Chain of Custody Record

3858

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: Tony Russell

ESD SAMPE TYPES
1. SURFACEWATER 6. SOIL/SEDIMENT
2. GROUNDWATER 7. SLUDGE
3. POTABLE WATER 8. WASTE
4. WASTEWATER 9. AIR
5. LEACHATE 10. FISH
11. OTHER

Sampler
A. Chuck Peel
B.
C.

ANALYSIS
(Circle/Add parameter desired. List no. of containers submitted.)

SAMPLE ID	Sample Matrix	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
KEP-GW-010A-012	2	5/31	0930		X		3	3											44476
KEP-GW-010B-012	2	5/31	1045		X		3	3											44477
KEP-GW-010C-012	2	5/31	1110		X		3	3											44478
KEP-GW-002-012	2	5/31	1532		X		3	3											44479
KEP-GW-005-012	2	5/31	1748		X		3	3											44480
CSW-WA3-049	2	6/1	0805		X		3	3											44481
CSW-WA1-049	2	6/1	0820		X		3	3											44482
CSW-WA2-049	2	6/1	0830		X		3	3											44483
CSW-TP-049	2	6/1	0922		X		3	3											44484
KEP-GW-020A-012	2	6/1	1032		X		3	3											44485
KEP-GW-020B-012	2	6/1	1220		X		3	3											44486
KEP-GW-015A-012	2	6/1	1700		X		3	3											44487
KEP-GW-015B-012	2	6/1	1729		X		3	3											44488

Temp 3.5 °C AG

RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)
Tony Russell	Tony Russell	6/2/10 1140	Amy Gray	Amy Gray
RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)

DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY: (PRINT)	(SIGN)
DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY: (PRINT)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lipscomb NPDES Permit No. _____
Discharge No. _____ Date Requested 1/2
Sample Point Identification KEP-GW-015B-012
Requested By Tom Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken monitor well 15B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	1/1	1224
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By [illegible] Date 1/12/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

#3858

4/4/88

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Caswell NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-015A-012
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken Monitor Well 15A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	6/1	1700
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tony Coray Date 6/2/10 Time 1145
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total lead analysis

*Date of Test Initiation

#3858 4/4/87

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cumb NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEC-GW-020B-012
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken monitor well 20B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	6/1	1210
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Emily Grady Date 6/2/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

#3858 4/4/86

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch
NPDES Permit No. _____
Discharge No. _____
Date Requested 6/12
Sample Point Identification KEP-GW-02UA-012
Requested By Tom Russell
Data To T Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____
Collected By C Peal
Where Taken monitor well 2UA

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	6/11	1032
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Emily Conner Date 6/12/10 Time 1141
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			
_____	_____	( )			

Remarks Low level analysis

*Date of Test Initiation

3858

4/4/85

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cyuah NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2
Sample Point Identification CSW-TP-049
Requested By Tom Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken treatment Plant Effluent

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	6/1	0922
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By [illegible] Date 6/2/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Raw Level analyzed

*Date of Test Initiation

#3858

4/4484

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2
Sample Point Identification CSW-WA2-047
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken C.W. well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	~~0530~~ 6/1	0530
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 6/2/83 Time 1144
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Lost tested analysis

*Date of Test Initiation

#3858

6/4/83

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification CSW - W.01-09
Requested By Tim Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken City well #1

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	6/1	0820
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Tony Gray Date 6/2/10 Time 1141
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____

Remarks Trace level analysis

*Date of Test Initiation

#3458

4/4482

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch — NPDES Permit No. _____
Discharge No. _____ — Date Requested 1/12/10
Sample Point Identification CSW - WA3 - 049
Requested By Tony Russell — Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ — Collected By C Bell
Where Taken City well 3

	Type	Parameters	Preservative	Date	Time
1.	Groundwater	VOC	HCL	1/11	0845
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Mary Carol — Date 1/12/10 — Time 1140
Recorded By _____ — Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____

Remarks Total Trihalomethane analysis

*Date of Test Initiation

#3858

4/4/81

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cook NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-005-017
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken monitor well 5

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/28	1248
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Mary Conroy Date 6/2/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____

Remarks low level analysis

*Date of Test Initiation

#3858

4/4480

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KLC
County Code Capital NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-002-017
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Peal
Where Taken monitor well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/21	1432
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Mary McCoy Date 6/2/10 Time 1141
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Lead analyzed

*Date of Test Initiation

#3858

4/4/79

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cowlitz NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-0106-012
Requested By Tom Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Post
Where Taken monitor well 106

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HAL	5/21	1110
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tony Gray Date 6/2/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Trihalomethane analysis

*Date of Test Initiation

3858

4/4/78

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cypress NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-010R-012
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By E Peel
Where Taken Monitor Well 10B

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	5/21	1145
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By [illegible] Date 6/2/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Trace level analysis

*Date of Test Initiation

3858 44477

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 6/2/10
Sample Point Identification KEP-GW-010A-012
Requested By T Rushing Data To T Rushing
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Pool
Where Taken Monitor Well 10A

	Type	Parameters	Preservative	Date	Time
1.	Grab Water	TCL VOC's	HCL	5/31	0730
2.		DRO			
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Mystery Date 6/2/10 Time 1144
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Phenols analysis

*Date of Test Initiation

3858 4/4/76

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA44476
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **05/31/2010**
Lab submittal date: **06/02/2010**
Due date: **11/27/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **09:30**
Lab submittal time: **11:41**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/14/2010
VOLATILE ORGANICS SURROGATES	8260	06/14/2010

Sample I.D. AA44477
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **05/31/2010**
Lab submittal date: **06/02/2010**
Due date: **11/27/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **10:45**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/14/2010
VOLATILE ORGANICS SURROGATES	8260	06/14/2010

Sample I.D. AA44478
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **05/31/2010**
Lab submittal date: **06/02/2010**
Due date: **11/27/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **11:10**
Lab submittal time: **11:42**

Division Code: **3858**

Sample I.D. AA44478 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/14/2010
VOLATILE ORGANICS SURROGATES	8260	06/14/2010

Sample I.D. AA44479
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **05/31/2010**
Lab submittal date: **06/02/2010**
Due date: **11/27/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **15:32**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/14/2010
VOLATILE ORGANICS SURROGATES	8260	06/14/2010

Sample I.D. AA44480
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **05/31/2010**
Lab submittal date: **06/02/2010**
Due date: **11/27/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **17:48**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Sample I.D. AA44480 (continued):

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/14/2010
VOLATILE ORGANICS SURROGATES	8260	06/14/2010

Sample I.D. AA44481
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **08:05**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44482
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **08:20**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44483
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **08:30**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44484
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **09:22**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44485
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **10:32**
Lab submittal time: **11:42**

Division Code: **3858**

Sample I.D. AA44485 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44486
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **12:10**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44487
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CHUCK PEEL**
Collection date: **06/01/2010**
Lab submittal date: **06/02/2010**
Due date: **11/28/2010**
PONUMB: _____

Login record file: **100602001**

Collection time: **17:00**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **DABNEY PROPERTY**
REQUESTED_BY **RONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Sample I.D. AA44487 (continued):

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Sample I.D. AA44488
Location code C0290007
Location Description KUHLMAN ELECTRIC CORPORATION
Sample collector CHUCK PEEL
Collection date: 06/01/2010
Lab submittal date: 06/02/2010
Due date: 11/28/2010
PONUMB: _____

Login record file: 100602001

Collection time: 17:29
Lab submittal time: 11:42

Division Code: 3858

PERMIT_NO MSP091969
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION DABNEY PROPERTY
REQUESTED_BY RONY RUSSELL
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE SV

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	06/15/2010
VOLATILE ORGANICS SURROGATES	8260	06/15/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

Chain of Custody Record

3858

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: Tony Russell

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B. Joe Kubale
C.

SAMPLE ID	Sample Type	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE					TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
								ANALYSIS (Circle/Add parameter desired. List no. of containers submitted.)																
CSW-WA3-048	2	5/11	0755		X	City Well 3	3	3															44303
CSW-WA1-048	2	5/11	0803		X	City Well 1	3	3															44304
CSW-WA2-048	2	5/11	0810		X	City Well 2	3	3															44305
CSW-TP-048	2	5/11	0857		X	Treatment Faucet	3	3															44306
						Temp. 4.0°C																	

RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)	DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY (PRINT)	(SIGN)
Tony Russell	Tony Russell	5/11/11 1455	Tammy Sawyer	Tammy Sawyer					
RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)	DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY (PRINT)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ______
Discharge No. ______ Date Requested 5/11/10
Sample Point Identification CSW-WA3-098
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. Peal
Where Taken City Well # 5

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/11/10	0953
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______
V. LABORATORY: Received By [illegible] Date 5-11-10 Time 1455
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks [illegible] analyses

*Date of Test Initiation

3858

44303

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC

County Code Copiah   NPDES Permit No. ______

Discharge No. ______   Date Requested 5/11/10

Sample Point Identification CSW-WAI-098

Requested By Tony Russell   Data To T. Russell

Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:

Environment Condition ______   Collected By C. Peel

Where Taken City Well 1

Type	Parameters	Preservative	Date	Time
1. groundwater	VOC	HCL	5/11/10	0803
2.				
3.				
4.				
5.				

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______

V. LABORATORY: Received By [illegible]   Date 5-11-10   Time 1455

Recorded By ______   Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Trace level analysis.

*Date of Test Initiation

3858   44304

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ______
Discharge No. WA2 Date Requested 5/11/10
Sample Point Identification CSU - WA2 - 048
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C Peel
Where Taken City Well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/11/10	0810
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______
V. LABORATORY: Received By [illegible signature] Date 5-11-10 Time 1455
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Contract analysis

*Date of Test Initiation

#3858

44305 44305 TS

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I: GENERAL INFORMATION: Facility Name KEC
County Code Caswell NPDES Permit No. _____
Discharge No. _____ Date Requested 5/11/10
Sample Point Identification CSW-TP-04
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/11/10	0857
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By [illegible] Date 5-11-10 Time 1465
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____

Remarks Low Level Analysis

*Date of Test Initiation

#3858

44306

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA44303
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **05/11/2010**
Lab submittal date: **05/11/2010**
Due date: **11/07/2010**
PONUMB: **GROUNDWATER**

Login record file: **100511005**

Collection time: **07:53**
Lab submittal time: **14:56**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA3-048**
SAMPLE_LOCATION **CSW-WA3-048**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	05/25/2010
VOLATILE ORGANICS SURROGATES	8260	05/25/2010

Sample I.D. AA44304
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **05/11/2010**
Lab submittal date: **05/11/2010**
Due date: **11/07/2010**
PONUMB: **GROUNDWATER**

Login record file: **100511005**

Collection time: **08:03**
Lab submittal time: **14:56**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-048**
SAMPLE_LOCATION **CSW-WA1-048**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	05/25/2010
VOLATILE ORGANICS SURROGATES	8260	05/25/2010

Sample I.D. AA44305
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **05/11/2010**
Lab submittal date: **05/11/2010**
Due date: **11/07/2010**
PONUMB: **GROUNDWATER**

Login record file: **100511005**

Collection time: **08:10**
Lab submittal time: **14:56**

Division Code: **3858**

Sample I.D. AA44305 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA2-048**
SAMPLE_LOCATION **CSW-WA2-048**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	05/25/2010
VOLATILE ORGANICS SURROGATES	8260	05/25/2010

Sample I.D. AA44306
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **05/11/2010**
Lab submittal date: **05/11/2010**
Due date: **11/07/2010**
PONUMB: **GROUNDWATER**

Login record file: **100511005**

Collection time: **08:57**
Lab submittal time: **14:56**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-TP-048**
SAMPLE_LOCATION **CSW-TP-048**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	05/25/2010
VOLATILE ORGANICS SURROGATES	8260	05/25/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA44303
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA3-048
Location Code:	C0290007
Other No.:	CSW-WA3-048
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	05/11/2010
Time Collected:	753
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	05/11/2010
Time Received at Lab:	1455

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	*8260*	*<MQL*	*µg/L*	*5*	*BBATES*
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	*8260*	*<MQL*	*µg/L*	*5*	*BBATES*
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	92	%	80-120	BBATES
Dibromofluromethane	8260	88	%	80-118	BBATES
p-Bromoflurobenzene	8260	91	%	80-115	BBATES
Toluene-d8	8260	105	%	80-118	BBATES

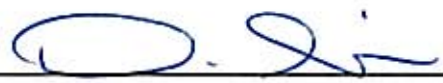
ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL THREE
COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 05/28/2010

Validated By 

Date Report Printed 05/28/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 5/11/10
Sample Point Identification CSW-WA3-048
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	5/4/10	0753
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tommy Davis Date 5-11-10 Time 1455
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858

44303

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA44304
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA1-048
Location Code:	C0290007
Other No.:	CSW-WA1-048
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	05/11/2010
Time Collected:	803
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	05/11/2010
Time Received at Lab:	1455

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	1.23 trace	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	94	%	80-120	BBATES
Dibromofluromethane	8260	90	%	80-118	BBATES
p-Bromoflurobenzene	8260	89	%	80-115	BBATES
Toluene-d8	8260	106	%	80-118	BBATES

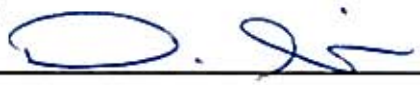
ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL ONE
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 05/28/2010

Validated By 

Date Report Printed 05/28/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ________

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah
NPDES Permit No. ________
Discharge No. ________
Date Requested 5/11/10
Sample Point Identification CSW-WA1-048
Requested By Tony Russell
Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ________

II. SAMPLE IDENTIFICATION:
Environment Condition ________
Collected By C. Peel
Where Taken City Well 1

Type	Parameters	Preservative	Date	Time
1. groundwater	VOC	HCL	5/11/10	0803
2.				
3.				
4.				
5.				

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ________

V. LABORATORY: Received By Sammy Days Date 5-11-10 Time 1455
Recorded By ________ Date Sent to State Office ________

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3158

44304

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA44305
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA2-048
Location Code:	C0290007
Other No.:	CSW-WA2-048
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	05/11/2010
Time Collected:	810
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	05/11/2010
Time Received at Lab:	1455

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	826	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	826	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	94	%	80-120	BBATES
Dibromofluromethane	8260	91	%	80-118	BBATES
p-Bromoflurobenzene	8260	86	%	80-115	BBATES
Toluene-d8	8260	104	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL TWO
COLLECTOR: CHUCK PEEL AND JOE KUBALE- FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 05/28/2010

Validated By 

Date Report Printed 05/28/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. WA2 Date Requested 5/4/10
Sample Point Identification CSA-WA2-048
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Peel
Where Taken City Well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	5/4/10	0810
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tommy Triggs Date 5-11-10 Time 1455
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation 4/28/3838

44305 44305

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA44306	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-TP-048	Requested By:	TONY RUSSELL
		Date Collected:	05/11/2010
Location Code:	C0290007	Time Collected:	857
Other No.:	CSW-TP-048	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	05/11/2010
Latitude:		Time Received at Lab:	1455
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
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1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
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1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
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1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	99	%	80-120	BBATES
Dibromofluromethane	8260	95	%	80-118	BBATES
p-Bromoflurobenzene	8260	88	%	80-115	BBATES
Toluene-d8	8260	104	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: TREATMENT PLANT FAUCET
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 05/28/2010

Validated By 

Date Report Printed 05/28/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 5/11/10
Sample Point Identification CSW-TP-048
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	grandwater	VOC	HCL	5/11/10	0757
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Tommy Sawyer Date 5-11-10 Time 1455
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

44306

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

3858

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: Tony Russell

ESD SAMPE TYPES
1. SURFACEWATER 6. SOIL/SEDIMENT
2. GROUNDWATER 7. SLUDGE
3. POTABLE WATER 8. WASTE
4. WASTEWATER 9. AIR
5. LEACHATE 10. FISH
11. OTHER

Sampler
A. Chuck Peel
B.
C.

ANALYSIS (Circle/Add parameter desired. List no. of containers submitted.)

SAMPLE ID	Sample Type	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
CSW-WA3-047	2	4/13	0752		X	City Well #3	3	3											44050
CSW-WA1-047	2	4/13	0808		X	City Well #1	3	3											44051
CSW-WA2-047	2	4/13	0818		X	City Well #2	3	3											44052
CSW-TP-047	2	4/13	0922		X	Treatment Plant	3	3											44053

Temp - 2.5 °C

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Rossell	4/14/10 1100	Tammy Sawyer			
(SIGN) Tony Russell		(SIGN) Tammy Sawyer		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

PAGE ____ OF ____

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM — Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name: KEC
County Code: Copiah — NPDES Permit No. ______
Discharge No. ______ — Date Requested: 4/14/10
Sample Point Identification: MS... 043-042
Requested By: Tony Russell — Data To: T. Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ — Collected By: C. Paul
Where Taken: [illegible]

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC's	HCl	4/13/10	0737
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______

V. LABORATORY: Received By: Tammy Dawes — Date: 4-14-10 — Time: 1150
Recorded By ______ — Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
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		( )			
		( )			
		( )			

Remarks: [illegible]

*Date of Test Initiation

#3858 — 44050

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM   Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah   NPDES Permit No. ______
Discharge No. ______   Date Requested 4/14/10
Sample Point Identification [illegible]
Requested By [illegible] Russell   Data To [illegible] Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______   Collected By C. [illegible]
Where Taken City [illegible] - [illegible] st.

Type	Parameters	Preservative	Date	Time
1. groundwater	VOCs	HCL	4/13/10	0808
2.				
3.				
4.				
5.				

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By [illegible signature]   Date 4.14.10   Time 1150
Recorded By ______   Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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		( )			
		( )			
		( )			

Remarks [illegible]

*Date of Test Initiation   #3858

44051

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KEC
County Code [illegible] NPDES Permit No. ____
Discharge No. ____ Date Requested 4/19/10
Sample Point Identification [illegible]-047
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) ____

II. SAMPLE IDENTIFICATION:
Environment Condition [illegible] Collected By C. Pool
Where Taken City Well # 2 - Kirk St.

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	4/13/10	0818
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By [illegible] Date 4.14.10 Time 1150
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks [illegible] Analysis

*Date of Test Initiation

#3858

44052

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KGC
County Code Cinch NPDES Permit No. _____
Discharge No. 001 Date Requested 4/14/10
Sample Point Identification ~~CSW - Outfall~~ TP-047
Requested By Terri Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Wet Collected By C. Pool
Where Taken TP-047 - Instant Plant Effluent

Type	Parameters	Preservative	Date	Time
1. Grab/Auto	VOC	HCl	4/14/10	0927
2.				
3.				
4.				
5.				

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Donna Davis Date 4.14.10 Time 1150
Recorded By X Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
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		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 44053

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA44050 Login record file: **100414004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **04/13/2010** Collection time: **07:57**
Lab submittal date: **04/14/2010** Lab submittal time: **11:53**
Due date: **10/10/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA3-047**
SAMPLE_LOCATION **CSW-WA3-047**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	04/27/2010
VOLATILE ORGANICS SURROGATES	8260	04/27/2010

Sample I.D. AA44051 Login record file: **100414004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **04/13/2010** Collection time: **08:08**
Lab submittal date: **04/14/2010** Lab submittal time: **11:53**
Due date: **10/10/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-047**
SAMPLE_LOCATION **CSW-WA1-047**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	04/27/2010
VOLATILE ORGANICS SURROGATES	8260	04/27/2010

Sample I.D. AA44052 Login record file: **100414004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **04/13/2010** Collection time: **08:18**
Lab submittal date: **04/14/2010** Lab submittal time: **11:53**
Due date: **10/10/2010**
PONUMB: _____ Division Code: **3858**

Sample I.D. AA44052 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA2-047**
SAMPLE_LOCATION **CSW-WA2-047**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	04/27/2010
VOLATILE ORGANICS SURROGATES	8260	04/27/2010

Sample I.D. AA44053 Login record file: **100414004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **04/13/2010** Collection time: **09:22**
Lab submittal date: **04/14/2010** Lab submittal time: **11:53**
Due date: **10/10/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-TP-047**
SAMPLE_LOCATION **CSW-TP-047**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	04/27/2010
VOLATILE ORGANICS SURROGATES	8260	04/27/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA44051	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-WA1-047	Requested By:	TONY RUSSELL
		Date Collected:	04/13/2010
Location Code:	C0290007	Time Collected:	808
Other No.:	CSW-WA1-047	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	04/14/2010
Latitude:		Time Received at Lab:	1150
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	100	%	80-120	BBATES
Dibromofluromethane	8260	98	%	80-118	BBATES
p-Bromoflurobenzene	8260	99	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL ONE - KIRK STREET
REMARKS: LOW LEVEL ANALYSIS
COLLECTOR: CHUCK PEEL

Sample Validation Date 04/30/2010

Validated By

Date Report Printed 04/30/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 4/14/10
Sample Point Identification CSW-WP1-047
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #1 - Kirk st.

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOCs	HCL	4/13/10	0800
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) [illegible] Vehicle ( ) Other ( )
V. LABORATORY: Received By Jonny Sawyer Date 4.14.10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

#3858

44051

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL	
Sample ID:	AA44052
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA2-047
Location Code:	C0290007
Other No.:	CSW-WA2-047
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	
Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	04/13/2010
Time Collected:	818
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	04/14/2010
Time Received at Lab:	1150

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	826	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	103	%	80-120	BBATES
Dibromofluromethane	8260	101	%	80-118	BBATES
p-Bromoflurobenzene	8260	96	%	80-115	BBATES
Toluene-d8	8260	106	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL TWO - KIRK STREET
REMARKS: LOW LEVEL ANALYSIS
COLLECTOR: CHUCK PEEL

Sample Validation Date 04/30/2010

Validated By

Date Report Printed 04/30/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 4/14/10
Sample Point Identification CSW-WAZ-047
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition Collected By C. Peel
Where Taken City Well #2 - Kirk St.

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	4/13/10	0818
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Sonny Sawyer Date 4.14.10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analyses

*Date of Test Initiation

#3858

44052

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA44053	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-TP-047	Requested By:	TONY RUSSELL
		Date Collected:	04/13/2010
Location Code:	C0290007	Time Collected:	922
Other No.:	CSW-TP-047	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	04/14/2010
Latitude:		Time Received at Lab:	1150
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	826	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	102	%	80-120	BBATES
Dibromofluromethane	8260	98	%	80-118	BBATES
p-Bromoflurobenzene	8260	97	%	80-115	BBATES
Toluene-d8	8260	102	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: TREATMENT PLANT
REMARKS: LOW LEVEL ANALYSIS
COLLECTOR: CHUCK PEEL

Sample Validation Date 04/30/2010

Validated By

Date Report Printed 04/30/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. ~~DAH~~ Date Requested 4/14/10
Sample Point Identification CSW - ~~DAH~~ TP-047
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition ~~DAH~~ Collected By C. Peel
Where Taken CSW - TP - treatment plant faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	4/13/10	0922
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) MO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tommy Davis Date 4.14.10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

44053

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA44050
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA3-047
Location Code:	C0290007
Other No.:	CSW-WA3-047
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	04/13/2010
Time Collected:	757
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	04/14/2010
Time Received at Lab:	1150

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	103	%	80-120	BBATES
Dibromofluromethane	8260	99	%	80-118	BBATES
p-Bromoflurobenzene	8260	97	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL THREE - OSBORNE STREET
REMARKS: LOW LEVEL ANALYSIS
COLLECTOR: CHUCK PEEL

Sample Validation Date 04/30/2010

Validated By

Date Report Printed 04/30/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 4/14/10
Sample Point Identification CSW-WA3-047
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #3 - Osborne St.

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOCs	HCl	4/13/10	0757
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tammy Sawyer Date 4.14.10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____
_____	_____	( )	_____	_____	_____

Remarks low level analysis

*Date of Test Initiation

#3858 44050

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

#3858

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: T. Russell

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B.
C.

SAMPLE ID	Sample Type (2)	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE					TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
KEP-GW-28-002		3/4	1100		X	Monitor Well 28	3	3															43708
KEP-GW-29-002		3/4	1140		X	Monitor Well 29	3	3															43709
KEP-GW-027-011		3/4	2012		X	Monitor Well 27	3	3															43710
KEP-GW-022-04		3/3	1644		X	Monitor Well 22	3	3															43711

Temp. 3.5°C

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Russell	3/5/10 1140	Tammy Sawyer			
(SIGN) Tony Russell		(SIGN) Tammy Sawyer		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA43708 Login record file: **100305003**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/04/2010** Collection time: **11:00**
Lab submittal date: **03/05/2010** Lab submittal time: **11:44**
Due date: **08/31/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GW-028-002**
SAMPLE_LOCATION **KEP-GW-028-002**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/18/2010
VOLATILE ORGANICS SURROGATES	8260	03/18/2010

Sample I.D. AA43709 Login record file: **100305003**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/04/2010** Collection time: **11:40**
Lab submittal date: **03/05/2010** Lab submittal time: **11:44**
Due date: **08/31/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GW-029-002**
SAMPLE_LOCATION **KEP-GW-029-002**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/18/2010
VOLATILE ORGANICS SURROGATES	8260	03/18/2010

Sample I.D. AA43710 Login record file: **100305003**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/04/2010** Collection time: **20:12**
Lab submittal date: **03/05/2010** Lab submittal time: **11:44**
Due date: **08/31/2010**
PONUMB: _____ Division Code: **3858**

Sample I.D. AA43710 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GW-027-011**
SAMPLE_LOCATION **KEP-GW-027-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/18/2010
VOLATILE ORGANICS SURROGATES	8260	03/18/2010

Sample I.D. AA43711
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/03/2010**
Lab submittal date: **03/05/2010**
Due date: **08/30/2010**
PONUMB: _____

Login record file: **100305003**

Collection time: **16:44**
Lab submittal time: **11:44**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GW-021-011**
SAMPLE_LOCATION **KEP-GW-022-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/17/2010
VOLATILE ORGANICS SURROGATES	8260	03/17/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 3/5/10
Sample Point Identification KEP-GW-02F-002
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 28

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/4/10	1100
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 3/5/10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks four Total analyses

*Date of Test Initiation 3858

43706

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ______
Discharge No. ______ Date Requested 3/5/10
Sample Point Identification KEP-GW-029-002
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. Peel
Where Taken Monitor Well #29

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/4/10	1140
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Dargin Date 3-5-10 Time 1140
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Trace level analysis

*Date of Test Initiation

#3858

43709

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cayuga NPDES Permit No. _____
Discharge No. _____ Date Requested 3/5/10
Sample Point Identification KEP-GW-027-011
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Leal
Where Taken Monitor Well 27

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/4/10	2012
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By _____ Date 3-5-10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Tow level analyzed

*Date of Test Initiation

#3858

43710

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Wash NPDES Permit No. _____
Discharge No. _____ Date Requested 3/5/10
Sample Point Identification KEC-GW-022-011
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) / Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitoring Well # 22

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	3/3/10	1640
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By _____ Date 3-5-10 Time 1140
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analytes

*Date of Test Initiation

3858

43711

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS: # 3858

DATA TO: T. Russell

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B.
C.

SAMPLE ID	Sample Type	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
KEP-GW-021A-011	2	2/28	1403		X		3	3											43481
KEP-GW-021B-011		2/28	1754		X		3	3											43482
KEP-GW-08A-011		3/1	1052		X		3	3											43483
KEP-GW-08B-011		3/1	1121		X		3	3											43484
CSW-WA3-046		3/2	0825		X		3	3											43485
CSW-WA1-046		3/2	0836		X		3	3											43486
CSW-WA2-046		3/2	0847		X		3	3											43487
CSW-TP-046		3/2	1108		X		3	3											43488
KEP-GW-011A-011		3/2	1140		X		3	3											43489
KEP-GW-011B-011		3/2	1400		X		3	3								(46390)			43490
KEP-GW-003-016		3/2	1556		X		3	3											43491

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Russell (SIGN)	3/3/10 1420	Tommy Sawyer (SIGN)		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

PAGE ____ OF ____ 09/07

Samples were cold Due to short distance temp blank is 11° (TS) per D. Singleton

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA43681 Login record file: **100303004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/28/2010** Collection time: **14:03**
Lab submittal date: **03/03/2010** Lab submittal time: **14:22**
Due date: **08/27/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 021A-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/14/2010
VOLATILE ORGANICS SURROGATES	8260	03/14/2010

Sample I.D. AA43682 Login record file: **100303004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/28/2010** Collection time: **17:54**
Lab submittal date: **03/03/2010** Lab submittal time: **14:22**
Due date: **08/27/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 021B-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/14/2010
VOLATILE ORGANICS SURROGATES	8260	03/14/2010

Sample I.D. AA43683 Login record file: **100303004**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/01/2010** Collection time: **10:52**
Lab submittal date: **03/03/2010** Lab submittal time: **14:22**
Due date: **08/28/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

Sample I.D. AA43683 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 018A-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/15/2010
VOLATILE ORGANICS SURROGATES	8260	03/15/2010

Sample I.D. AA43684
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/01/2010**
Lab submittal date: **03/03/2010**
Due date: **08/28/2010**
PONUMB: **GROUNDWATER**

Login record file: **100303004**

Collection time: **11:21**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 018B-011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/15/2010
VOLATILE ORGANICS SURROGATES	8260	03/15/2010

Sample I.D. AA43685
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: **GROUNDWATER**

Login record file: **100303004**

Collection time: **08:25**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW WA3-046**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Sample I.D. AA43685 (continued):

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43686
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: **GROUNDWATER**

Login record file: **100303004**

Collection time: **08:26**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW WA1-046**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43687
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: _____

Login record file: **100303004**

Collection time: **08:47**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW WA2-046**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43688
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: _____

Login record file: **100303004**

Collection time: **10:08**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW TP-046**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43689
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: _____

Login record file: **100303004**

Collection time: **11:40**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 11A 011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43690
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: _____

Login record file: **100303004**

Collection time: **14:00**
Lab submittal time: **14:22**

Division Code: **3858**

Sample I.D. AA43690 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 11B 011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Sample I.D. AA43691
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **03/02/2010**
Lab submittal date: **03/03/2010**
Due date: **08/29/2010**
PONUMB: _____

Login record file: **100303004**

Collection time: **15:56**
Lab submittal time: **14:22**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 003 011**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	03/16/2010
VOLATILE ORGANICS SURROGATES	8260	03/16/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code C[illegible] NPDES Permit No. ______
Discharge No. ______ Date Requested 3/3/10
Sample Point Identification KEP-GW-021A-011
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. Peel
Where Taken Monitor well 21A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOCs	HCL	2/28	1403
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By [illegible] Date 3/3/10 Time 1420
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks to be tested in-house

*Date of Test Initiation #3158 43651 43682 TS

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cynch NPDES Permit No. _____
Discharge No. _____ Date Requested 3/3/10
Sample Point Identification KEP-GW-021B-011
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pal
Where Taken Monitor well 21B

	Type	Parameters	Preservative	Date	Time
1.	grab/soil	VOC	HCl	2/26/10	1754
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 3/3/10 Time 1420
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Local level analysis

*Date of Test Initiation 3858

43682 43683 75

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____________

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah
NPDES Permit No. ____________
Discharge No. ____________
Date Requested 3/3/10
Sample Point Identification KEP-GW-018A-011
Requested By Tony Russell
Data To T Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) ____________

II. SAMPLE IDENTIFICATION:
Environment Condition ____________
Collected By C. Pool
Where Taken ____________

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/8/10	1052
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ____________

V. LABORATORY: Received By ____________ Date ____________ Time ____________
Recorded By ____________ Date Sent to State Office ____________

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Tic level analytes

*Date of Test Initiation #3858 43683 43684 TS

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____________

I. GENERAL INFORMATION: Facility Name KEC
County Code Cyprit   NPDES Permit No. 3/3/10
Discharge No.   Date Requested T Russell
Sample Point Identification KEP-GW-VRB-011
Requested By Tracy Russell   Data To T Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition   Collected By C Peal
Where Taken monitor well 1BB

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/1	1121
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By ____ Date ____ Time ____
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation   # 3858   43684 ~~43685~~

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KCC
County Code Lynch
NPDES Permit No.
Discharge No.
Date Requested 3/3/10
Sample Point Identification CSW-WH 3-046
Requested By Tony Russell
Data To T Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition
Collected By C. Peel
Where Taken City well 3 - Osborne St.

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	3/2	0825
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By
Date Time
Recorded By
Date Sent to State Office

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Two total analyses

*Date of Test Initiation

3858 13685 436860

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah
NPDES Permit No. ______
Discharge No. ______
Date Requested 3/3/10
Sample Point Identification CSW-TP-146
Requested By Tony Russell
Data To T Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______
Collected By C. Peel
Where Taken Treatment Plant

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/2/10	1008
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______

V. LABORATORY: Received By ______ Date ______ Time ______
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks for [illegible] analysis

*Date of Test Initiation

#3838 4[illegible]88 ~~43689~~

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KLC
County Code Copiah NPDES Permit No. ____
Discharge No. ____ Date Requested 3/3/10
Sample Point Identification CSW - WAI - 046
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition ____ Collected By C. Peel
Where Taken City well #1 - Rick St.

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	3/2/10	0836
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ____

V. LABORATORY: Received By ____ Date ____ Time ____
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
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Remarks low level analysis

*Date of Test Initiation

3858 43686 ~~43687~~ TS

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ______
Discharge No. ______ Date Requested 3/3/10
Sample Point Identification CSM-WA2-041
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (A) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. Peel
Where Taken City Well #2 - Kirk St.

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCl	3/2/10	0847
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______

V. LABORATORY: Received By ______ Date ______ Time ______
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
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Remarks low level analysis

*Date of Test Initiation [illegible]858 4[illegible]687 43688 TJ

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ______
Discharge No. ______ Date Requested 3/3/10
Sample Point Identification KEP-GW-011A-011
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. Peal
Where Taken Monitor well 11A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	3/2/10	1141
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ______

V. LABORATORY: Received By ______ Date ______ Time ______
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
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Remarks low level analysis

*Date of Test Initiation #3858 43689 ~~43611~~ ~~4368~~ TS

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lincoln NPDES Permit No. _____
Discharge No. _____ Date Requested 3/3/11
Sample Point Identification KEP-GW-GWB-01
Requested By Tony Kissell Data To T. Kissell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Earl
Where Taken Monitor Well MW3

	Type	Parameters	Preservative	Date	Time
1.	Groundwater	VOC	HCl	3/2/11	1460
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By _____ Date _____ Time _____
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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Remarks Low level analysis

*Date of Test Initiation

3858

43690

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lenoir NPDES Permit No. _____
Discharge No. _____ Date Requested 3/3/11
Sample Point Identification KEP-GW-003-U16
Requested By Terry R. Sell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peal
Where Taken Water well # 3

	Type	Parameters	Preservative	Date	Time
1.	Groundwater	VOC	HCl	3/2/11	1556
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By _____ Date _____ Time _____
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
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Remarks Low level analysis

*Date of Test Initiation 3/3/58

43691

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: T. RUSSELL

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER_____

Sampler
A. Chuck Peel
B. Joe Kubale
C. _____

SAMPLE ID	Sample Type	2010 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	ANALYSIS (Circle/Add parameter desired. List no. of containers submitted.) VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE					TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
CSW-WA1-045	2	2/2	0836		X	City Well 1	3	3														43328
CSW-WA2-045	2	2/2	0848		X	City well 2	3	3														43329
CSW-WA3-045	2	2/2	0909		X	City Well 3	3	3														43330
CSW-TP-045	2	2/2	1009		X	Treatment Plant	3	3														43331

Temp. 1.5°C TR (TS)

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN) Tony Russell	2/3/10 1135	(SIGN) Tammy Sawyer		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC
County Code [illegible] NPDES Permit No. ______
Discharge No. ______ Date Requested 2/3/11
Sample Point Identification City-Well-045
Requested By [illegible] Kittrell Data To J. Kittrell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition ______ Collected By C. [illegible]
Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	[illegible]	VOC	HCL	2/2/11	0836
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 2/3/10 Time 1135
Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
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		( )			

Remarks Turn Total Analysis

*Date of Test Initiation

58

42329

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah
NPDES Permit No. ____
Discharge No. ____
Date Requested 2/3/10
Sample Point Identification CSW-WA2-045
Requested By Tony Russell
Data To T. Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( ) ____

II. SAMPLE IDENTIFICATION:
Environment Condition ____
Collected By C Peel
Where Taken City Well #2

	Type	Parameters	Preservative	Date	Time
1.	purchase	VOC	HCl	2/2/10	0848
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tammy Darger Date 2/3/10 Time 1135
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
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Remarks two Tenet analysis

*Date of Test Initiation

38

43327

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch NPDES Permit No. _____
Discharge No. _____ Date Requested 2/3/10
Sample Point Identification CSW - WA3-005
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City well #3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	2/2/10	0929
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 2/2/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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		( )			
		( )			
		( )			

Remarks Total Coliform analysis

*Date of Test Initiation

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cayuga NPDES Permit No. _____
Discharge No. _____ Date Requested 2/2/10
Sample Point Identification CSW-TP-045
Requested By Tony Bucci II Data To T Kessell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition Treatment Plant Collected By C. Peel
Where Taken Treatment Plant

	Type	Parameters	Preservative	Date	Time
1.	grab	VOC	HCl	2/2/10	1109
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By _____ Date 2/3/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Two final analysis

*Date of Test Initiation

#3558 43331

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA43328
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/02/2010**
Lab submittal date: **02/03/2010**
Due date: **08/01/2010**
PONUMB: **GROUNDWATER**

Login record file: **100203005**

Collection time: **08:26**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-045**
SAMPLE_LOCATION **CSW-WA1-045**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	02/16/2010
VOLATILE ORGANICS SURROGATES	8260	02/16/2010

Sample I.D. AA43329
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/02/2010**
Lab submittal date: **02/03/2010**
Due date: **08/01/2010**
PONUMB: **GROUNDWATER**

Login record file: **100203005**

Collection time: **08:48**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA2-045**
SAMPLE_LOCATION **CSW-WA2-045**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	02/16/2010
VOLATILE ORGANICS SURROGATES	8260	02/16/2010

Sample I.D. AA43330
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/02/2010**
Lab submittal date: **02/03/2010**
Due date: **08/01/2010**
PONUMB: **GROUNDWATER**

Login record file: **100203005**

Collection time: **09:09**
Lab submittal time: **11:42**

Division Code: **3858**

Sample Receipt Page 2

Sample I.D. AA43330 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA3-045**
SAMPLE_LOCATION **CSW-WA3-045**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	02/16/2010
VOLATILE ORGANICS SURROGATES	8260	02/16/2010

Sample I.D. AA43331
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **02/02/2010**
Lab submittal date: **02/03/2010**
Due date: **08/01/2010**
PONUMB: **GROUNDWATER**

Login record file: **100203005**

Collection time: **10:09**
Lab submittal time: **11:42**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-TP-045**
SAMPLE_LOCATION **CSW-TP-045**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	02/16/2010
VOLATILE ORGANICS SURROGATES	8260	02/16/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43328
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA1-045
Location Code:	C0290007
Other No.:	CSW-WA1-045
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	023 CLARKE
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	02/02/2010
Time Collected:	836
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	02/03/2010
Time Received at Lab:	1135

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	106	%	80-120	BBATES
Dibromofluromethane	8260	108	%	80-118	BBATES
p-Bromoflurobenzene	8260	97	%	80-115	BBATES
Toluene-d8	8260	102	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter
mg/L: milligrams/Liter
mg/kg: milligrams/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion

<: less than
MCL: Maximum Contaminant Level
MDL: Method Detection Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

>: greater than
z: surrogate
COC Date: Date Chain of Custody Signed
COC TIME: Time Chain of Custody

SAMPLE COMMENTS

WHERE TAKEN: MONITOR CITY WELL ONE
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 02/23/2010

Validated By

Date Report Printed 02/23/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Caswell NPDES Permit No. _____
Discharge No. _____ Date Requested 2/3/10
Sample Point Identification CSW-WAT-045
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	2/2/10	0836
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Jamy Sawyer Date 2/3/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analysis

*Date of Test Initiation

3858

43328

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43329
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA2-045
Location Code:	C0290007
Other No.:	CSW-WA2-045
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	023 CLARKE
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	02/03/2010
Time Collected:	848
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	02/03/2010
Time Received at Lab:	1135

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	110	%	80-118	BBATES
p-Bromoflurobenzene	8260	96	%	80-115	BBATES
Toluene-d8	8260	102	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: MONITOR CITY WELL TWO
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 03/03/2010

Validated By _____

Date Report Printed 03/03/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 2/3/10
Sample Point Identification CSW-WA2-045
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Peel
Where Taken City well #2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	2/2/10	0848
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) PO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tammy Dawson Date 2/3/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

43329

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43330
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA3-045
Location Code:	C0290007
Other No.:	CSW-WA3-045
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	023 CLARKE
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	02/02/2010
Time Collected:	909
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	02/03/2010
Time Received at Lab:	1135

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	111	%	80-120	BBATES
Dibromofluromethane	8260	113	%	80-118	BBATES
p-Bromoflurobenzene	8260	95	%	80-115	BBATES
Toluene-d8	8260	102	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter
mg/L: milligrams/Liter
mg/kg: milligrams/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion

<: less than
MCL: Maximum Contaminant Level
MDL: Method Detection Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

>: greater than
z: surrogate
COC Date: Date Chain of Custody Signed
COC TIME: Time Chain of Custody

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL THREE
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 02/23/2010

Validated By

Date Report Printed 02/23/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 2/3/10
Sample Point Identification CSW-WA3-045
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Reed
Where Taken City Well #3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	2/2/10	0909
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) PO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tommy Dauzat Date 2/3/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

43330

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43331
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-TP-045
Location Code:	C0290007
Other No.:	CSW-TP-045
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	023 CLARKE
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	02/02/2010
Time Collected:	1009
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	02/03/2010
Time Received at Lab:	1135

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	109	%	80-120	BBATES
Dibromofluromethane	8260	110	%	80-118	BBATES
p-Bromoflurobenzene	8260	97	%	80-115	BBATES
Toluene-d8	8260	93	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter
mg/L: milligrams/Liter
mg/kg: milligrams/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion

<: less than
MCL: Maximum Contaminant Level
MDL: Method Detection Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

>: greater than
z: surrogate
COC Date: Date Chain of Custody Signed
COC TIME: Time Chain of Custody

SAMPLE COMMENTS

WHERE TAKEN: TREATMENT PLANT FAUCET
COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 02/23/2010

Validated By

Date Report Printed 02/23/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 2/3/10
Sample Point Identification CSW-TP-045
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Treatment Plant

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	2/2/10	1009
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) PO Vehicle ( ) Other ( )
V. LABORATORY: Received By Tammy Dauzat Date 2/3/10 Time 1135
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

#3858

43331

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

3858

Chain of Custody Record

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: T. Russell

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B. Joe Kubale
C.

SAMPLE ID	Sample Type	Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
CSW-WA3-044	2	1/5 2010	0932		X	City Well 3	3	3											43046
CSW-WA1-044	2	1/5	0943		X	City Well 1	3	3											43047
CSW-WA2-044	2	1/5	0959		X	City Well 2	3	3											43048
CSW-TP-044	2	1/5	1107		X	Treatment Plant Faucet	3	3											43049
						Cooler temp 1°C													

ANALYSIS
(Circle/Add parameter desired. List no. of containers submitted.)

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Russell	1-6-10 1150	Kathy Farris			
(SIGN) Tony Russell		(SIGN) Kathy Farris		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA43046
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **01/05/2010**
Lab submittal date: **01/06/2010**
Due date: **07/04/2010**
PONUMB: _____

Login record file: **100106003**

Collection time: **09:32**
Lab submittal time: **11:57**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA3-044**
SAMPLE_LOCATION **CITY WELL #3**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	01/19/2010
VOLATILE ORGANICS SURROGATES	8260	01/19/2010

Sample I.D. AA43047
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **01/05/2010**
Lab submittal date: **01/06/2010**
Due date: **07/04/2010**
PONUMB: _____

Login record file: **100106003**

Collection time: **09:43**
Lab submittal time: **11:57**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-044**
SAMPLE_LOCATION **CITY WELL #1**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	01/19/2010
VOLATILE ORGANICS SURROGATES	8260	01/19/2010

Sample I.D. AA43048
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **01/05/2010**
Lab submittal date: **01/06/2010**
Due date: **07/04/2010**
PONUMB: _____

Login record file: **100106003**

Collection time: **09:59**
Lab submittal time: **11:57**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA2-044**
SAMPLE_LOCATION **CITY WELL #2**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	01/19/2010
VOLATILE ORGANICS SURROGATES	8260	01/19/2010

Sample I.D. AA43049
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **01/05/2010**
Lab submittal date: **01/06/2010**
Due date: **07/04/2010**
PONUMB: _____

Login record file: **100106003**

Collection time: **11:07**
Lab submittal time: **11:57**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-TP-044**
SAMPLE_LOCATION **TREATMENT PLANT FAUCET**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	01/19/2010
VOLATILE ORGANICS SURROGATES	8260	01/19/2010

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah
NPDES Permit No. ____
Discharge No. ____
Date Requested 1/6/10
Sample Point Identification CSW-TP-044
Requested By Tony Russell
Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ____

II. SAMPLE IDENTIFICATION:
Environment Condition ____
Collected By C. Peal
Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	1/5/10	1107
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) ____

V. LABORATORY: Received By [illegible] Date 1/6/10 Time 1151
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

385P 43049

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WA2-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (✓) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peal
Where Taken City well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	1/5/10	0959
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By [illegible] Date 1/6/10 Time 1151
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858

43048

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WAI-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City well 1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	1/5/10	0943
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Kathy Fowler Date 1-6-10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Ion Level analysis

*Date of Test Initiation

3158

43047

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cyuh NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WA3-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well 3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	1/5/10	0932
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Kathy Farmer Date 1-6-10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 43046

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43047
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA1-044
Location Code:	C0290007
Other No.:	CSW-WA1-044
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	01/05/2010
Time Collected:	943
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	KATHY FARRIS
Date Received at Lab:	01/06/2010
Time Received at Lab:	1150

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	1.39 trace	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	103	%	80-120	BBATES
Dibromofluromethane	8260	118	%	80-118	BBATES
p-Bromoflurobenzene	8260	98	%	80-115	BBATES
Toluene-d8	8260	103	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS
WHERE TAKEN: CITY WELL ONE

Sample Validation Date 01/22/2010

Validated By 

Date Report Printed 01/22/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WA1-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well 1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	1/5/10	0943
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Kathy Farris Date 1-6-10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858 43047

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43048
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA2-044
Location Code:	C0290007
Other No.:	CSW-WA2-044
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	01/05/2010
Time Collected:	959
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	KATHY FARRIS
Date Received at Lab:	01/06/2010
Time Received at Lab:	1150

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	105	%	80-118	BBATES
p-Bromoflurobenzene	8260	98	%	80-115	BBATES
Toluene-d8	8260	105	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS
WHERE TAKEN: CITY WELL TWO

Sample Validation Date 01/22/2010

Validated By

Date Report Printed 01/22/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WA2-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City well 2

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	1/5/10	0959
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus (X) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Kathy Favors Date 1-6-10 Time 1150
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858

43048

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
Sample ID:	AA43046	Basin:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	QA Type:	
Location Description:	CSW-WA3-044	Division Code:	3858
		Requested By:	TONY RUSSELL
Location Code:	C0290007	Date Collected:	01/05/2010
Other No.:	CSW-WA3-044	Time Collected:	932
		Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	KATHY FARRIS
Master AI No.:	3738	Date Received at Lab:	01/06/2010
Latitude:		Time Received at Lab:	1150
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	104	%	80-120	BBATES
Dibromofluromethane	8260	106	%	80-118	BBATES
p-Bromoflurobenzene	8260	98	%	80-115	BBATES
Toluene-d8	8260	105	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS
WHERE TAKEN: CITY WELL THREE

Sample Validation Date 01/22/2010

Validated By

Date Report Printed 01/22/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cyuga NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-WA3-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well 3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	1/5/10	0932
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Kathy Farrow Date 1-6-10 Time 1130
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 43046

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA43049
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-TP-044
Location Code:	C0290007
Other No.:	CSW-TP-044
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	01/05/2010
Time Collected:	1107
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	KATHY FARRIS
Date Received at Lab:	01/06/2010
Time Received at Lab:	1150

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	106	%	80-120	BBATES
Dibromofluromethane	8260	107	%	80-118	BBATES
p-Bromoflurobenzene	8260	97	%	80-115	BBATES
Toluene-d8	8260	95	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS
WHERE TAKEN: TREATMENT PLANT FAUCET

Sample Validation Date 01/22/2010

Validated By 

Date Report Printed 01/22/2010

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lenoir NPDES Permit No. _____
Discharge No. _____ Date Requested 1/6/10
Sample Point Identification CSW-TP-044
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peal
Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	1/5/10	1107
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Kathy Farmer Date 1-6-10 Time 1151
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Trihalomethane analysis

*Date of Test Initiation

3858 43049

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B.
C.

REMARKS:

DATA TO: Tony Russell

ANALYSIS
(Circle/Add parameter desired. List no. of containers submitted.)

SAMPLE ID	Sample Type (2)	2009 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE					TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
KEP-GW-028-001		12/6	1501		X	Monitor Well 28	3	3															42898
KEP GW-029-001		12/6	1342		X	Monitor Well 29	3	3															42899

Temp. 1.5°C

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Russell	12/7/09 0910	Tammy Sawyer			
(SIGN) Tony Russell		(SIGN) Tammy Sawyer		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lynch NPDES Permit No. _____
Discharge No. _____ Date Requested 12/2/09
Sample Point Identification KEP-GW-028-001
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken Monitor Well 28

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/6/09	1501
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By _____ Date 12/6/09 Time 0705
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analysis

*Date of Test Initiation

3858

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12-7-09
Sample Point Identification KEP-GW-029-001
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken Monitor Well 29

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/6/09	1342
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 12/7/09 Time 0905
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3458

12/8/09

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA42898 Login record file: **091207001**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/06/2009** Collection time: **15:01**
Lab submittal date: **12/07/2009** Lab submittal time: **09:10**
Due date: **06/04/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GEP-028-001**
SAMPLE_LOCATION **KEP-GW-028-001**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	12/20/2009
VOLATILE ORGANICS SURROGATES	8260	12/20/2009

Sample I.D. AA42899 Login record file: **091207001**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/06/2009** Collection time: **13:42**
Lab submittal date: **12/07/2009** Lab submittal time: **09:10**
Due date: **06/04/2010**
PONUMB: _____ Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **KEP-GEP-029-001**
SAMPLE_LOCATION **KEP-GW-029-001**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	12/20/2009
VOLATILE ORGANICS SURROGATES	8260	12/20/2009

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42899
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	KEP-GW-029-001
Location Code:	C0290007
Other No.:	KEP-GEP-029-001
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	12/06/2009
Time Collected:	1342
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	12/07/2009
Time Received at Lab:	0905

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	107	%	80-120	BBATES
Dibromofluromethane	8260	100	%	80-118	BBATES
p-Bromoflurobenzene	8260	94	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 12/21/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12-7-09
Sample Point Identification KEP-GW-029-001
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 29

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	12/6/09	1342
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tammy Sawyer Date 12/7/09 Time 0905
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

#3858

42899

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42898	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	KEP-GW-028-001	Requested By:	TONY RUSSELL
		Date Collected:	12/06/2009
Location Code:	C0290007	Time Collected:	1501
Other No.:	KEP-GEP-028-001	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	12/07/2009
Latitude:		Time Received at Lab:	0905
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	106	%	80-120	BBATES
Dibromofluromethane	8260	99	%	80-118	BBATES
p-Bromoflurobenzene	8260	93	%	80-115	BBATES
Toluene-d8	8260	108	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 12/21/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Coastal NPDES Permit No. _____
Discharge No. _____ Date Requested 12/2/09
Sample Point Identification KEP-GW-028-001
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 28

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/6/09	1501
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Tony Date 12/6/09 Time 0905
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low Level Analysis's

*Date of Test Initiation

#3858

42898

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: Tony Russell

ESD SAMPE TYPES
1. SURFACEWAER 6. SOIL/SEDMENT
2. GROUNDWATER 7. SLUDGE
3. POTABLE WATER 8. WASTE
4. WASTEWATER 9. AIR
5. LEACHATE 10. FISH
11. OTHER

Sampler
A. Chuck Pool
B.
C.

SAMPLE ID	Sample Type (2)	2009 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
							ANALYSIS (Circle/Add parameter desired. List no. of containers submitted.)												
KEP-GW-014A-010		11/30	1420		X	Monitor Well 14A	3	3											42870
KEP-GW-014B-010		11/30	1450		X	Monitor Well 14B	3	3											42871
KEP-GW-007-015		11/30	1540		X	Monitor Well 7	3	3											42872
KEP-GW-008-015		11/30	1605		X	Monitor Well 8	3	3											42873
																			42874
CSW-WA3-043	2	12/1	0906		X	City Well 3	3	3											42874
CSW-WA1-043	2	12/1	0918		X	City Well 1	3	3											42875
CSW-TP-043	2	12/1	1018		X	Treatment Plant	3	3											42876
KEP-GW-017B-010		12/1	1055		X	Monitor Well 17B	3	3											42877
KEP-GW-017A-010		12/1	1120		X	Monitor Well 17A	3	3											42878
KEP-GW-023A-010		12/1	1430		X	Monitor Well 23A	3	3											4285
KEP-GW-023B-010		12/1	1500		X	Monitor Well 23B	3	3											42880
KEP-GW-025-010		12/2	1244		X	Monitor Well 25	3	3											42881
						Temp 2.0C AG													

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN) Tony Russell	12/3/09 1128	(SIGN) Amy Gray		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA42870
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/30/2009**
Lab submittal date: **12/03/2009**
Due date: **05/29/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **14:20**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 014A 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42871
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/30/2009**
Lab submittal date: **12/03/2009**
Due date: **05/29/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **14:50**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 014B 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42872
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/30/2009**
Lab submittal date: **12/03/2009**
Due date: **05/29/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **15:40**
Lab submittal time: **11:36**

Division Code: **3858**

Sample I.D. AA42872 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 007 015**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42873
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/30/2009**
Lab submittal date: **12/03/2009**
Due date: **05/29/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **16:05**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 008 015**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42874
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **09:06**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW WA3 043**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Sample I.D. AA42874 (continued):

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42875
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **09:18**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW WA1 043**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42876
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **10:18**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **CSW TP 043**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42877
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **10:55**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 017B 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42878
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **11:20**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 017A 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42879
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **14:30**
Lab submittal time: **11:36**

Division Code: **3858**

Sample I.D. AA42879 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 023A 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42880
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/01/2009**
Lab submittal date: **12/03/2009**
Due date: **05/30/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **15:00**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 023B 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Sample I.D. AA42881
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **12/02/2009**
Lab submittal date: **12/03/2009**
Due date: **05/31/2010**
PONUMB: _____

Login record file: **091203007**

Collection time: **12:44**
Lab submittal time: **11:36**

Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO _____
SAMPLE_LOCATION **KEP GW 025 010**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Sample I.D. AA42881 (continued):

Analyses ordered	Method	Due Date
EPA 8260 VOLATILE ORGANICS IN WATER	8260	12/14/2009
VOLATILE ORGANICS SURROGATES	8260	12/14/2009

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Lenawee NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP GW-025-0D
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 25

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/2/09	1244
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mrs Casey Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Level Analysis

*Date of Test Initiation

3858

42881

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Cuyahoga NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification KEP-GW-023B-MW

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Peel

Where Taken Monitor Well 23B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1500
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Gray Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42880

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Cumb NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification KEC-GW-023A-011

Requested By T. Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Peel

Where Taken Monitor well 23A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1430
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mary Gray Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3458

42879

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Caswell NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification KEPLGW017A-010

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Pool

Where Taken Monitor well 17A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1120
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Gray Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 4/28/78

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. ____
Discharge No. ____ Date Requested 12/3/09
Sample Point Identification KEP-GW-0178-010
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ____

II. SAMPLE IDENTIFICATION:
Environment Condition ____ Collected By C. Reed
Where Taken Monitor well 17B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1055
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By [illegible signature] Date 12/3/09 Time 1128
Recorded By ____ Date Sent to State Office ____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks tar level analysis

*Date of Test Initiation

3858 L12877

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Capell NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification CSW-TP-043

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Reel

Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1018
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mu Gray Date 12/3/09 Time 1122

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
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		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42876

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Cynch NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification CSW-WA1-043

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Rel

Where Taken City well 1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	12/1/09	0918
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Gray Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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Remarks low level analysis

*Date of Test Initiation

3458

42875

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Copiah NPDES Permit No. _____

Discharge No. _____ Date Requested 12/3/09

Sample Point Identification CSW-WAT-093

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Peel

Where Taken City well 3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	0926
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Amy Gray Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42874

BUREAU OF POLLUTION CONTROL

SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC

County Code Copiah NPDES Permit No. _____

Discharge No. _____ Date Requested 12/2/09

Sample Point Identification KEC-GW-MW-015

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:

Environment Condition _____ Collected By C. Peel

Where Taken Monitor Well 8

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/30/09	1105
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 12/3/09 Time 1128

Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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Remarks low level analysis

*Date of Test Initiation

*3658

42873

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-007-05
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken Monitor Well 7

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	11/30/09	1540
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mary Corlay Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
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		( )			
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Remarks for total analysis

*Date of Test Initiation

#3858

42572

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-14B-DIV
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 14B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/20/09	1450
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
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Remarks Low level analysis

*Date of Test Initiation

3858

42871

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Caplah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KER-GW-014A-DW
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 14A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/30/09	1420
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____

V. LABORATORY: Received By Mary Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
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Remarks Low level analysis

*Date of Test Initiation

3858

4/2870

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42872	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	KEP GW 007 015	Requested By:	TONY RUSSELL
		Date Collected:	11/30/2009
Location Code:	C0290007	Time Collected:	1540
Other No.:	KEP-GW-007-015	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	104	%	80-120	BBATES
Dibromofluromethane	8260	101	%	80-118	BBATES
p-Bromoflurobenzene	8260	93	%	80-115	BBATES
Toluene-d8	8260	106	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 7

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-007-015
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 7

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/30/09	1540
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mary Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

#3858

42872

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42871
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	KEP GW 014B 010
Location Code:	C0290007
Other No.:	KEP-GW-014B-010
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	11/30/2009
Time Collected:	1450
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	AMY GRAY
Date Received at Lab:	12/03/2009
Time Received at Lab:	1128

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	106	%	80-120	BBATES
Dibromofluromethane	8260	101	%	80-118	BBATES
p-Bromoflurobenzene	8260	95	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 14 B

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-14B-010
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (x) / Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 14B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/30/09	1450
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By [illegible] Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858

42871

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42870
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	KEP GW 014A 010
Location Code:	C0290007
Other No.:	KEP-GW-014A-010
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	11/30/2009
Time Collected:	1420
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	AMY GRAY
Date Received at Lab:	12/03/2009
Time Received at Lab:	1128

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	104	%	80-120	BBATES
Dibromofluromethane	8260	98	%	80-118	BBATES
p-Bromoflurobenzene	8260	94	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 14 A

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-014A-010
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 14A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/30/09	1420
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Amy Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 42870

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
Sample ID:	AA42874	Basin:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	QA Type:	
Location Description:	CSW WA3 043	Division Code:	3858
		Requested By:	TONY RUSSELL
Location Code:	C0290007	Date Collected:	12/01/2009
Other No.:	CSW-WA3-043	Time Collected:	906
		Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	107	%	80-120	BBATES
Dibromofluromethane	8260	101	%	80-118	BBATES
p-Bromoflurobenzene	8260	94	%	80-115	BBATES
Toluene-d8	8260	106	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: CITY WELL 3

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification CSW-WA3-043
Requested By Tony Russell Data To Ty Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well 3

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	0906
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Amy Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42874

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42873
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	KEP GW 008 015
Location Code:	C0290007
Other No.:	KEP-GW-008-015
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	11/30/2009
Time Collected:	1605
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	AMY GRAY
Date Received at Lab:	12/03/2009
Time Received at Lab:	1128

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	6.21	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	100	%	80-118	BBATES
p-Bromoflurobenzene	8260	93	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 8

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-008-015
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 8

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	11/30/09	1605
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [illegible] Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

#3858

42873

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
Sample ID:	AA42876	Basin:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	QA Type:	
Location Description:	CSW TP 043	Division Code:	3858
		Requested By:	TONY RUSSELL
Location Code:	C0290007	Date Collected:	12/01/2009
Other No.:	CSW-TP-043	Time Collected:	1018
		Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	98	%	80-118	BBATES
p-Bromoflurobenzene	8260	93	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: TREATMENT PLANT FAUCET

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification CSW-TP-043
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1018
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42876

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42875
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW WA1 043
Location Code:	C0290007
Other No.:	CSW-WA1-043
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	12/01/2009
Time Collected:	918
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	AMY GRAY
Date Received at Lab:	12/03/2009
Time Received at Lab:	1128

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	1.61 trace	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	104	%	80-120	BBATES
Dibromofluromethane	8260	98	%	80-118	BBATES
p-Bromoflurobenzene	8260	95	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: CITY WELL 1

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cupiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification CSW-WA1-043
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well 1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	12/1/09	0918
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42875

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42878	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	KEP GW 017A 010	Requested By:	TONY RUSSELL
		Date Collected:	12/01/2009
Location Code:	C0290007	Time Collected:	1120
Other No.:	KEP-GW-017A-010	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	31.5	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	107	%	80-120	BBATES
Dibromofluromethane	8260	99	%	80-118	BBATES
p-Bromoflurobenzene	8260	94	%	80-115	BBATES
Toluene-d8	8260	108	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 17 A

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-017A-010
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (x) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 17A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1120
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Gray Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858 4/2878

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42877	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	KEP GW 017B 010	Requested By:	TONY RUSSELL
		Date Collected:	12/01/2009
Location Code:	C0290007	Time Collected:	1055
Other No.:	KEP-GW-017B-010	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	10.3	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	99	%	80-118	BBATES
p-Bromoflurobenzene	8260	95	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 17 B

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cswah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-017B-010
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 17B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1055
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )
V. LABORATORY: Received By Mysterious Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42877

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42881	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	KEP GW 025 010	Requested By:	TONY RUSSELL
		Date Collected:	12/02/2009
Location Code:	C0290007	Time Collected:	1244
Other No.:	KEP-GW-025-010	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	100	%	80-118	BBATES
p-Bromoflurobenzene	8260	95	%	80-115	BBATES
Toluene-d8	8260	108	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 25

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-025-010
Requested By Tony Russell Data To To Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 25

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/2/09	1244
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mary Coday Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Total Level Analysis

*Date of Test Initiation

3858

42881

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
Sample ID:	AA42880	Basin:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	QA Type:	
Location Description:	KEP GW 023B 010	Division Code:	3858
		Requested By:	TONY RUSSELL
Location Code:	C0290007	Date Collected:	12/01/2009
Other No.:	KEP-GW-023B-010	Time Collected:	1500
		Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	AMY GRAY
Master AI No.:	3738	Date Received at Lab:	12/03/2009
Latitude:		Time Received at Lab:	1128
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	21.7	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	107	%	80-120	BBATES
Dibromofluromethane	8260	100	%	80-118	BBATES
p-Bromoflurobenzene	8260	96	%	80-115	BBATES
Toluene-d8	8260	107	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 23 B

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 12/3/09
Sample Point Identification KEP-GW-023B-010
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Monitor Well 23B

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1500
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Amy Craig Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42880

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42879
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	KEP GW 023A 010
Location Code:	C0290007
Other No.:	KEP-GW-023A-010
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	12/01/2009
Time Collected:	1430
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	AMY GRAY
Date Received at Lab:	12/03/2009
Time Received at Lab:	1128

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	105	%	80-120	BBATES
Dibromofluromethane	8260	100	%	80-118	BBATES
p-Bromoflurobenzene	8260	96	%	80-115	BBATES
Toluene-d8	8260	111	%	80-118	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS WHERE TAKEN: MONITOR WELL 23 A

Sample Validation Date 12/16/2009

Validated By

Date Report Printed 12/21/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cobb
NPDES Permit No. _____
Discharge No. _____
Date Requested 12/3/09
Sample Point Identification KEC-GW-023A-010
Requested By T. Russell
Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( )

II. SAMPLE IDENTIFICATION:
Environment Condition _____
Collected By C. Peel
Where Taken Monitor Well 23A

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	12/1/09	1430
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Mary Grady Date 12/3/09 Time 1128
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level analysis

*Date of Test Initiation

3858

42879

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

3458

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

REMARKS:

DATA TO: T Russell

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Paul
B.
C.

ANALYSIS
(Circle/Add parameter desired. List no. of containers submitted.)

SAMPLE ID	Sample Type	2009 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE					TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
CSW-WA1-042	2	11/3	0805		X	City Well #1	3	3															42453
CSW-WA2-042	2	11/3	0815		X	City Well #2	3	3															42454
CSW-TP-042	2	11/3	0905		X	Treatment Plant	3	3															42455
						Cooler temp 3.0°C +2																	

RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)	DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY: (PRINT)	(SIGN)
Tony Russell	Tony Russell	11-4-09 1025	Kimmy Sawyer						
RELINQUISHED BY: (PRINT)	(SIGN)	DATE/TIME	RECEIVED BY: (PRINT)	(SIGN)	DATE/TIME	RELINQUISHED BY: (PRINT)	(SIGN)	RECEIVED BY: (PRINT)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

09/07

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 11-4-09
Sample Point Identification CSW-WAT-042
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Pool
Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/3/09	0805
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 11.4.09 Time 1025
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks VOA level analysis

*Date of Test Initiation

3858 42453

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Cuyuh NPDES Permit No. _____
Discharge No. _____ Date Requested 11/4/09
Sample Point Identification GSW-WA2-042
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #2

	Type	Parameters	Preservative	Date	Time
1.	Ground water	VOC	HCL	11/3/09	0815
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By _____ Date 11.4.09 Time 1024
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( ),			

Remarks Low level Analysis

*Date of Test Initiation

#3958 42454

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 11/4/09
Sample Point Identification CSW-TP-042
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) / Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Ped
Where Taken treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/3/09	0905
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 11.4.09 Time 1025
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks tax test analysis

*Date of Test Initiation

3858

42455

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA42453 Login record file: **091104007**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/03/2009** Collection time: **08:05**
Lab submittal date: **11/04/2009** Lab submittal time: **10:34**
Due date: **05/02/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-042**
SAMPLE_LOCATION **CSW-WA1-042**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	11/17/2009
VOLATILE ORGANICS SURROGATES	8260	11/17/2009

Sample I.D. AA42454 Login record file: **091104007**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/03/2009** Collection time: **08:15**
Lab submittal date: **11/04/2009** Lab submittal time: **10:34**
Due date: **05/02/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-WA2-042**
SAMPLE_LOCATION **CSW-WA2-042**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	11/17/2009
VOLATILE ORGANICS SURROGATES	8260	11/17/2009

Sample I.D. AA42455 Login record file: **091104007**
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **11/03/2009** Collection time: **09:05**
Lab submittal date: **11/04/2009** Lab submittal time: **10:34**
Due date: **05/02/2010**
PONUMB: **GROUNDWATER** Division Code: **3858**

Sample Receipt Page 2

Sample I.D. AA42455 (continued):

PERMIT_NO **MSP091969**
DISCHARGE_NO _____
OTHER_NO **CSW-TP-042**
SAMPLE_LOCATION **CSW-TP-042**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	11/17/2009
VOLATILE ORGANICS SURROGATES	8260	11/17/2009

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42453	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-WA1-042	Requested By:	TONY RUSSELL
		Date Collected:	11/03/2009
Location Code:	C0290007	Time Collected:	805
Other No.:	CSW-WA1-042	Sample Collector:	CPEEL
Permit No.:	MSP091969	Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	11/04/2009
Latitude:		Time Received at Lab:	1025
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	1.60 trace	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	100	%	80	BBATES
Dibromofluromethane	8260	102	%	80	BBATES
p-Bromoflurobenzene	8260	97	%	80	BBATES
Toluene-d8	8260	104	%	80	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL ONE
COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 11/13/2009

Validated By

Date Report Printed 11/13/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. ______

I. GENERAL INFORMATION: Facility Name KEC

County Code ______ NPDES Permit No. ______

Discharge No. ______ Date Requested 11-4-09

Sample Point Identification CSW-WA1-042

Requested By Tony Russell Data To T. Russell

Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) ______

II. SAMPLE IDENTIFICATION:

Environment Condition ______ Collected By C. Peel

Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCL	11/3/09	0805
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By [signature] Date 11.4.09 Time 1025

Recorded By ______ Date Sent to State Office ______

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/1		*
COD	(000340)	( )	mg/1		
TOC	(000680)	( )	mg/1		
Suspended Solids	(099000)	( )	mg/1		
TKN	(000625)	( )	mg/1		
Ammonia-N	(000610)	( )	mg/1		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/1		
Oil and Grease(1)	(000550)	( )	mg/1		
Oil and Grease(2)	(000550)	( )	mg/1		
Chlorides	(099016)	( )	mg/1		
Phenol	(032730)	( )	mg/1		
Total Chromium	(001034)	( )	mg/1		
Hex. Chromium	(001032)	( )	mg/1		
Zinc	(001092)	( )	mg/1		
Copper	(001042)	( )	mg/1		
Lead	(017501)	( )	mg/1		
Cyanide	(000722)	( )	mg/1		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

#3858 42453

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42454
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-WA2-042
Location Code:	C0290007
Other No.:	CSW-WA2-042
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	11/03/2009
Time Collected:	815
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	11/04/2009
Time Received at Lab:	1025

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	98	%	80	BBATES
Dibromofluromethane	8260	101	%	80	BBATES
p-Bromoflurobenzene	8260	99	%	80	BBATES
Toluene-d8	8260	102	%	80	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: CITY WELL TWO
COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 11/13/2009

Validated By

Date Report Printed 11/13/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 11/4/09
Sample Point Identification CSW-WA2-042
Requested By Tony Rustell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken City Well #2

	Type	Parameters	Preservative	Date	Time
1.	ground water	VOC	HCL	11/3/09	0815
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Tony Davis Date 11.4.09 Time 1024
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analysis

*Date of Test Initiation

#3858 42454

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL

Sample ID:	AA42455
Location Name:	KUHLMAN ELECTRIC CORPORATION
Location Description:	CSW-TP-042
Location Code:	C0290007
Other No.:	CSW-TP-042
Permit No.:	MSP091969
Discharge No.:	
Master AI No.:	3738
Latitude:	
Longitude:	

Study:	GARD
County:	029 COPIAH
Basin:	
QA Type:	
Division Code:	3858
Requested By:	TONY RUSSELL
Date Collected:	11/03/2009
Time Collected:	905
Sample Collector:	CPEEL
Delivery Mode:	SV
Received at Lab by:	TAMMY SAWYER
Date Received at Lab:	11/04/2009
Time Received at Lab:	1025

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
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2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
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Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
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Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES

trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	98	%	80	BBATES
Dibromofluromethane	8260	102	%	80	BBATES
p-Bromoflurobenzene	8260	97	%	80	BBATES
Toluene-d8	8260	103	%	80	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS

WHERE TAKEN: TREATMENT PLANT FAUCET
COLLECTOR: CHUCK PEEL - FIELD CONSULTANT
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 11/13/2009

Validated By

Date Report Printed 11/13/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code _____ NPDES Permit No. _____
Discharge No. _____ Date Requested 11/4/09
Sample Point Identification CSW-TP-042
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) / Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Reed
Where Taken treatment Plant Faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	11/3/09	0905
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Amy Davis Date 11.4.09 Time 1025
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

3858

42455

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Chain of Custody Record

8 #3858

OFFICE OF POLLUTION
CONTROL LABORATORY
1542 OLD WHITFIELD ROAD
PEARL, MS 39208-9186

PROJECT NAME: KEC

PROJECT LOCATION: Crystal Springs

ESD SAMPE TYPES
1. SURFACEWAER
2. GROUNDWATER
3. POTABLE WATER
4. WASTEWATER
5. LEACHATE
6. SOIL/SEDMENT
7. SLUDGE
8. WASTE
9. AIR
10. FISH
11. OTHER

Sampler
A. Chuck Peel
B. Joe Kubale
C.

REMARKS:

DATA TO: Tony Russell

SAMPLE ID	Sample Type	2009 Date	Time	Comp	Grab	DESCRIPTION	TOTAL CONTAINERS	VOA	Semivolatiles	Pest/PCB's	Metals	PAH	DRO	GRO	BTEX/MTBE	TAG NO./REMARKS:	Custody Seals Intact at Lab	Seals Not Intact upon Receipt by Lab	LAB USE ONLY
CSW-WA1-041		10/6	0827		x	City Well #1	3	3											42088
CSW-TP-041		10/6	0932		x	Treatment Plant	3	3											42089

ANALYSIS
(Circle/Add parameter desired. List no. of containers submitted.)

Temp. 2.0°

RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
Tony Russell (SIGN)	10/7/09 1125 Hrs	Tommy Sawyer (SIGN)		(SIGN)	(SIGN)
RELINQUISHED BY: (PRINT)	DATE/TIME	RECEIVED BY: (PRINT)	DATE/TIME	RELINQUISHED BY: (PRINT)	RECEIVED BY: (PRINT)
(SIGN)		(SIGN)		(SIGN)	(SIGN)

DISTRIBUTIONS: White and Yellow copies accompany sample shipment to laboratory; Yellow copy retained by laboratory
White copy is returned to samplers; Pink copy retained by samplers.

PAGE _____ OF _____

09/07

Sample Receipt

Mississippi DEQ/OPC Laboratory

Sample I.D. AA42088
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **10/06/2009**
Lab submittal date: **10/07/2009**
Due date: **04/04/2010**
PONUMB: _____

Login record file: **091007002**

Collection time: **08:27**
Lab submittal time: **11:29**

Division Code: **3858**

PERMIT_NO _____
DISCHARGE_NO _____
OTHER_NO **CSW-WA1-041**
SAMPLE_LOCATION **CSW-WA1-041**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	10/20/2009
VOLATILE ORGANICS SURROGATES	8260	10/20/2009

Sample I.D. AA42089
Location code **C0290007**
Location Description **KUHLMAN ELECTRIC CORPORATION**
Sample collector **CPEEL**
Collection date: **10/06/2009**
Lab submittal date: **10/07/2009**
Due date: **04/04/2010**
PONUMB: _____

Login record file: **091007002**

Collection time: **09:32**
Lab submittal time: **11:29**

Division Code: **3858**

PERMIT_NO _____
DISCHARGE_NO _____
OTHER_NO **CSW-TP-041**
SAMPLE_LOCATION **CSW-TP-041**
REQUESTED_BY **TONY RUSSELL**
LATITUDE _____
LONGITUDE _____
DELIVERY_MODE **SV**

Analyses ordered	Method	Due Date
VOLATILE ORGANICS IN WATER	8260	10/20/2009
VOLATILE ORGANICS SURROGATES	8260	10/20/2009

Please refer to the indicated sample I.D. numbers whan making inquiries.

Received by: _____

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 10/7/07
Sample Point Identification CSW - TP-041
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken Treatment Plant faucet

	Type	Parameters	Preservative	Date	Time
1.	Grab Sample	VOC	HCl	10/7/07	0932
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By _____ Date 10.07.07 Time 1125
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks four level analysis

*Date of Test Initiation

42059

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Gaston NPDES Permit No. _____
Discharge No. _____ Date Requested 10/16/89
Sample Point Identification ESW-KA1-041
Requested By Tony Rudell Data To T Rudell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Peel
Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	Grab/Surface	VOC	HCl	10/16/89	0827
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Tony Rudell Date 10.17.89 Time 1125
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analysis

*Date of Test Initiation

#3858

42088

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42088	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-WA1-041	Requested By:	TONY RUSSELL
		Date Collected:	10/06/2009
Location Code:	C0290007	Time Collected:	827
Other No.:	CSW-WA1-041	Sample Collector:	CPEEL
Permit No.:		Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	10/07/2009
Latitude:		Time Received at Lab:	1125
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	1.98 trace	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	8260	<MQL	µg/L	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	100	%	80	BBATES
Dibromofluromethane	8260	98	%	80	BBATES
p-Bromoflurobenzene	8260	93	%	80	BBATES
Toluene-d8	8260	104	%	80	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter
mg/L: milligrams/Liter
mg/kg: milligrams/kilogram
ug/g: micrograms/gram
ppm: parts per million
ppb: parts per billion

<: less than
MCL: Maximum Contaminant Level
MDL: Method Detection Limit
LSPC: result less than lower specification
USPC: result greater than upper specification
TIE: Tentatively Identified or Estimated

>: greater than
z: surrogate
COC Date: Date Chain of Custody Signed
COC TIME: Time Chain of Custody

SAMPLE COMMENTS COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANTS
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 10/19/2009

Validated By

Date Report Printed 10/19/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 10/7/09
Sample Point Identification CSW-WA1-04
Requested By Tony Russell Data To T Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C Peel
Where Taken City Well #1

	Type	Parameters	Preservative	Date	Time
1.	Groundwater	VOC	HCl	10/6/09	0827
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( ) _____
V. LABORATORY: Received By Tony Davis Date 10.7.09 Time 1125
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks Low level Analysis

*Date of Test Initiation

3858

42088

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Office of Pollution Control Laboratory
1542 Old Whitfield Road
Pearl MS 39208
601-961-5701

Sample Results

To: TONY RUSSELL		Study:	GARD
		County:	029 COPIAH
		Basin:	
Sample ID:	AA42089	QA Type:	
Location Name:	KUHLMAN ELECTRIC CORPORATION	Division Code:	3858
Location Description:	CSW-TP-041	Requested By:	TONY RUSSELL
		Date Collected:	10/06/2009
Location Code:	C0290007	Time Collected:	932
Other No.:	CSW-TP-041	Sample Collector:	CPEEL
Permit No.:		Delivery Mode:	SV
Discharge No.:		Received at Lab by:	TAMMY SAWYER
Master AI No.:	3738	Date Received at Lab:	10/07/2009
Latitude:		Time Received at Lab:	1125
Longitude:			

ANALYTE	METHOD	RESULT	UNITS	MQL	ANALYST
1,1,1,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,1-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2,2-Tetrachloroethane	8260	<MQL	µg/L	5	BBATES
1,1,2-Trichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,1-Dichloroethene	8260	<MQL	µg/L	5	BBATES
1,1-Dichloropropene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,3-Trichloropropane	8260	<MQL	µg/L	5	BBATES
1,2,4-Trichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2,4-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dibromo-3-chloropropane	8260	<MQL	µg/L	5	BBATES
1,2-Dibromoethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane	8260	<MQL	µg/L	5	BBATES
1,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,3,5-Trimethylbenzene	8260	<MQL	µg/L	5	BBATES
1,3-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES

1,3-Dichloropropane	8260	<MQL	µg/L	5	BBATES
1,4-Dichlorobenzene	8260	<MQL	µg/L	5	BBATES
2,2-Dichloropropane	8260	<MQL	µg/L	5	BBATES
2-Butanone (MEK)	8260	<MQL	µg/L	25	BBATES
2-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
2-Hexanone	8260	<MQL	µg/L	25	BBATES
4-Chlorotoluene	8260	<MQL	µg/L	5	BBATES
4-Isopropyltoluene	8260	<MQL	µg/L	5	BBATES
4-Methyl-2-pentanone (MIBK)	8260	<MQL	µg/L	25	BBATES
Acetone	8260	<MQL	µg/L	25	BBATES
Benzene	8260	<MQL	µg/L	5	BBATES
Bromobenzene	8260	<MQL	µg/L	5	BBATES
Bromochloromethane	8260	<MQL	µg/L	5	BBATES
Bromodichloromethane	8260	<MQL	µg/L	5	BBATES
Bromoform	8260	<MQL	µg/L	5	BBATES
Bromomethane	8260	<MQL	µg/L	5	BBATES
Carbon Tetrachloride	8260	<MQL	µg/L	5	BBATES
Chlorobenzene	8260	<MQL	µg/L	5	BBATES
Chloroethane	8260	<MQL	µg/L	5	BBATES
Chloroform	8260	<MQL	µg/L	5	BBATES
Chloromethane	8260	<MQL	µg/L	5	BBATES
cis-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES
cis-1,3-Dichloropropene	8260	<MQL	µg/L	5	BBATES
Dibromochloromethane	8260	<MQL	µg/L	5	BBATES
Dibromomethane	8260	<MQL	µg/L	5	BBATES
Dichlorodifluoromethane	8260	<MQL	µg/L	5	BBATES
Ethylbenzene	8260	<MQL	µg/L	5	BBATES
Hexachlorobutadiene	8260	<MQL	µg/L	5	BBATES
Isopropylbenzene	8260	<MQL	µg/L	5	BBATES
m & p -Xylene	8260	<MQL	µg/L	5	BBATES
Methyl tertiary butyl ether	8260	<MQL	µg/L	5	BBATES
Methylene Chloride	8260	<MQL	µg/L	5	BBATES
Naphthalene	8260	<MQL	µg/L	5	BBATES
n-Butylbenzene	8260	<MQL	µg/L	5	BBATES
n-Propylbenzene	8260	<MQL	µg/L	5	BBATES
o - Xylene	8260	<MQL	µg/L	5	BBATES
sec-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Styrene	8260	<MQL	µg/L	5	BBATES
tert-Butylbenzene	8260	<MQL	µg/L	5	BBATES
Tetrachloroethene	8260	<MQL	µg/L	5	BBATES
Toluene	8260	<MQL	µg/L	5	BBATES
trans-1,2-Dichloroethene	8260	<MQL	µg/L	5	BBATES

trans-1,3-dichloropropene	82[redacted]	<MQL	µg/[redacted]	5	BBATES
Trichloroethene	8260	<MQL	µg/L	5	BBATES
Trichlorofluoromethane	8260	<MQL	µg/L	5	BBATES
Vinyl Chloride	8260	<MQL	µg/L	5	BBATES
1,2-Dichloroethane-d4	8260	101	%	80	BBATES
Dibromofluromethane	8260	99	%	80	BBATES
p-Bromoflurobenzene	8260	92	%	80	BBATES
Toluene-d8	8260	104	%	80	BBATES

ABBREVIATIONS / DEFINITIONS

ug/L: micrograms/Liter	<: less than	>: greater than
mg/L: milligrams/Liter	MCL: Maximum Contaminant Level	z: surrogate
mg/kg: milligrams/kilogram	MDL: Method Detection Limit	COC Date: Date Chain of Custody Signed
ug/g: micrograms/gram	LSPC: result less than lower specification	COC TIME: Time Chain of Custody
ppm: parts per million	USPC: result greater than upper specification	
ppb: parts per billion	TIE: Tentatively Identified or Estimated	

SAMPLE COMMENTS COLLECTOR: CHUCK PEEL AND JOE KUBALE - FIELD CONSULTANTS
REMARKS: LOW LEVEL ANALYSIS

Sample Validation Date 10/19/2009

Validated By

Date Report Printed 10/19/2009

BUREAU OF POLLUTION CONTROL
SAMPLE REQUEST FORM

Lab Bench No. _____

I. GENERAL INFORMATION: Facility Name KEC
County Code Copiah NPDES Permit No. _____
Discharge No. _____ Date Requested 9/2/09
Sample Point Identification CSW-TP-041
Requested By Tony Russell Data To T. Russell
Type of Sample: Grab (X) Composite (Flow) (Time) Other ( ) _____

II. SAMPLE IDENTIFICATION:
Environment Condition _____ Collected By C. Peel
Where Taken treatment plant faucet

	Type	Parameters	Preservative	Date	Time
1.	groundwater	VOC	HCl	10/6/09	0932
2.					
3.					
4.					
5.					

III. FIELD:

Analysis	Computer Code	Request	Results	Analyst	Date
pH	(000400)	( )			
D.O.	(000300)	( )			
Temperature	(000010)	( )			
Residual Chlorine	(050060)	( )			
Flow	(074060)	( )			

IV. TRANSPORTATION OF SAMPLE: Bus ( ) RO Vehicle ( ) Other ( )

V. LABORATORY: Received By Tony Russell Date 10.07.09 Time 1125
Recorded By _____ Date Sent to State Office _____

Analysis	Computer Code	Request	Result	Analyst	Date Measured
BOD_5	(000310)	( )	mg/l		*
COD^5	(000340)	( )	mg/l		
TOC	(000680)	( )	mg/l		
Suspended Solids	(099000)	( )	mg/l		
TKN	(000625)	( )	mg/l		
Ammonia-N	(000610)	( )	mg/l		
Fecal Coliform(1)	(074055)	( )	colonies/100 ml		*
Fecal Coliform(2)	(074055)	( )	colonies/100 ml		*
Total Phosphorus	(000665)	( )	mg/l		
Oil and Grease(1)	(000550)	( )	mg/l		
Oil and Grease(2)	(000550)	( )	mg/l		
Chlorides	(099016)	( )	mg/l		
Phenol	(032730)	( )	mg/l		
Total Chromium	(001034)	( )	mg/l		
Hex. Chromium	(001032)	( )	mg/l		
Zinc	(001092)	( )	mg/l		
Copper	(001042)	( )	mg/l		
Lead	(017501)	( )	mg/l		
Cyanide	(000722)	( )	mg/l		
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			
		( )			

Remarks low level analysis

*Date of Test Initiation

42089