver	ND	0.0050		mg/L	1	4/18/2008 11:21:58 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	4/16/2008
Acenaphthylene	ND	10		µg/L	1	4/16/2008
Aniline	ND	10		µg/L	1	4/16/2008
Anthracene	ND	10		µg/L	1	4/16/2008
Azobenzene	ND	10		µg/L	1	4/16/2008
Benz(a)anthracene	ND	10		µg/L	1	4/16/2008
Benzo(a)pyrene	ND	10		µg/L	1	4/16/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	4/16/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/16/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	4/16/2008
Benzoic acid	ND	20		µg/L	1	4/16/2008
Benzyl alcohol	ND	10		µg/L	1	4/16/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/16/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/16/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/16/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
 Lab Order: 0804109
 Project: Hobbs Generating Station
 Lab ID: 0804109-06

Client Sample ID: MW1-040908
 Collection Date: 4/9/2008 11:55:00 AM
 Date Received: 4/10/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/15/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Butyl benzyl phthalate	ND	10		µg/L	1	4/15/2008
Carbazole	ND	10		µg/L	1	4/15/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	4/15/2008
4-Chloroaniline	ND	10		µg/L	1	4/15/2008
2-Chloronaphthalene	ND	10		µg/L	1	4/15/2008
2-Chlorophenol	ND	10		µg/L	1	4/15/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/15/2008
Chrysene	ND	10		µg/L	1	4/15/2008
Di-n-butyl phthalate	ND	10		µg/L	1	4/15/2008
Di-n-octyl phthalate	ND	10		µg/L	1	4/15/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/15/2008
Dibenzofuran	ND	10		µg/L	1	4/15/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	4/15/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/15/2008
Diethyl phthalate	ND	10		µg/L	1	4/15/2008
Dimethyl phthalate	ND	10		µg/L	1	4/15/2008
2,4-Dichlorophenol	ND	10		µg/L	1	4/15/2008
2,4-Dimethylphenol	ND	10		µg/L	1	4/15/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	4/15/2008
2,4-Dinitrophenol	ND	20		µg/L	1	4/15/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	4/15/2008
Fluoranthene	ND	10		µg/L	1	4/15/2008
Fluorene	ND	10		µg/L	1	4/15/2008
Hexachlorobenzene	ND	10		µg/L	1	4/15/2008
Hexachlorobutadiene	ND	10		µg/L	1	4/15/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/15/2008
Hexachloroethane	ND	10		µg/L	1	4/15/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/15/2008
Isophorone	ND	10		µg/L	1	4/15/2008
2-Methylnaphthalene	ND	10		µg/L	1	4/15/2008
2-Methylphenol	ND	10		µg/L	1	4/15/2008
3+4-Methylphenol	ND	10		µg/L	1	4/15/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	4/15/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/15/2008
Naphthalene	ND	10		µg/L	1	4/15/2008
2-Nitroaniline	ND	10		µg/L	1	4/15/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-06

Client Sample ID: MW1-040908
Collection Date: 4/9/2008 11:55:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	4/15/2008
4-Nitroaniline	ND	10		µg/L	1	4/15/2008
Nitrobenzene	ND	10		µg/L	1	4/15/2008
2-Nitrophenol	ND	10		µg/L	1	4/15/2008
4-Nitrophenol	ND	10		µg/L	1	4/15/2008
Pentachlorophenol	ND	20		µg/L	1	4/15/2008
Phenanthrene	ND	10		µg/L	1	4/15/2008
Phenol	ND	10		µg/L	1	4/15/2008
Pyrene	ND	10		µg/L	1	4/15/2008
Pyridine	ND	10		µg/L	1	4/15/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/15/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/15/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/15/2008
Surr: 2,4,6-Tribromophenol	68.3	16.6-150		%REC	1	4/15/2008
Surr: 2-Fluorobiphenyl	68.6	19.6-134		%REC	1	4/15/2008
Surr: 2-Fluorophenol	44.4	9.54-113		%REC	1	4/15/2008
Surr: 4-Terphenyl-d14	44.2	22.7-145		%REC	1	4/15/2008
Surr: Nitrobenzene-d5	69.0	14.6-134		%REC	1	4/15/2008
Surr: Phenol-d5	40.1	10.7-80.3		%REC	1	4/15/2008
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Toluene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Ethylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Naphthalene	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 7:26:42 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	4/21/2008 7:26:42 PM
Acetone	ND	10		µg/L	1	4/21/2008 7:26:42 PM
Bromobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Bromodichloromethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Bromoform	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Bromomethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
2-Butanone	ND	10		µg/L	1	4/21/2008 7:26:42 PM
Carbon disulfide	ND	10		µg/L	1	4/21/2008 7:26:42 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Chlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Chloroethane	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Apr-08

CLIENT: Colorado Energy Management
 Lab Order: 0804109
 Project: Hobbs Generating Station
 Lab ID: 0804109-06

Client Sample ID: MW1-040908
 Collection Date: 4/9/2008 11:55:00 AM
 Date Received: 4/10/2008
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Chloroform	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Chloromethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
2-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
4-Chlorotoluene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
cis-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM
Dibromochloromethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Dibromomethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
2-Hexanone	ND	10		µg/L	1	4/21/2008 7:26:42 PM
Isopropylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/21/2008 7:26:42 PM
Methylene Chloride	ND	3.0		µg/L	1	4/21/2008 7:26:42 PM
n-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
n-Propylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
sec-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Styrene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
tert-Butylbenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
trans-1,2-DCE	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/21/2008 7:26:42 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.**Date: 22-Apr-08**

CLIENT: Colorado Energy Management
Lab Order: 0804109
Project: Hobbs Generating Station
Lab ID: 0804109-06

Client Sample ID: MW1-040908
Collection Date: 4/9/2008 11:55:00 AM
Date Received: 4/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	1.0		µg/L	1	4/21/2008 7:26:42 PM
Xylenes, Total	ND	1.5		µg/L	1	4/21/2008 7:26:42 PM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	4/21/2008 7:26:42 PM
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	1	4/21/2008 7:26:42 PM
Surr: Dibromofluoromethane	96.8	68.5-119		%REC	1	4/21/2008 7:26:42 PM
Surr: Toluene-d8	103	64-131		%REC	1	4/21/2008 7:26:42 PM
SM 2320B: ALKALINITY						Analyst: TAF
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	4/15/2008
Carbonate	ND	2.0		mg/L CaCO3	1	4/15/2008
Bicarbonate	170	20		mg/L CaCO3	1	4/15/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TAF
Specific Conductance	510	0.010		µmhos/cm	1	4/11/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	330	20		mg/L	1	4/11/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB

MBLK

Batch ID: R28044 Analysis Date: 4/10/2008 10:29:58 AM

Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						

Sample ID: LCS

LCS

Batch ID: R28044 Analysis Date: 4/10/2008 10:12:34 AM

Fluoride	0.5215	mg/L	0.10	104	90	110			
Chloride	4.807	mg/L	0.10	96.1	90	110			
Nitrogen, Nitrite (As N)	0.9272	mg/L	0.10	92.7	90	110			
Bromide	2.451	mg/L	0.10	98.1	90	110			
Nitrogen, Nitrate (As N)	2.470	mg/L	0.10	98.8	90	110			
Phosphorus, Orthophosphate (As P)	4.875	mg/L	0.50	97.5	90	110			
Sulfate	9.752	mg/L	0.50	97.5	90	110			

Method: SM 2320B: Alkalinity

Sample ID: MB

MBLK

Batch ID: R28122 Analysis Date: 4/15/2008

Alkalinity, Total (As CaCO ₃)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						

Sample ID: LCS

LCS

Batch ID: R28122 Analysis Date: 4/15/2008

Alkalinity, Total (As CaCO ₃)	80.00	mg/L CaC	20	97.5	80	120			
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Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-15843

MBLK

Batch ID:

15843

Analysis Date:

4/15/2008

Acenaphthene	ND	µg/L	10
Acenaphthylene	ND	µg/L	10
Aniline	ND	µg/L	10
Anthracene	ND	µg/L	10
Azobenzene	ND	µg/L	10
Benzo(a)anthracene	ND	µg/L	10
Benzo(a)pyrene	ND	µg/L	10
Benzo(b)fluoranthene	ND	µg/L	10
Benzo(g,h,i)perylene	ND	µg/L	10
Benzo(k)fluoranthene	ND	µg/L	10
Benzolc acid	ND	µg/L	20
Benzyl alcohol	ND	µg/L	10
Bis(2-chloroethoxy)methane	ND	µg/L	10
Bis(2-chloroethyl)ether	ND	µg/L	10
Bis(2-chloroisopropyl)ether	ND	µg/L	10
Bis(2-ethylhexyl)phthalate	ND	µg/L	10
4-Bromophenyl phenyl ether	ND	µg/L	10
Butyl benzyl phthalate	ND	µg/L	10
Carbazole	ND	µg/L	10
4-Chloro-3-methylphenol	ND	µg/L	10
4-Chloroaniline	ND	µg/L	10
2-Chloronaphthalene	ND	µg/L	10
2-Chlorophenol	ND	µg/L	10
4-Chlorophenyl phenyl ether	ND	µg/L	10
Chrysene	ND	µg/L	10
Di-n-butyl phthalate	ND	µg/L	10
Di-n-octyl phthalate	ND	µg/L	10
Dibenz(a,h)anthracene	ND	µg/L	10
Dibenzofuran	ND	µg/L	10
1,2-Dichlorobenzene	ND	µg/L	10
1,3-Dichlorobenzene	ND	µg/L	10
1,4-Dichlorobenzene	ND	µg/L	10
3,3'-Dichlorobenzidine	ND	µg/L	10
Diethyl phthalate	ND	µg/L	10
Dimethyl phthalate	ND	µg/L	10
2,4-Dichlorophenol	ND	µg/L	10
2,4-Dimethylphenol	ND	µg/L	10
4,6-Dinitro-2-methylphenol	ND	µg/L	10
2,4-Dinitrophenol	ND	µg/L	20
2,4-Dinitrotoluene	ND	µg/L	10
2,6-Dinitrotoluene	ND	µg/L	10
Fluoranthene	ND	µg/L	10
Fluorene	ND	µg/L	10
Hexachlorobenzene	ND	µg/L	10

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-15643

MBLK

Batch ID: 15643 Analysis Date: 4/15/2008

Hexachlorobutadiene	ND	µg/L	10
Hexachlorocyclopentadiene	ND	µg/L	10
Hexachloroethane	ND	µg/L	10
Indeno(1,2,3-cd)pyrene	ND	µg/L	10
Isophorone	ND	µg/L	10
2-Methylnaphthalene	ND	µg/L	10
2-Methylphenol	ND	µg/L	10
3+4-Methylphenol	ND	µg/L	10
N-Nitrosodi-n-propylamine	ND	µg/L	10
N-Nitrosodimethylamine	ND	µg/L	10
N-Nitrosodiphenylamine	ND	µg/L	10
Naphthalene	ND	µg/L	10
2-Nitroaniline	ND	µg/L	10
3-Nitroaniline	ND	µg/L	10
4-Nitroaniline	ND	µg/L	10
Nitrobenzene	ND	µg/L	10
2-Nitrophenol	ND	µg/L	10
4-Nitrophenol	ND	µg/L	10
Pentachlorophenol	ND	µg/L	20
Phenanthrene	ND	µg/L	10
Phenol	ND	µg/L	10
Pyrene	ND	µg/L	10
Pyridine	ND	µg/L	10
1,2,4-Trichlorobenzene	ND	µg/L	10
2,4,5-Trichlorophenol	ND	µg/L	10
2,4,6-Trichlorophenol	ND	µg/L	10

Sample ID: lcs-15643

LCS

Batch ID: 15643 Analysis Date: 4/15/2008

Acenaphthene	80.36	µg/L	10	80.4	11	123
4-Chloro-3-methylphenol	166.9	µg/L	10	78.5	15.4	119
2-Chlorophenol	145.5	µg/L	10	72.7	12.2	122
1,4-Dichlorobenzene	61.76	µg/L	10	61.8	16.9	100
2,4-Dinitrotoluene	76.08	µg/L	10	76.1	13	138
N-Nitrosodi-n-propylamine	77.40	µg/L	10	77.4	9.93	122
4-Nitrophenol	93.32	µg/L	10	46.7	12.5	87.4
Pentachlorophenol	125.5	µg/L	20	62.7	3.55	114
Phenol	80.34	µg/L	10	40.2	7.53	73.1
Pyrene	63.72	µg/L	10	63.7	12.6	140
1,2,4-Trichlorobenzene	65.18	µg/L	10	65.2	17.4	98.7

Sample ID: lcsd-15643

LCSD

Batch ID: 15643 Analysis Date: 4/15/2008

Acenaphthene	75.02	µg/L	10	75.0	11	123	6.87	30.5
4-Chloro-3-methylphenol	151.1	µg/L	10	75.6	15.4	119	3.77	28.6
2-Chlorophenol	136.2	µg/L	10	68.1	12.2	122	6.56	107
1,4-Dichlorobenzene	61.20	µg/L	10	61.2	16.9	100	0.911	62.1
2,4-Dinitrotoluene	71.42	µg/L	10	71.4	13	138	6.32	14.7

Qualifiers:

B	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: Icad-15643		LCS			Batch ID: 15643		Analysis Date: 4/15/2008		
N-Nitrosodi-n-propylamine	72.54	µg/L	10	72.5	9.93	122	6.48	30.3	
4-Nitrophenol	90.62	µg/L	10	45.3	12.5	87.4	2.94	36.3	
Pentachlorophenol	128.7	µg/L	20	64.3	3.55	114	2.53	49	
Phenol	75.26	µg/L	10	37.6	7.53	73.1	6.63	52.4	
Pyrene	64.42	µg/L	10	64.4	12.6	140	1.09	16.3	
1,2,4-Trichlorobenzene	63.16	µg/L	10	63.2	17.4	98.7	3.15	36.4	

Method: EPA Method 7470: Mercury									
Sample ID: MB-15677		MBLK			Batch ID: 15677		Analysis Date: 4/17/2008 2:49:38 PM		
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-15677		LCS			Batch ID: 15677		Analysis Date: 4/17/2008 2:51:22 PM		
Mercury	0.005034	mg/L	0.00020	101	80	120			

Method: EPA Method 6010B: Dissolved Metals									
Sample ID: MB		MBLK			Batch ID: R28080		Analysis Date: 4/14/2008 10:55:39 AM		
Calcium	ND	mg/L	1.0						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	1.0						
Sample ID: LCS		LCS			Batch ID: R28080		Analysis Date: 4/14/2008 10:56:40 AM		
Calcium	53.35	mg/L	1.0	106	80	120			
Magnesium	53.70	mg/L	1.0	106	80	120			
Potassium	57.05	mg/L	1.0	104	80	120			
Sodium	57.19	mg/L	1.0	113	80	120			

Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-15622		MBLK			Batch ID: 15622		Analysis Date: 4/12/2008 1:39:50 PM		
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sample ID: LCS-15622		LCS			Batch ID: 15622		Analysis Date: 4/12/2008 1:42:20 PM		
Arsenic	0.4676	mg/L	0.020	93.5	80	120			
Barium	0.4587	mg/L	0.010	91.7	80	120			
Cadmium	0.4554	mg/L	0.0020	91.1	80	120			
Chromium	0.4526	mg/L	0.0060	90.5	80	120			
Lead	0.4566	mg/L	0.0050	91.3	80	120			
Selenium	0.4562	mg/L	0.050	91.2	80	120			
Silver	0.4756	mg/L	0.0050	95.1	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SM 2540C: TDS									
Sample ID: MB-15621		MBLK							
Total Dissolved Solids	ND	mg/L	20						
Batch ID: 15621 Analysis Date: 4/11/2008									
Sample ID: LCS-15621		LCS							
Total Dissolved Solids	1020	mg/L	20	101	80	120			
Batch ID: 15621 Analysis Date: 4/11/2008									

Qualifiers:

E Value above quantitation range

J Analyte detected below quantitation limits

R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management

Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R28171 Analysis Date: 4/18/2008 8:27:05 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		MBLK			Batch ID: R28171	Analysis Date: 4/18/2008 8:27:05 AM			
Methyl-2-pentanone	ND	µg/L	10						
Ethylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
Propylbenzene	ND	µg/L	1.0						
iso-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Alkenes, Total	ND	µg/L	1.5						
Sample ID: 5mL rb		MBLK			Batch ID: R28185	Analysis Date: 4/21/2008 10:59:06 AM			
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
tert-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5mL rb

MBLK

Batch ID: R28185 Analysis Date: 4/21/2008 10:59:06 AM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng lcs

LCS

Batch ID: R28171 Analysis Date: 4/18/2008 10:23:16 AM

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Colorado Energy Management
 Project: Hobbs Generating Station

Work Order: 0804109

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		LCS			Batch ID: R28171		Analysis Date: 4/18/2008 10:23:16 AM		
Benzene	21.25	µg/L	1.0	106	72.4	126			
Toluene	17.22	µg/L	1.0	86.1	69.4	126			
Chlorobenzene	18.03	µg/L	1.0	90.2	83.1	111			
1,1-Dichloroethene	25.92	µg/L	1.0	130	81.4	122			S
Trichloroethene (TCE)	21.22	µg/L	1.0	108	64.4	118			
Sample ID: 100ng lcs		LCS			Batch ID: R28186		Analysis Date: 4/21/2008 12:34:12 PM		
Benzene	21.69	µg/L	1.0	108	88.8	120			
Toluene	18.72	µg/L	1.0	93.6	64.1	127			
Chlorobenzene	18.16	µg/L	1.0	90.8	82.4	113			
1,1-Dichloroethene	24.70	µg/L	1.0	124	86.5	132			
Trichloroethene (TCE)	21.94	µg/L	1.0	110	77.3	123			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name COLORADO ENERGY MGMT

Date Received:

4/10/2008

Work Order Number 0804109

Received by: AMF

Checklist completed by:

Signature

Date

Sample ID labels checked by

Initials

Matrix

Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐ Not Shipped ☒
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐
Container/Temp Blank temperature?	1°	<6° C Acceptable If given sufficient time to cool.	

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____



Nalco Analytical Resources

1601 West Diehl Road, Naperville, Illinois 60563-1198
Phone: (630) 305-2315, Fax: (630) 305-2946, Analytical.Lab.Naperville@Nalco.com



Colorado Energy
Hobbs NM USA
Sample Marked: Make Up
SAP SoldTo Number:

Sample Number: NW0802899
Date Sampled: 2:00 pm 19-Feb-2008
Date Received: 21-Feb-2008
Date Completed: 29-Feb-2008

Water Analysis Report

Cations/Metals	Filtered	Total
Aluminum (Al)	<0.1	0.2 mg/L
Barium (Ba)	0.08	0.09 mg/L
Boron (B)	<0.1	<0.1 mg/L
Cadmium (Cd)	<0.05	<0.05 mg/L
Calcium (Ca)	69	70 mg/L
Chromium (Cr)	<0.05	<0.05 mg/L
Copper (Cu)	<0.05	<0.05 mg/L
Iron (Fe)	<0.05	0.20 mg/L
Lead (Pb)	<0.1	<0.1 mg/L
Lithium (Li)	<0.05	<0.05 mg/L
Magnesium (Mg)	8.7	8.7 mg/L
Manganese (Mn)	<0.05	<0.05 mg/L
Molybdenum (Mo)	<0.1	<0.1 mg/L
Nickel (Ni)	<0.05	<0.05 mg/L
Phosphorus (P)	0.3	0.3 mg/L
Phosphorus (PO ₄)	0.9	1.0 mg/L
Potassium (K)	2.5	2.5 mg/L
Silica (SiO ₂)	40	41 mg/L
Sodium (Na)	29	29 mg/L
Strontium (Sr)	0.52	0.52 mg/L
Vanadium (V)	<0.05	<0.05 mg/L
Zinc (Zn)	0.28	0.29 mg/L
Calcium (CaCO ₃)	170	170 mg/L
Magnesium (CaCO ₃)	36.0	36.0 mg/L
Sodium (CaCO ₃)	63	63 mg/L
Calculated Hardness (CaCO ₃)	210	210 mg/L

Phosphates	Filtered	Total
Phosphate (PO ₄) - Total	0.70 mg/L	0.90 mg/L
Phosphate (PO ₄) - Ortho	0.30 mg/L	0.50 mg/L

Anions

Bromide (Br)	0.25 mg/L
Chloride (Cl)	25 mg/L
Nitrate (NO ₃)	12 mg/L
Nitrite (NO ₂)	<0.20 mg/L
Sulfate (SO ₄)	46 mg/L

Authorized by : Karen B Harriman





Colorado Energy
Hobbs NM USA
Sample Marked: Make Up
SAP SoldTo Number:

Sample Number: NW0802899
Date Sampled: 2:00 pm 19-Feb-2008
Date Received: 21-Feb-2008
Date Completed: 29-Feb-2008

Water Analysis Report

Anions

<i>Chloride (CaCO₃)</i>	36 mg/L
<i>Nitrate (CaCO₃)</i>	9.4 mg/L
<i>Sulfate (CaCO₃)</i>	48 mg/L

ALK - Alkalinity

<i>Bicarbonate (CaCO₃)</i>	160 mg/L
<i>Carbonate (CaCO₃)</i>	14 mg/L
<i>Methyl Orange (CaCO₃)</i>	170 mg/L
<i>Phenolphthalein (CaCO₃)</i>	<10 mg/L

Trasar

Ratio	<1.40
-------	-------

Others

pH	8.5 pH Units
Conductivity	510 μ S/cm
Organic Carbon (C) - Total	< 2.0 mg/L
Ammonia (NH ₃)	< 0.04 mg/L
Ammonia (CaCO ₃)	< 0.12 mg/L
Suspended Solids (Total @ 105C)	5.8 mg/L
Turbidity	1.6 NTU

TRASAR 2 and polymer backgrounds are not determined on makeup samples. Only the ratio is reported on makeup samples. To determine TRASAR 2 and polymer backgrounds, a sample of process water must be submitted. The presence of 3DTRASAR product in the process water requires you indicate which product(s) are present. Fixed offset must be used. Contact Cooling Water Research for explanation of Ratio results.

Authorized by : Karen B Harriman



January 15, 2008



COVER LETTER

Tuesday, January 15, 2008

Jeff Gamlin
CH2M Hill
6001 Indian School Rd. NE Suite 350
Albuquerque, NM 87110

TEL: (505) 884-5600

FAX (505) 883-7507

RE: Hobbs Generating Station

Order No.: 0801031

Dear Jeff Gamlin:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 1/4/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM-Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001



Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 1/4/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-01

Client Sample ID: Trip Blank
Collection Date:
Date Received: 1/4/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8280B: VOLATILES						Analyst: SMP
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	98.5	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	95.2	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	104	64-131		%REC	1	1/8/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-02

Client Sample ID: EB-010308
Collection Date: 1/3/2008 1:25:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SMP
Fluoride	ND	0.10		mg/L	1	1/4/2008 1:58:28 PM
Chloride	ND	0.10		mg/L	1	1/4/2008 1:58:28 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	1/4/2008 1:58:28 PM
Bromide	ND	0.10		mg/L	1	1/4/2008 1:58:28 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	1/4/2008 1:58:28 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	1/4/2008 1:58:28 PM
Sulfate	ND	0.50		mg/L	1	1/4/2008 1:58:28 PM
EPA METHOD 7470: MERCURY						Analyst: SLB
Mercury	ND	0.00020		mg/L	1	1/11/2008 1:58:47 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	ND	1.0		mg/L	1	1/14/2008 8:24:07 AM
Magnesium	ND	1.0		mg/L	1	1/14/2008 8:24:07 AM
Potassium	ND	1.0		mg/L	1	1/14/2008 8:24:07 AM
Sodium	ND	1.0		mg/L	1	1/14/2008 8:24:07 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	1/11/2008 5:38:31 PM
Barium	ND	0.020		mg/L	1	1/11/2008 5:38:31 PM
Cadmium	ND	0.0020		mg/L	1	1/11/2008 5:38:31 PM
Chromium	ND	0.0060		mg/L	1	1/11/2008 5:38:31 PM
Lead	ND	0.0050		mg/L	1	1/11/2008 5:38:31 PM
Selenium	ND	0.050		mg/L	1	1/11/2008 5:38:31 PM
Silver	ND	0.0050		mg/L	1	1/11/2008 5:38:31 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/10/2008
Acenaphthylene	ND	10		µg/L	1	1/10/2008
Aniline	ND	10		µg/L	1	1/10/2008
Anthracene	ND	10		µg/L	1	1/10/2008
Azobenzene	ND	10		µg/L	1	1/10/2008
Benz(a)anthracene	ND	10		µg/L	1	1/10/2008
Benzo(a)pyrene	ND	10		µg/L	1	1/10/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/10/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzoic acid	ND	20		µg/L	1	1/10/2008
Benzyl alcohol	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/10/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-02

Client Sample ID: EB-010308
Collection Date: 1/3/2008 1:25:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/10/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Butyl benzyl phthalate	ND	10		µg/L	1	1/10/2008
Carbazole	ND	10		µg/L	1	1/10/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/10/2008
4-Chloroaniline	ND	10		µg/L	1	1/10/2008
2-Chloronaphthalene	ND	10		µg/L	1	1/10/2008
2-Chlorophenol	ND	10		µg/L	1	1/10/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Chrysene	ND	10		µg/L	1	1/10/2008
Di-n-butyl phthalate	ND	10		µg/L	1	1/10/2008
Di-n-octyl phthalate	ND	10		µg/L	1	1/10/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/10/2008
Dibenzofuran	ND	10		µg/L	1	1/10/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/10/2008
Diethyl phthalate	ND	10		µg/L	1	1/10/2008
Dimethyl phthalate	ND	10		µg/L	1	1/10/2008
2,4-Dichlorophenol	ND	10		µg/L	1	1/10/2008
2,4-Dimethylphenol	ND	10		µg/L	1	1/10/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/10/2008
2,4-Dinitrophenol	ND	20		µg/L	1	1/10/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
Fluoranthene	ND	10		µg/L	1	1/10/2008
Fluorene	ND	10		µg/L	1	1/10/2008
Hexachlorobenzene	ND	10		µg/L	1	1/10/2008
Hexachlorobutadiene	ND	10		µg/L	1	1/10/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/10/2008
Hexachloroethane	ND	10		µg/L	1	1/10/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/10/2008
Isophorone	ND	10		µg/L	1	1/10/2008
2-Methylnaphthalene	ND	10		µg/L	1	1/10/2008
2-Methylphenol	ND	10		µg/L	1	1/10/2008
3+4-Methylphenol	ND	10		µg/L	1	1/10/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/10/2008
Naphthalene	ND	10		µg/L	1	1/10/2008
2-Nitroaniline	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-02

Client Sample ID: EB-010308
Collection Date: 1/3/2008 1:25:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	1/10/2008
4-Nitroaniline	ND	10		µg/L	1	1/10/2008
Nitrobenzene	ND	10		µg/L	1	1/10/2008
2-Nitrophenol	ND	10		µg/L	1	1/10/2008
4-Nitrophenol	ND	10		µg/L	1	1/10/2008
Pentachlorophenol	ND	10		µg/L	1	1/10/2008
Phenanthrene	ND	10		µg/L	1	1/10/2008
Phenol	ND	10		µg/L	1	1/10/2008
Pyrene	ND	10		µg/L	1	1/10/2008
Pyridine	ND	10		µg/L	1	1/10/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/10/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
Surr: 2,4,6-Tribromophenol	43.2	16.6-150		%REC	1	1/10/2008
Surr: 2-Fluorobiphenyl	80.1	19.6-134		%REC	1	1/10/2008
Surr: 2-Fluorophenol	54.1	9.54-113		%REC	1	1/10/2008
Surr: 4-Terphenyl-d14	77.0	22.7-145		%REC	1	1/10/2008
Surr: Nitrobenzene-d5	82.9	14.6-134		%REC	1	1/10/2008
Surr: Phenol-d5	39.1	10.7-80.3		%REC	1	1/10/2008
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: EB-010308

Lab Order: 0801031

Collection Date: 1/3/2008 1:25:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-02

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-02

Client Sample ID: EB-010308
Collection Date: 1/3/2008 1:25:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	99.0	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	98.9	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	101	64-131		%REC	1	1/8/2008
SM 2320B: ALKALINITY						Analyst: TES
Alkalinity, Total (As CaCO3)	ND	20		mg/L CaCO3	1	1/12/2008
Carbonate	ND	2.0		mg/L CaCO3	1	1/12/2008
Bicarbonate	ND	20		mg/L CaCO3	1	1/12/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TES
Specific Conductance	2.2	0.010		µmhos/cm	1	1/9/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	66	20		mg/L	1	1/7/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill **Client Sample ID:** MW1-010308
Lab Order: 0801031 **Collection Date:** 1/3/2008 4:10:00 PM
Project: Hobbs Generating Station **Date Received:** 1/4/2008
Lab ID: 0801031-03 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SMP
Fluoride	1.6	0.10		mg/L	1	1/4/2008 2:33:18 PM
Chloride	17	0.10		mg/L	1	1/4/2008 2:33:18 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	1/4/2008 2:33:18 PM
Bromide	0.17	0.10		mg/L	1	1/4/2008 2:33:18 PM
Nitrogen, Nitrate (As N)	0.65	0.10		mg/L	1	1/4/2008 2:33:18 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	1/4/2008 2:33:18 PM
Sulfate	47	0.50		mg/L	1	1/4/2008 2:33:18 PM
EPA METHOD 7470: MERCURY						Analyst: SLB
Mercury	ND	0.00020		mg/L	1	1/11/2008 2:00:34 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	63	1.0		mg/L	1	1/14/2008 8:27:09 AM
Magnesium	11	1.0		mg/L	1	1/14/2008 8:27:09 AM
Potassium	2.7	1.0		mg/L	1	1/14/2008 8:27:09 AM
Sodium	32	1.0		mg/L	1	1/14/2008 8:27:09 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	1/11/2008 5:52:28 PM
Barium	0.097	0.020		mg/L	1	1/11/2008 5:52:28 PM
Cadmium	ND	0.0020		mg/L	1	1/11/2008 5:52:28 PM
Chromium	ND	0.0060		mg/L	1	1/11/2008 5:52:28 PM
Lead	ND	0.0050		mg/L	1	1/11/2008 5:52:28 PM
Selenium	ND	0.050		mg/L	1	1/11/2008 5:52:28 PM
Silver	ND	0.0050		mg/L	1	1/11/2008 5:52:28 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/10/2008
Acenaphthylene	ND	10		µg/L	1	1/10/2008
Aniline	ND	10		µg/L	1	1/10/2008
Anthracene	ND	10		µg/L	1	1/10/2008
Azobenzene	ND	10		µg/L	1	1/10/2008
Benz(a)anthracene	ND	10		µg/L	1	1/10/2008
Benzo(a)pyrene	ND	10		µg/L	1	1/10/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/10/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzoic acid	ND	20		µg/L	1	1/10/2008
Benzyl alcohol	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/10/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-03

Client Sample ID: MW1-010308
Collection Date: 1/3/2008 4:10:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/10/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Butyl benzyl phthalate	ND	10		µg/L	1	1/10/2008
Carbazole	ND	10		µg/L	1	1/10/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/10/2008
4-Chloroaniline	ND	10		µg/L	1	1/10/2008
2-Chloronaphthalene	ND	10		µg/L	1	1/10/2008
2-Chlorophenol	ND	10		µg/L	1	1/10/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Chrysene	ND	10		µg/L	1	1/10/2008
Di-n-butyl phthalate	ND	10		µg/L	1	1/10/2008
Di-n-octyl phthalate	ND	10		µg/L	1	1/10/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/10/2008
Dibenzofuran	ND	10		µg/L	1	1/10/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/10/2008
Diethyl phthalate	ND	10		µg/L	1	1/10/2008
Dimethyl phthalate	ND	10		µg/L	1	1/10/2008
2,4-Dichlorophenol	ND	10		µg/L	1	1/10/2008
2,4-Dimethylphenol	ND	10		µg/L	1	1/10/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/10/2008
2,4-Dinitrophenol	ND	20		µg/L	1	1/10/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
Fluoranthene	ND	10		µg/L	1	1/10/2008
Fluorene	ND	10		µg/L	1	1/10/2008
Hexachlorobenzene	ND	10		µg/L	1	1/10/2008
Hexachlorobutadiene	ND	10		µg/L	1	1/10/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/10/2008
Hexachloroethane	ND	10		µg/L	1	1/10/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/10/2008
Isophorone	ND	10		µg/L	1	1/10/2008
2-Methylnaphthalene	ND	10		µg/L	1	1/10/2008
2-Methylphenol	ND	10		µg/L	1	1/10/2008
3+4-Methylphenol	ND	10		µg/L	1	1/10/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/10/2008
Naphthalene	ND	10		µg/L	1	1/10/2008
2-Nitroaniline	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-03

Client Sample ID: MW1-010308
Collection Date: 1/3/2008 4:10:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	1/10/2008
4-Nitroaniline	ND	10		µg/L	1	1/10/2008
Nitrobenzene	ND	10		µg/L	1	1/10/2008
2-Nitrophenol	ND	10		µg/L	1	1/10/2008
4-Nitrophenol	ND	10		µg/L	1	1/10/2008
Pentachlorophenol	ND	10		µg/L	1	1/10/2008
Phenanthrene	ND	10		µg/L	1	1/10/2008
Phenol	ND	10		µg/L	1	1/10/2008
Pyrene	ND	10		µg/L	1	1/10/2008
Pyridine	ND	10		µg/L	1	1/10/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/10/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
Surr: 2,4,6-Tribromophenol	35.6	16.6-150		%REC	1	1/10/2008
Surr: 2-Fluorobiphenyl	41.5	18.6-134		%REC	1	1/10/2008
Surr: 2-Fluorophenol	25.2	9.54-113		%REC	1	1/10/2008
Surr: 4-Terphenyl-d14	70.3	22.7-145		%REC	1	1/10/2008
Surr: Nitrobenzene-d5	36.7	14.6-134		%REC	1	1/10/2008
Surr: Phenol-d5	19.0	10.7-80.3		%REC	1	1/10/2008
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: MW1-010308

Lab Order: 0801031

Collection Date: 1/3/2008 4:10:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-03

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-03

Client Sample ID: MW1-010308
Collection Date: 1/3/2008 4:10:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	97.3	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	98.6	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	106	64-131		%REC	1	1/8/2008
SM 2320B: ALKALINITY						Analyst: TES
Alkalinity, Total (As CaCO3)	180	20		mg/L CaCO3	1	1/12/2008
Carbonate	ND	2.0		mg/L CaCO3	1	1/12/2008
Bicarbonate	180	20		mg/L CaCO3	1	1/12/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TES
Specific Conductance	330	0.010		µmhos/cm	1	1/9/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	600	100		mg/L	1	1/7/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-04

Client Sample ID: MW2-010308
Collection Date: 1/3/2008 3:30:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SMP
Fluoride	1.4	0.10		mg/L	1	1/4/2008 3:08:06 PM
Chloride	24	0.10		mg/L	1	1/4/2008 3:08:06 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	1/4/2008 3:08:06 PM
Bromide	0.23	0.10		mg/L	1	1/4/2008 3:08:06 PM
Nitrogen, Nitrate (As N)	1.6	0.10		mg/L	1	1/4/2008 3:08:06 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	1/4/2008 3:08:06 PM
Sulfate	49	0.50		mg/L	1	1/4/2008 3:08:06 PM
EPA METHOD 7470: MERCURY						Analyst: SLB
Mercury	ND	0.00020		mg/L	1	1/11/2008 2:02:22 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	64	1.0		mg/L	1	1/14/2008 8:31:53 AM
Magnesium	10	1.0		mg/L	1	1/14/2008 8:31:53 AM
Potassium	2.7	1.0		mg/L	1	1/14/2008 8:31:53 AM
Sodium	31	1.0		mg/L	1	1/14/2008 8:31:53 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	1/11/2008 5:56:37 PM
Barium	0.099	0.020		mg/L	1	1/11/2008 5:56:37 PM
Cadmium	ND	0.0020		mg/L	1	1/11/2008 5:56:37 PM
Chromium	ND	0.0060		mg/L	1	1/11/2008 5:56:37 PM
Lead	0.0053	0.0050		mg/L	1	1/11/2008 5:56:37 PM
Selenium	ND	0.050		mg/L	1	1/11/2008 5:56:37 PM
Silver	ND	0.0050		mg/L	1	1/11/2008 5:56:37 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/10/2008
Acenaphthylene	ND	10		µg/L	1	1/10/2008
Aniline	ND	10		µg/L	1	1/10/2008
Anthracene	ND	10		µg/L	1	1/10/2008
Azobenzene	ND	10		µg/L	1	1/10/2008
Benz(a)anthracene	ND	10		µg/L	1	1/10/2008
Benzo(a)pyrene	ND	10		µg/L	1	1/10/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/10/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzoic acid	ND	20		µg/L	1	1/10/2008
Benzyl alcohol	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/10/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: MW2-010308

Lab Order: 0801031

Collection Date: 1/3/2008 3:30:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-04

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/10/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Butyl benzyl phthalate	ND	10		µg/L	1	1/10/2008
Carbazole	ND	10		µg/L	1	1/10/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/10/2008
4-Chloroaniline	ND	10		µg/L	1	1/10/2008
2-Chloronaphthalene	ND	10		µg/L	1	1/10/2008
2-Chlorophenol	ND	10		µg/L	1	1/10/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Chrysene	ND	10		µg/L	1	1/10/2008
Di-n-butyl phthalate	ND	10		µg/L	1	1/10/2008
Di-n-octyl phthalate	ND	10		µg/L	1	1/10/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/10/2008
Dibenzofuran	ND	10		µg/L	1	1/10/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/10/2008
Diethyl phthalate	ND	10		µg/L	1	1/10/2008
Dimethyl phthalate	ND	10		µg/L	1	1/10/2008
2,4-Dichlorophenol	ND	10		µg/L	1	1/10/2008
2,4-Dimethylphenol	ND	10		µg/L	1	1/10/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/10/2008
2,4-Dinitrophenol	ND	20		µg/L	1	1/10/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
Fluoranthene	ND	10		µg/L	1	1/10/2008
Fluorene	ND	10		µg/L	1	1/10/2008
Hexachlorobenzene	ND	10		µg/L	1	1/10/2008
Hexachlorobutadiene	ND	10		µg/L	1	1/10/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/10/2008
Hexachloroethane	ND	10		µg/L	1	1/10/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/10/2008
Isophorone	ND	10		µg/L	1	1/10/2008
2-Methylnaphthalene	ND	10		µg/L	1	1/10/2008
2-Methylphenol	ND	10		µg/L	1	1/10/2008
3+4-Methylphenol	ND	10		µg/L	1	1/10/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/10/2008
Naphthalene	ND	10		µg/L	1	1/10/2008
2-Nitroaniline	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-04

Client Sample ID: MW2-010308
Collection Date: 1/3/2008 3:30:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	1/10/2008
4-Nitroaniline	ND	10		µg/L	1	1/10/2008
Nitrobenzene	ND	10		µg/L	1	1/10/2008
2-Nitrophenol	ND	10		µg/L	1	1/10/2008
4-Nitrophenol	ND	10		µg/L	1	1/10/2008
Pentachlorophenol	ND	10		µg/L	1	1/10/2008
Phenanthrene	ND	10		µg/L	1	1/10/2008
Phenol	ND	10		µg/L	1	1/10/2008
Pyrene	ND	10		µg/L	1	1/10/2008
Pyridine	ND	10		µg/L	1	1/10/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
Surr: 2,4,6-Tribromophenol	37.9	16.6-150		%REC	1	1/10/2008
Surr: 2-Fluorobiphenyl	55.8	19.6-134		%REC	1	1/10/2008
Surr: 2-Fluorophenol	35.2	9.54-113		%REC	1	1/10/2008
Surr: 4-Terphenyl-d14	61.4	22.7-145		%REC	1	1/10/2008
Surr: Nitrobenzene-d5	58.4	14.6-134		%REC	1	1/10/2008
Surr: Phenol-d5	26.8	10.7-80.3		%REC	1	1/10/2008
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

B Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-04

Client Sample ID: MW2-010308
Collection Date: 1/3/2008 3:30:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT:	CH2M Hill	Client Sample ID:	MW2-010308
Lab Order:	0801031	Collection Date:	1/3/2008 3:30:00 PM
Project:	Hobbs Generating Station	Date Received:	1/4/2008
Lab ID:	0801031-04	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	97.9	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	96.3	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	98.7	64-131		%REC	1	1/8/2008
SM 2320B: ALKALINITY						Analyst: TES
Alkalinity, Total (As CaCO3)	160	20		mg/L CaCO3	1	1/12/2008
Carbonate	ND	2.0		mg/L CaCO3	1	1/12/2008
Bicarbonate	160	20		mg/L CaCO3	1	1/12/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TES
Specific Conductance	500	0.010		µmhos/cm	1	1/9/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	320	20		mg/L	1	1/7/2008

Qualifiers:	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	MCL Maximum Contaminant Level
	ND Not Detected at the Reporting Limit	RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: MW3-010308

Lab Order: 0801031

Collection Date: 1/3/2008 2:23:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SMP
Fluoride	1.4	0.10		mg/L	1	1/4/2008 3:42:56 PM
Chloride	28	0.10		mg/L	1	1/4/2008 3:42:56 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	1/4/2008 3:42:56 PM
Bromide	0.20	0.10		mg/L	1	1/4/2008 3:42:56 PM
Nitrogen, Nitrate (As N)	3.7	0.10		mg/L	1	1/4/2008 3:42:56 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	1/4/2008 3:42:56 PM
Sulfate	53	0.50		mg/L	1	1/4/2008 3:42:56 PM
EPA METHOD 7470: MERCURY						Analyst: SLB
Mercury	ND	0.00020		mg/L	1	1/11/2008 2:04:10 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	69	1.0		mg/L	1	1/14/2008 8:34:57 AM
Magnesium	11	1.0		mg/L	1	1/14/2008 8:34:57 AM
Potassium	2.6	1.0		mg/L	1	1/14/2008 8:34:57 AM
Sodium	35	1.0		mg/L	1	1/14/2008 8:34:57 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	1/11/2008 6:02:26 PM
Barium	0.078	0.020		mg/L	1	1/11/2008 6:02:26 PM
Cadmium	ND	0.0020		mg/L	1	1/11/2008 6:02:26 PM
Chromium	ND	0.0060		mg/L	1	1/11/2008 6:02:26 PM
Lead	0.0052	0.0050		mg/L	1	1/11/2008 6:02:26 PM
Selenium	ND	0.050		mg/L	1	1/11/2008 6:02:26 PM
Silver	ND	0.0050		mg/L	1	1/11/2008 6:02:26 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/10/2008
Acenaphthylene	ND	10		µg/L	1	1/10/2008
Aniline	ND	10		µg/L	1	1/10/2008
Anthracene	ND	10		µg/L	1	1/10/2008
Azobenzene	ND	10		µg/L	1	1/10/2008
Benz(a)anthracene	ND	10		µg/L	1	1/10/2008
Benzo(a)pyrene	ND	10		µg/L	1	1/10/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/10/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzoic acid	ND	20		µg/L	1	1/10/2008
Benzyl alcohol	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/10/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-05

Client Sample ID: MW3-010308
Collection Date: 1/3/2008 2:23:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/10/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Butyl benzyl phthalate	ND	10		µg/L	1	1/10/2008
Carbazole	ND	10		µg/L	1	1/10/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/10/2008
4-Chloroaniline	ND	10		µg/L	1	1/10/2008
2-Chloronaphthalene	ND	10		µg/L	1	1/10/2008
2-Chlorophenol	ND	10		µg/L	1	1/10/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Chrysene	ND	10		µg/L	1	1/10/2008
Di-n-butyl phthalate	ND	10		µg/L	1	1/10/2008
Di-n-octyl phthalate	ND	10		µg/L	1	1/10/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/10/2008
Dibenzofuran	ND	10		µg/L	1	1/10/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/10/2008
Diethyl phthalate	ND	10		µg/L	1	1/10/2008
Dimethyl phthalate	ND	10		µg/L	1	1/10/2008
2,4-Dichlorophenol	ND	10		µg/L	1	1/10/2008
2,4-Dimethylphenol	ND	10		µg/L	1	1/10/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/10/2008
2,4-Dinitrophenol	ND	20		µg/L	1	1/10/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
Fluoranthene	ND	10		µg/L	1	1/10/2008
Fluorene	ND	10		µg/L	1	1/10/2008
Hexachlorobenzene	ND	10		µg/L	1	1/10/2008
Hexachlorobutadiene	ND	10		µg/L	1	1/10/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/10/2008
Hexachloroethane	ND	10		µg/L	1	1/10/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/10/2008
Isophorone	ND	10		µg/L	1	1/10/2008
2-Methylnaphthalene	ND	10		µg/L	1	1/10/2008
2-Methylphenol	ND	10		µg/L	1	1/10/2008
3+4-Methylphenol	ND	10		µg/L	1	1/10/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/10/2008
Naphthalene	ND	10		µg/L	1	1/10/2008
2-Nitroaniline	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

B Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Splitter recovery outside reported recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill**Client Sample ID:** MW3-010308**Lab Order:** 0801031**Collection Date:** 1/3/2008 2:23:00 PM**Project:** Hobbs Generating Station**Date Received:** 1/4/2008**Lab ID:** 0801031-05**Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	1/10/2008
4-Nitroaniline	ND	10		µg/L	1	1/10/2008
Nitrobenzene	ND	10		µg/L	1	1/10/2008
2-Nitrophenol	ND	10		µg/L	1	1/10/2008
4-Nitrophenol	ND	10		µg/L	1	1/10/2008
Pentachlorophenol	ND	10		µg/L	1	1/10/2008
Phenanthrene	ND	10		µg/L	1	1/10/2008
Phenol	ND	10		µg/L	1	1/10/2008
Pyrene	ND	10		µg/L	1	1/10/2008
Pyridine	ND	10		µg/L	1	1/10/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
Surr: 2,4,6-Tribromophenol	41.4	16.6-150		%REC	1	1/10/2008
Surr: 2-Fluorobiphenyl	55.8	19.6-134		%REC	1	1/10/2008
Surr: 2-Fluorophenol	28.6	9.54-113		%REC	1	1/10/2008
Surr: 4-Terphenyl-d14	65.4	22.7-145		%REC	1	1/10/2008
Surr: Nitrobenzene-d5	52.8	14.6-134		%REC	1	1/10/2008
Surr: Phenol-d5	22.9	10.7-80.3		%REC	1	1/10/2008
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level

E Value above quantitation range

J Analyte detected below quantitation limits

ND Not Detected at the Reporting Limit

S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

MCL Maximum Contaminant Level

RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: MW3-010308

Lab Order: 0801031

Collection Date: 1/3/2008 2:23:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Value above quantitation range
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill

Client Sample ID: MW3-010308

Lab Order: 0801031

Collection Date: 1/3/2008 2:23:00 PM

Project: Hobbs Generating Station

Date Received: 1/4/2008

Lab ID: 0801031-05

Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	106	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	102	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	99.1	64-131		%REC	1	1/8/2008
SM 2320B: ALKALINITY						Analyst: TES
Alkalinity, Total (As CaCO3)	170	20		mg/L CaCO3	1	1/12/2008
Carbonate	ND	2.0		mg/L CaCO3	1	1/12/2008
Bicarbonate	170	20		mg/L CaCO3	1	1/12/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TES
Specific Conductance	550	0.010		µmhos/cm	1	1/9/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	360	100		mg/L	1	1/7/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-06

Client Sample ID: MW3-010308DUP
Collection Date: 1/3/2008 2:16:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SMP
Fluoride	1.4	0.10		mg/L	1	1/7/2008 1:52:36 PM
Chloride	28	0.10		mg/L	1	1/4/2008 5:27:23 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	1/4/2008 5:27:23 PM
Bromide	0.17	0.10		mg/L	1	1/4/2008 5:27:23 PM
Nitrogen, Nitrate (As N)	3.8	0.10		mg/L	1	1/4/2008 5:27:23 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	1/4/2008 5:27:23 PM
Sulfate	53	0.50		mg/L	1	1/4/2008 5:27:23 PM
EPA METHOD 7470: MERCURY						Analyst: SLB
Mercury	ND	0.00020		mg/L	1	1/11/2008 2:05:57 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: NMO
Calcium	69	1.0		mg/L	1	1/14/2008 8:38:00 AM
Magnesium	11	1.0		mg/L	1	1/14/2008 8:38:00 AM
Potassium	2.5	1.0		mg/L	1	1/14/2008 8:38:00 AM
Sodium	35	1.0		mg/L	1	1/14/2008 8:38:00 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	1/11/2008 6:05:30 PM
Barium	0.075	0.020		mg/L	1	1/11/2008 6:05:30 PM
Cadmium	ND	0.0020		mg/L	1	1/11/2008 6:05:30 PM
Chromium	ND	0.0060		mg/L	1	1/11/2008 6:05:30 PM
Lead	ND	0.0050		mg/L	1	1/11/2008 6:05:30 PM
Selenium	ND	0.050		mg/L	1	1/11/2008 6:05:30 PM
Silver	ND	0.0050		mg/L	1	1/11/2008 6:05:30 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	1/10/2008
Acenaphthylene	ND	10		µg/L	1	1/10/2008
Aniline	ND	10		µg/L	1	1/10/2008
Anthracene	ND	10		µg/L	1	1/10/2008
Azobenzene	ND	10		µg/L	1	1/10/2008
Benz(a)anthracene	ND	10		µg/L	1	1/10/2008
Benzo(a)pyrene	ND	10		µg/L	1	1/10/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	1/10/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	1/10/2008
Benzoic acid	ND	20		µg/L	1	1/10/2008
Benzyl alcohol	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	1/10/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	1/10/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-06

Client Sample ID: MW3-010308DUP
Collection Date: 1/3/2008 2:16:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	1/10/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Bulyl benzyl phthalate	ND	10		µg/L	1	1/10/2008
Carbazole	ND	10		µg/L	1	1/10/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	1/10/2008
4-Chloroaniline	ND	10		µg/L	1	1/10/2008
2-Chloronaphthalene	ND	10		µg/L	1	1/10/2008
2-Chlorophenol	ND	10		µg/L	1	1/10/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	1/10/2008
Chrysene	ND	10		µg/L	1	1/10/2008
Di-n-butyl phthalate	ND	10		µg/L	1	1/10/2008
Di-n-octyl phthalate	ND	10		µg/L	1	1/10/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	1/10/2008
Dibenzofuran	ND	10		µg/L	1	1/10/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	1/10/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	1/10/2008
Diethyl phthalate	ND	10		µg/L	1	1/10/2008
Dimethyl phthalate	ND	10		µg/L	1	1/10/2008
2,4-Dichlorophenol	ND	10		µg/L	1	1/10/2008
2,4-Dimethylphenol	ND	10		µg/L	1	1/10/2008
4,6-Dinitro-2-methylphenol	ND	10		µg/L	1	1/10/2008
2,4-Dinitrophenol	ND	20		µg/L	1	1/10/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	1/10/2008
Fluoranthene	ND	10		µg/L	1	1/10/2008
Fluorene	ND	10		µg/L	1	1/10/2008
Hexachlorobenzene	ND	10		µg/L	1	1/10/2008
Hexachlorobutadiene	ND	10		µg/L	1	1/10/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	1/10/2008
Hexachloroethane	ND	10		µg/L	1	1/10/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	1/10/2008
Isophorone	ND	10		µg/L	1	1/10/2008
2-Methylnaphthalene	ND	10		µg/L	1	1/10/2008
2-Methylphenol	ND	10		µg/L	1	1/10/2008
3+4-Methylphenol	ND	10		µg/L	1	1/10/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	1/10/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	1/10/2008
Naphthalene	ND	10		µg/L	1	1/10/2008
2-Nitroaniline	ND	10		µg/L	1	1/10/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-06

Client Sample ID: MW3-010308DUP
Collection Date: 1/3/2008 2:16:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMI-VOLATILES						Analyst: JDC
3-Nitroaniline	ND	10		µg/L	1	1/10/2008
4-Nitroaniline	ND	10		µg/L	1	1/10/2008
Nitrobenzene	ND	10		µg/L	1	1/10/2008
2-Nitrophenol	ND	10		µg/L	1	1/10/2008
4-Nitrophenol	ND	10		µg/L	1	1/10/2008
Pentachlorophenol	ND	10		µg/L	1	1/10/2008
Phenanthrene	ND	10		µg/L	1	1/10/2008
Phenol	ND	10		µg/L	1	1/10/2008
Pyrene	ND	10		µg/L	1	1/10/2008
Pyridine	ND	10		µg/L	1	1/10/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	1/10/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	1/10/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	1/10/2008
Surr: 2,4,6-Tribromophenol	52.6	16.6-150		%REC	1	1/10/2008
Surr: 2-Fluorobiphenyl	73.3	19.6-134		%REC	1	1/10/2008
Surr: 2-Fluorophenol	47.0	9.54-113		%REC	1	1/10/2008
Surr: 4-Terphenyl-d14	96.2	22.7-145		%REC	1	1/10/2008
Surr: Nitrobenzene-d5	69.1	14.6-134		%REC	1	1/10/2008
Surr: Phenol-d5	35.3	10.7-80.3		%REC	1	1/10/2008
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Benzene	ND	1.0		µg/L	1	1/8/2008
Toluene	ND	1.0		µg/L	1	1/8/2008
Ethylbenzene	ND	1.0		µg/L	1	1/8/2008
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/8/2008
Naphthalene	ND	2.0		µg/L	1	1/8/2008
1-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
2-Methylnaphthalene	ND	4.0		µg/L	1	1/8/2008
Acetone	ND	10		µg/L	1	1/8/2008
Bromobenzene	ND	1.0		µg/L	1	1/8/2008
Bromochloromethane	ND	1.0		µg/L	1	1/8/2008
Bromodichloromethane	ND	1.0		µg/L	1	1/8/2008
Bromoform	ND	1.0		µg/L	1	1/8/2008
Bromomethane	ND	1.0		µg/L	1	1/8/2008
2-Butanone	ND	10		µg/L	1	1/8/2008
Carbon disulfide	ND	10		µg/L	1	1/8/2008
Carbon Tetrachloride	ND	1.0		µg/L	1	1/8/2008
Chlorobenzene	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-06

Client Sample ID: MW3-010308DUP
Collection Date: 1/3/2008 2:16:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
Chloroethane	ND	2.0		µg/L	1	1/8/2008
Chloroform	ND	1.0		µg/L	1	1/8/2008
Chloromethane	ND	1.0		µg/L	1	1/8/2008
2-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
4-Chlorotoluene	ND	1.0		µg/L	1	1/8/2008
cis-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/8/2008
Dibromochloromethane	ND	1.0		µg/L	1	1/8/2008
Dibromomethane	ND	1.0		µg/L	1	1/8/2008
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/8/2008
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1-Dichloroethene	ND	1.0		µg/L	1	1/8/2008
1,2-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
1,3-Dichloropropane	ND	1.0		µg/L	1	1/8/2008
2,2-Dichloropropane	ND	2.0		µg/L	1	1/8/2008
1,1-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
Hexachlorobutadiene	ND	1.0		µg/L	1	1/8/2008
2-Hexanone	ND	10		µg/L	1	1/8/2008
Isopropylbenzene	ND	1.0		µg/L	1	1/8/2008
4-Isopropyltoluene	ND	1.0		µg/L	1	1/8/2008
4-Methyl-2-pentanone	ND	10		µg/L	1	1/8/2008
Methylene Chloride	ND	3.0		µg/L	1	1/8/2008
n-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
n-Propylbenzene	ND	1.0		µg/L	1	1/8/2008
sec-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
Styrene	ND	1.0		µg/L	1	1/8/2008
tert-Butylbenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/8/2008
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/8/2008
trans-1,2-DCE	ND	1.0		µg/L	1	1/8/2008
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/8/2008
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/8/2008
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/8/2008
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/8/2008
Trichlorofluoromethane	ND	1.0		µg/L	1	1/8/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 15-Jan-08

CLIENT: CH2M Hill
Lab Order: 0801031
Project: Hobbs Generating Station
Lab ID: 0801031-06

Client Sample ID: MW3-010308DUP
Collection Date: 1/3/2008 2:16:00 PM
Date Received: 1/4/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: SMP
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/8/2008
Vinyl chloride	ND	1.0		µg/L	1	1/8/2008
Xylenes, Total	ND	1.5		µg/L	1	1/8/2008
Surr: 1,2-Dichloroethane-d4	98.5	68.1-123		%REC	1	1/8/2008
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	1/8/2008
Surr: Dibromofluoromethane	101	68.5-119		%REC	1	1/8/2008
Surr: Toluene-d8	102	64-131		%REC	1	1/8/2008
SM 2320B: ALKALINITY						Analyst: TES
Alkalinity, Total (As CaCO3)	180	20		mg/L CaCO3	1	1/12/2008
Carbonate	ND	2.0		mg/L CaCO3	1	1/12/2008
Bicarbonate	180	20		mg/L CaCO3	1	1/12/2008
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: TES
Specific Conductance	560	0.010		µmhos/cm	1	1/9/2008
SM 2540C: TDS						Analyst: TAF
Total Dissolved Solids	390	100		mg/L	1	1/7/2008

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
MCL Maximum Contaminant Level
RL Reporting Limit

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		MBLK			Batch ID: R26794	Analysis Date: 1/4/2008 5:18:01 AM			
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		LCS			Batch ID: R26794	Analysis Date: 1/4/2008 5:35:26 AM			
Fluoride	0.5408	mg/L	0.10	108	90	110			
Chloride	5.147	mg/L	0.10	103	90	110			
Nitrogen, Nitrite (As N)	1.028	mg/L	0.10	103	90	110			
Bromide	2.616	mg/L	0.10	105	90	110			
Nitrogen, Nitrate (As N)	2.574	mg/L	0.10	103	90	110			
Phosphorus, Orthophosphate (As P)	5.187	mg/L	0.50	104	90	110			
Sulfate	10.34	mg/L	0.50	103	90	110			
Method: SM 2320B: Alkalinity									
Sample ID: 0801031-02C MSD		MSD			Batch ID: R26882	Analysis Date: 1/12/2008			
Alkalinity, Total (As CaCO3)	81.00	mg/L CaC	20	101	80	120	0	20	
Sample ID: MBLK		MBLK			Batch ID: R26882	Analysis Date: 1/12/2008			
Alkalinity, Total (As CaCO3)	ND	mg/L CaC	20						
Carbonate	ND	mg/L CaC	2.0						
Bicarbonate	ND	mg/L CaC	20						
Sample ID: LCS		LCS			Batch ID: R26882	Analysis Date: 1/12/2008			
Alkalinity, Total (As CaCO3)	83.00	mg/L CaC	20	104	80	120			
Sample ID: 0801031-02C MS		MS			Batch ID: R26882	Analysis Date: 1/12/2008			
Alkalinity, Total (As CaCO3)	81.00	mg/L CaC	20	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
I	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill

Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R26830

Analysis Date:

1/8/2008

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromochloromethane	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0

Qualifiers:

E Value above quantitation range
 J Analyte detected below quantitation limits
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill
 Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		MBLK			Batch ID: R26830		Analysis Date:		1/8/2008
-Isopropyltoluene	ND	µg/L	1.0						
-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
-Butylbenzene	ND	µg/L	1.0						
-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
1,1,2,2-Tetrachloroethane (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane (TCE)	ND	µg/L	1.0						
1,1,2-Trichloroethane (TCE)	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Methyl chloride	ND	µg/L	1.0						
Arenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		LCS			Batch ID: R26830		Analysis Date:		1/8/2008
Benzene	20.73	µg/L	1.0	104	72.4	126			
Toluene	19.38	µg/L	1.0	98.9	79.2	115			
Chlorobenzene	19.36	µg/L	1.0	96.8	83.1	111			
1,1-Dichloroethene	23.38	µg/L	1.0	117	81.4	122			
1,1,2-Trichloroethene (TCE)	20.29	µg/L	1.0	101	64.4	118			

Qualifiers:

B Value above quantitation range
 Analyte detected below quantitation limits
 RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8270C: Semivolatiles

Sample ID: mb-14789

MBLK

Batch ID: 14799

Analysis Date:

1/10/2008

Acenaphthene	ND	µg/L	10
Acenaphthylene	ND	µg/L	10
Aniline	ND	µg/L	10
Anthracene	ND	µg/L	10
Azobenzene	ND	µg/L	10
Benz(a)anthracene	ND	µg/L	10
Benzo(a)pyrene	ND	µg/L	10
Benzo(b)fluoranthene	ND	µg/L	10
Benzo(g,h,i)perylene	ND	µg/L	10
Benzo(k)fluoranthene	ND	µg/L	10
Benzoic acid	ND	µg/L	20
Benzyl alcohol	ND	µg/L	10
Bis(2-chloroethoxy)methane	ND	µg/L	10
Bis(2-chloroethyl)ether	ND	µg/L	10
Bis(2-chloroisopropyl)ether	ND	µg/L	10
Bis(2-ethylhexyl)phthalate	ND	µg/L	10
4-Bromophenyl phenyl ether	ND	µg/L	10
Butyl benzyl phthalate	ND	µg/L	10
Carbazole	ND	µg/L	10
4-Chloro-3-methylphenol	ND	µg/L	10
4-Chloroaniline	ND	µg/L	10
2-Chloronaphthalene	ND	µg/L	10
2-Chlorophenol	ND	µg/L	10
4-Chlorophenyl phenyl ether	ND	µg/L	10
Chrysene	ND	µg/L	10
Di-n-butyl phthalate	ND	µg/L	10
Di-n-octyl phthalate	ND	µg/L	10
Dibenz(a,h)anthracene	ND	µg/L	10
Dibenzofuran	ND	µg/L	10
1,2-Dichlorobenzene	ND	µg/L	10
1,3-Dichlorobenzene	ND	µg/L	10
1,4-Dichlorobenzene	ND	µg/L	10
3,3'-Dichlorobenzidine	ND	µg/L	10
Diethyl phthalate	ND	µg/L	10
Dimethyl phthalate	ND	µg/L	10
2,4-Dichlorophenol	ND	µg/L	10
2,4-Dimethylphenol	ND	µg/L	10
4,6-Dinitro-2-methylphenol	ND	µg/L	10
2,4-Dinitrophenol	ND	µg/L	20
2,4-Dinitrotoluene	ND	µg/L	10
2,6-Dinitrotoluene	ND	µg/L	10
Fluoranthene	ND	µg/L	10
Fluorene	ND	µg/L	10
Hexachlorobenzene	ND	µg/L	10

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill
 Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-14799	MBLK				Batch ID: 14799		Analysis Date:		1/10/2008
hexachlorobutadiene	ND	µg/L	10						
hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
benzo(1,2,3-cd)pyrene	ND	µg/L	10						
biphenyl	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
4-Methylphenol	ND	µg/L	10						
Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
Nitrosodiphenylamine	ND	µg/L	10						
naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
2,4-dichlorophenol	ND	µg/L	10						
Phenanthrene	ND	µg/L	10						
phenol	ND	µg/L	10						
p-xylene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-14799	LCS				Batch ID: 14799		Analysis Date:		1/10/2008
Acenaphthene	63.24	µg/L	10	63.2	11	123			
4-Chloro-3-methylphenol	124.8	µg/L	10	62.4	15.4	119			
2-Chlorophenol	102.3	µg/L	10	51.2	12.2	122			
1,4-Dichlorobenzene	39.06	µg/L	10	39.1	16.9	100			
2,4-Dinitrotoluene	67.96	µg/L	10	68.0	13	138			
N-Nitrosodi-n-propylamine	55.38	µg/L	10	55.4	9.93	122			
4-Nitrophenol	73.74	µg/L	10	36.9	12.5	87.4			
2,4-dichlorophenol	113.9	µg/L	10	57.0	3.55	114			
Phenol	60.94	µg/L	10	30.5	7.53	73.1			
p-xylene	69.68	µg/L	10	69.6	12.6	140			
1,4-Trichlorobenzene	37.60	µg/L	10	37.6	17.4	98.7			
Sample ID: lcsd-14799	LCSd				Batch ID: 14799		Analysis Date:		1/10/2008
Acenaphthene	64.52	µg/L	10	64.5	11	123	2.00	30.5	
4-Chloro-3-methylphenol	127.0	µg/L	10	63.5	15.4	119	1.80	28.6	
2-Chlorophenol	101.8	µg/L	10	50.9	12.2	122	0.510	107	
1,4-Dichlorobenzene	38.80	µg/L	10	38.8	16.9	100	0.668	62.1	
2,4-Dinitrotoluene	69.44	µg/L	10	69.4	13	138	2.15	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: Icd-14799	LCSD		Batch ID: 14799		Analysis Date: 1/10/2008				
N-Nitrosodi-n-propylamine	54.42	µg/L	10	54.4	9.93	122	1.75	30.3	
4-Nitrophenol	74.88	µg/L	10	37.4	12.5	87.4	1.53	36.3	
Pentachlorophenol	112.8	µg/L	10	56.4	3.55	114	0.988	49	
Phenol	60.10	µg/L	10	30.0	7.53	73.1	1.39	52.4	
Pyrene	68.62	µg/L	10	68.6	12.6	140	1.39	16.3	
1,2,4-Trichlorobenzene	37.98	µg/L	10	38.0	17.4	98.7	1.01	38.4	

Method: EPA 120.1: Specific Conductance									
Sample ID: 0801034-01A DUP	DUP		Batch ID: R26860		Analysis Date: 1/9/2008				
Specific Conductance	598.0	µmhos/cm	0.010				0.998	20	

Method: EPA Method 7470: Mercury									
Sample ID: MB-14848	MBLK		Batch ID: 14848		Analysis Date: 1/11/2008 1:50:03 PM				
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-14848	LCS		Batch ID: 14848		Analysis Date: 1/11/2008 1:51:46 PM				
Mercury	0.005050	mg/L	0.00020	101	80	120			

Method: EPA Method 6010B: Dissolved Metals									
Sample ID: MB	MBLK		Batch ID: R26893		Analysis Date: 1/14/2008 8:17:51 AM				
Calcium	ND	mg/L	1.0						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	1.0						
Sample ID: LCS	LCS		Batch ID: R26893		Analysis Date: 1/14/2008 8:20:54 AM				
Calcium	52.00	mg/L	1.0	103	80	120			
Magnesium	51.75	mg/L	1.0	102	80	120			
Potassium	55.18	mg/L	1.0	100	80	120			
Sodium	54.97	mg/L	1.0	109	80	120			

Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-14805	MBLK		Batch ID: 14805		Analysis Date: 1/11/2008 5:06:34 PM				
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Silver	ND	mg/L	0.0050						
Sample ID: LCS-14805	LCS		Batch ID: 14805		Analysis Date: 1/11/2008 5:09:38 PM				
Barium	0.4905	mg/L	0.010	98.1	80	120			
Cadmium	0.4988	mg/L	0.0020	99.7	80	120			
Chromium	0.5000	mg/L	0.0060	100	80	120			
Lead	0.4909	mg/L	0.0050	97.6	80	120			
Silver	0.5067	mg/L	0.0050	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: CH2M Hill
Project: Hobbs Generating Station

Work Order: 0801031

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: SM 2540C: TDS									
Sample ID: MB-14801		MBLK			Batch ID: 14801	Analysis Date:			1/7/2008
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-14801		LCS			Batch ID: 14801	Analysis Date:			1/7/2008
Total Dissolved Solids	1007	mg/L	20	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
L	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name CH2

Date Received:

1/4/2008

Work Order Number 0801031

Received by: ARS

Checklist completed by:

Signature

Date

Sample ID labels checked by

Initials

Matrix

Carrier name Greyhound

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☒	
Chain of custody present?	Yes ☒	No ☐		
Chain of custody signed when relinquished and received?	Yes ☒	No ☐		
Chain of custody agrees with sample labels?	Yes ☒	No ☐		
Samples in proper container/bottle?	Yes ☒	No ☐		
Sample containers intact?	Yes ☒	No ☐		
Sufficient sample volume for indicated test?	Yes ☒	No ☐		
All samples received within holding time?	Yes ☒	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☒	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☒	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: CH2M Hill

Address: 6001 Indian School Rd, Suite 350

Phone #: 505/400-0125

email or Fax#: gavin@ch2m.com

QA/QC Package:

☒ Standard ☐ Level 4 (Full Validation)

☐ Other

☐ EDD (Type) _____

Project Name: Hobbs Generating Station (HGS)

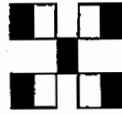
Project #: 352791.05.FW

Project Manager: Jeff Gamlin

Sampler: Jeff Gamlin

Turn Around time:

☐ Standard ☒ Rush 7 day



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	See Remarks	Air Bubbles (Y or N)
01/03/2008	1434	Trip Blank	2 40 mL	HCL	0801031										X			
	1325	EB-010308	8 multiple	multiple	2												X	
	1610	MW1-010308			3												X	
	1530	MW2-010308			4												X	
	1423	MW3-010308			5												X	
	1416	MW3-010308 DUP			6												X	

Date: 01/03/08 Time: 1700

Date: 01/03/08 Time: 9:35

Relinquished by: [Signature]

Relinquished by: [Signature]

Received by: Greyhound

Received by: [Signature]

Remarks: 8260, 8270, RCR 8 metals, cation/anion balance, TDS



CH2MHILL

CH2M HILL

6001 Indian School Road
NE

Suite 350

Albuquerque, NM 87110

Tel 505.884.6600

Fax 505.816.05627

January 21, 2008

Rebecca Cook
New Mexico Environment Department
Harold Runnels Building
1190 St. Francis Drive, P.O. Box 26110
Santa Fe, New Mexico 87502-6110

RE: Discharge Permit, DP-1620, Hobbs Generating Station: Submittal of Required Action #9 – Analysis of Initial Groundwater Samples from Three Monitoring Wells

Dear Ms. Cook:

Please consider this letter as fulfillment of Required Action #9 for Discharge Permit, DP-1620, Hobbs Generating Station. Groundwater samples were collected at the site on January 3, 2008. Samples were collected using dedicated PVC bailers for each well following the purging of three well volumes and the collection of three consecutive field parameter readings within 10-percent of one another. One sample was collected from each of the three site monitoring wells. Additionally, a field duplicate sample was collected from the furthest down-gradient monitoring well, MW-3, and an equipment blank and a trip blank were collected as quality control samples. All samples were sent for analyses to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico, and were analyzed by appropriate EPA methods. Please find enclosed a groundwater results summary table and a copy of the laboratory data report.

The remaining required actions outlined in the discharge permit will be submitted by their appropriate dates. Should you have any questions or need any additional information regarding the information included in this letter please contact me at (505) 884-5600.

Sincerely,

Jeff Gamlin, P.G.
Hydrogeologist

Enclosures: Groundwater Analytical Results Summary Table
Laboratory Data Report

cc: Jim Nolan/CEM
Frank Landis/CEM
Shawn Beveridge/CEM
Steve Finley/CEM
Roger Schnabel/CEM

Table 1. Groundwater Analytical Results Summary, Hobbs Generating Station, Hobbs, New Mexico

Chemical Class & Analytical Method	Analyte	MW-1	MW-2	MW-3	MW-3 Duplicate	Equipment Blank	Trip Blank
		January 3, 2008	January 3, 2008	January 3, 2008	January 3, 2008	January 3, 2008	January 3, 2008
		Pre-Discharge	Pre-Discharge	Pre-Discharge	Pre-Discharge	Pre-Discharge	Pre-Discharge
VOCs (µg/L) - Method 8260	All Analytes	ND	ND	ND	ND	ND	ND
SVOCs (µg/L) - Method 8270	All Analytes	ND	ND	ND	ND	ND	---
Anions (mg/L) - Method 300.0	Fluoride	1.6	1.4	1.4	1.4	ND	---
	Chloride	17	24	28	28	ND	---
	Nitrogen, Nitrite (as N)	ND	ND	ND	ND	ND	---
	Bromide	0.17	0.23	0.20	0.17	ND	---
	Nitrogen, Nitrate (as N)	0.65	1.6	3.7	3.8	ND	---
	Phosphorous, Orthophosphate (as P)	ND	ND	ND	ND	ND	---
	Sulfate	47	49	53	53	ND	---
Alkalinity (mg/L) - Method 2320B	Alkalinity, Total (as CaCO ₃)	180	160	170	180	ND	---
	Carbonate	ND	ND	ND	ND	ND	---
	Bicarbonate	180	160	170	180	ND	---
TDS (mg/L) - Method 2540C	Total Dissolved Solids	600 ^a	320	360	390	66	---
Dissolved Metals (mg/L) - Method 6010B	Calcium	63	64	69	69	ND	---
	Magnesium	11	10	11	11	ND	---
	Potassium	2.7	2.7	2.6	2.5	ND	---
	Sodium	32	31	35	35	ND	---
Total Recoverable Metals (mg/L) - Method 6010B	Arsenic	ND	ND	ND	ND	ND	---
	Barium	0.097	0.099	0.078	0.075	ND	---
	Cadmium	ND	ND	ND	ND	ND	---
	Chromium	ND	ND	ND	ND	ND	---
	Lead	ND	0.0053	0.0052	ND	ND	---
	Selenium	ND	ND	ND	ND	ND	---
	Silver	ND	ND	ND	ND	ND	---
Mercury (mg/L) - Method 7470	Mercury	ND	ND	ND	ND	ND	---
Field Parameters ^b	Temperature (degrees C)	17.58	17.62	17.53		---	---
	pH (standard pH units)	7.43	7.42	7.34		---	---
	Conductivity (mS/cm)	0.544	0.558	0.623		---	---
	Dissolved Oxygen (mg/L)	10.22	10.48	8.68		---	---
	Redox Potential (eH in mV)	-69	68	119		---	---

a. A TDS value of 380 mg/L was recorded from a Horiba U-22 field instrument following the development of well MW-1, the value reported in this table may be a lab error.

b. Field parameters were collected throughout the well purge, reported parameter values were taken at time of sample collection.

ND - not detected --- not analyzed