

ADEQ

ARKANSAS
Department of Environmental Quality

October 5, 2016

Johnathon Oliver, VP
Arkansas Electric Cooperative
1 Cooperative Way
Little Rock, AR 72209

RE: Magnet Cove Generating Station Inspection
AFIN: 30-00337 Permit No.: AR0049611

Dear Mr. Oliver,

On August 25, 2016, I performed a Compliance Sampling Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.


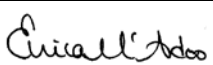

No violations were noted at the time of the inspection. Please refer to the attached inspection report for any comments.

If I can be of any assistance, please contact me at mcadoo@adeq.state.ar.us or 501-683-0827.

Sincerely,



Erica McAdoo
District 9 Field Inspector
Office of Water Quality

 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT					
		AFIN: 30-00337		PERMIT #: AR0049611		DATE: 8/25/2016	
		COUNTY: 30 Hot Spring			PDS #: 093160		MEDIA: WN
		GPS LAT: 34.4299 LONG: -92.8342 LOCATION: General Area					
FACILITY INFORMATION				INSPECTION INFORMATION			
NAME: Magnet Cove Generating Station LOCATION: 410 Henderson Rd. CITY: Malvern				FACILITY TYPE: 2 - Industrial		INSPECTOR ID#: 27312 S - State	
				FACILITY EVALUATION RATING: 5 - Satisfactory		INSPECTION TYPE: Compliance Sampling	
				DATE(S): 8/25/2016		ENTRY TIME: 10:00	
				PERMIT EFFECTIVE DATE: 4/23/2013			
				PERMIT EXPIRATION DATE: 4/30/2018			
RESPONSIBLE OFFICIAL				FAYETTEVILLE SHALE RELATED: N			
NAME / TITLE: Johnathon Oliver / VP COMPANY: Arkansas Electric Cooperative MAILING ADDRESS: 1 Cooperative Way CITY, STATE, ZIP: Little Rock AR 72209 PHONE & EXT. / FAX: 501-618-4399 / EMAIL: rob.smith@aecc.com				FAYETTEVILLE SHALE VIOLATIONS: N			
CONTACTED DURING INSPECTION: Yes				INSPECTION PARTICIPANTS			
				NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Rob Smith, Plant Manager John Morgan Casey Vickerson Clark Baker, ADEQ			
AREA EVALUATIONS							
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
S	PERMIT	N	FLOW MEASUREMENT	S	STORMWATER		
S	RECORDS/REPORTS	N	LABORATORY	S	FACILITY SITE REVIEW		
S	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM		
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT		
**	OTHER:						
SUMMARY OF FINDINGS							
<p>No violations were observed during this inspection.</p> <p>Outfall 001 was the only outfall discharging at the time of this inspection.</p> <p>Samples were collected on August 25, 2016 from Outfall 001 and yielded the following results:</p> <ul style="list-style-type: none"> • Total Suspended Solids - 2.2 mg/L • Oil and Grease <2.5 mg/L <p>All sampled parameters were within your permit limits.</p> <p>(See Attachment 1 for Laboratory Chain of Custody and Attachment 2 for Laboratory Analytical Results)</p>							
GENERAL COMMENTS							
<p>On August 25, 2016 a Compliance Sampling Inspection (CSI) was conducted at the Magnet Cove Generating Station and involved the above-mentioned inspection participants. The inspection started with a facility tour of the treatment units, internal outfalls (01A and 01B), external outfall (001), and the receiving stream. The personnel, facility, and paperwork were very well-organized and orderly.</p>							
INSPECTOR'S SIGNATURE:  Erica McAdoo				DATE: 9/25/2016			
SUPERVISOR'S SIGNATURE:  Clark Baker				DATE: 10/4/2016			

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. ALL DISCHARGES ARE PERMITTED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
a. DATES AND TIME(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. EXACT LOCATION(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. ANALYTICAL METHODS AND TECHNIQUES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
e. RESULTS OF CALIBRATIONS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
f. RESULTS OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
g. DATES AND TIMES OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER PRESERVATION TECHNIQUES USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. HEAD MEASURED AT PROPER LOCATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME:	
b. LAB ADDRESS:	
c. PARAMETERS PERFORMED:	
8. BIOMONITORING PROCEDURES ADEQUATE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
c. PROPER TEST METHODS AND DURATION:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS							
BASED ON VISUAL OBSERVATIONS ONLY						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	No	No	No	No	No	clear	--
SECTION H: SLUDGE DISPOSAL							
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):							
SECTION I: SAMPLING INSPECTION PROCEDURES							
SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SAMPLES OBTAINED THIS INSPECTION:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. TYPE OF SAMPLE: <input checked="" type="checkbox"/> GRAB:___ <input type="checkbox"/> COMPOSITE:___ METHOD:___ FREQUENCY:___							
3. SAMPLES PRESERVED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
4. FLOW PROPORTIONED SAMPLES OBTAINED:						<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
7. SAMPLE SPLIT WITH PERMITTEE:						<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
SECTION J: STORM WATER POLLUTION PREVENTION PLAN							
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SWPPP UPDATED AS NEEDED:___ DATE OF LAST UPDATE:___						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
3. POLLUTION PREVENTION TEAM IDENTIFIED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
5. LIST OF POTENTIAL POLLUTANT SOURCES:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
8. LIST OF STRUCTURAL BMPS:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
9. LIST OF NON-STRUCTURAL BMPS:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
10. BMPS PROPERLY OPERATED AND MAINTAINED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
11. INSPECTIONS CONDUCTED AS REQUIRED:						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	

DMR Calculation Check

Reporting Period: From 2016 06 01 To 2016 06 30
 Year Month Day Year Month Day

Parameter Checked: TSS

Loading	Concentration	
Mass	Monthly	
Mo. Avg. - lbs/day	Mo. Avg. - mg/l	Daily Max. - mg/l

Reported Value: 1.1 1.5 1.5

Calculated Value: 1.1 1.5 1.5

Permit Value: 158 30 100

If calculated value does not equal reported value, explain:

Water Division Photographic Evidence Sheet

Location:	Magnet Cove Generating Station				
Photographer:	Erica McAdoo, ADEQ Inspector	Date:	8/25/2016	Time:	1100
Witness:				Photo #:	1
Description:	Outfall 001				



Figure 1: Google Earth Image



Attachment 2:



**5301 Northshore Drive
North Little Rock, AR 72118
Telephone: 501-682-0744**

Client Report For: Magnet Cove CSI 2016 2818
Attention:
Client Address:

Report Date: September 08, 2016
LAB ID: AR16AUG25-02
Comment:

Approved By: _____

Date: September 08, 2016

Client:	CSI	Client Sample ID:	AR0049611-001
Lab ID:	2016-2818	Collection Date:	8/25/2016 11:50:00 AM
		Matrix:	Water

Analyses

Total Dissolved Solids	EPA 160.1	Batch: 16090611	Run: 1		
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Total Dissolved Solids	382	5.0	5.0		mg/L
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

Total Suspended Solids	EPA 160.2	Batch: 16090609	Run: 1		
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Total Suspended Solids	2.2	1.0	1.0		mg/L
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

Client: CSI	Client Sample ID: AR0049611-001
Lab ID: 2016-2818	Collection Date: 8/25/2016 11:50:00 AM
	Matrix: Water

Analyses

Oil and Grease	EPA1664	Batch: 16082601	Run: 1		
	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Oil and Grease	<2.5	2.5	2.5		mg/L
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

Client:	CSI	Client Sample ID:	AR0049611-001
Lab ID:	2016-2818	Collection Date:	8/25/2016 11:50:00 AM
		Matrix:	Water

Analyses

Field Data

Batch: 16090811 Run: 1

	<u>Result</u>	<u>Reporting Limit</u>	<u>MDL</u>	<u>Qual</u>	<u>Unit</u>
Dissolved Oxygen	7.23				mg/L
pH	7.64				SU
Temperature	31.8				C
Analyzed By	Erica McAdoo				
Analysis Date/Time	8/25/16 11:50				

Analytical Quality Control Results Report

Batch: 16082601	Oil and Grease - water
AR0049611-001	LIMS ID: 2016-2818

Oil and Grease - water DUP

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Oil and Grease	<2.5 mg/L	2.5	2.5		
Oil and Grease (RPD)	0 %				0 - 20
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

AR0049611-001	LIMS ID: 2016-2818
----------------------	---------------------------

Oil and Grease - water MS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Oil and Grease (% Recovery)	98.0 %			70 - 130	
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

AR0049611-001	LIMS ID: 2016-2818
----------------------	---------------------------

Oil and Grease - water MSD

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Oil and Grease (% Recovery)	112 %			70 - 130	
Oil and Grease (RPD)	13.3 %				0 - 20
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

MB	LIMS ID: 16082601-MB-01
-----------	--------------------------------

Oil and Grease - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Oil and Grease	<2.5 mg/L	2.5	2.5		
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

LCS	LIMS ID: 16082601-LCS-01
------------	---------------------------------

Oil and Grease - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Oil and Grease (% Recovery)	82.2 %			70 - 130	
Dilution Factor	1				
Analyzed By	Robert Graddy				
Analysis Date/Time	08-26-2016 10:00				

Analytical Quality Control Results Report

Batch: 16090609	TSS - water
AR0049611-001	LIMS ID: 2016-2818

Solids, Total Suspended - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	2.0 mg/L	1	1		
Total Suspended Solids (RPD)	9.5 %				0 - 20
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

MB	LIMS ID: 16090609-MB-01
-----------	--------------------------------

Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

LCS	LIMS ID: 16090609-LCS-01
------------	---------------------------------

Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	104 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

MB	LIMS ID: 16090609-MB-02
-----------	--------------------------------

Solids, Total Suspended - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

LCS	LIMS ID: 16090609-LCS-02
------------	---------------------------------

Solids, Total Suspended - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Suspended Solids (% Recovery)	94.5 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

MB	LIMS ID: 16090609-MB-03
-----------	--------------------------------

Inspection Report: **Magnet Cove Generating Station**, AFIN: **30-00337**, Permit #: **AR0049611**

Solids, Total Suspended - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

LCS **LIMS ID: 16090609-LCS-03**

Solids, Total Suspended - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Suspended Solids (% Recovery)	92.0 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

MB **LIMS ID: 16090609-MB-04**

Solids, Total Suspended - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Suspended Solids	<1 mg/L	1	1		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

LCS **LIMS ID: 16090609-LCS-04**

Solids, Total Suspended - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Suspended Solids (% Recovery)	96.0 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	8/31/2016 7:30				

Analytical Quality Control Results Report

Batch: 16090611	TDS - water
AR0049611-001	LIMS ID: 2016-2818

Solids, Total Dissolved - water DUP

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Dissolved Solids	374 mg/L	5	5		
Total Dissolved Solids (RPD)	2 %				0 - 20
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

MB	LIMS ID: 16090611-MB-01
-----------	--------------------------------

Solids, Total Dissolved - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Dissolved Solids	<5.0 mg/L	5	5		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

LCS	LIMS ID: 16090611-LCS-01
------------	---------------------------------

Solids, Total Dissolved - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Dissolved Solids (% Recovery)	100 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

MB	LIMS ID: 16090611-MB-02
-----------	--------------------------------

Solids, Total Dissolved - water MB

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Dissolved Solids	<5.0 mg/L	5	5		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

LCS	LIMS ID: 16090611-LCS-02
------------	---------------------------------

Solids, Total Dissolved - water LCS

Run: 1

Parameter	Result	DL	RL	Accuracy Control	Precision Control
Total Dissolved Solids (% Recovery)	97 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

MB	LIMS ID: 16090611-MB-03
-----------	--------------------------------

Inspection Report: **Magnet Cove Generating Station**, AFIN: **30-00337**, Permit #: **AR0049611**

Solids, Total Dissolved - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Dissolved Solids	<5.0 mg/L	5	5		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

LCS **LIMS ID: 16090611-LCS-03**

Solids, Total Dissolved - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Dissolved Solids (% Recovery)	97 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

MB **LIMS ID: 16090611-MB-04**

Solids, Total Dissolved - water MB

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Dissolved Solids	<5.0 mg/L	5	5		
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				

LCS **LIMS ID: 16090611-LCS-04**

Solids, Total Dissolved - water LCS

Run: 1

<i>Parameter</i>	<i>Result</i>	<i>DL</i>	<i>RL</i>	<i>Accuracy Control</i>	<i>Precision Control</i>
Total Dissolved Solids (% Recovery)	105 %			90 - 110	
Analyzed By	Katy Hattenhauer				
Analysis Date/Time	9/1/2016 10:30				