

October 4, 2016

John Morgan Arkansas Electric Cooperative PO Box 194208 Little Rock, AR 72219

RE: Magnet Cove Generating Station Inspection

AFIN: 30-00337 Permit No.: ARR000955

Dear Mr. Morgan,

On August 25, 2016, I performed an Industrial Stormwater 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

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District 9 Field Inspector

Office of Water Quality

Inspection Report: Magnet Cove Generating Station, AFIN: 30-00337, Permit #: ARR000955

VDEO	WATER DIVISION INSPECTION REPORT							
ADEQ		AFIN: <b>30-00337</b> PERMIT #: <b>ARR000955</b>				DATE: <b>8/25/2016</b>		
ARKANSAS	CC	DUNTY: 30 Hot S	pring	PDS:	#: <b>093114</b>		MEDIA: <b>WN</b>	
Department of Environmental Quality	GF	PS LAT: <b>34.4299</b>	: 34.4299 LONG: -92.8342 LOCATION: General Area					
FACILITY INFORMATION			INSPECTION INFORMATION					
Magnet Cove Generating Station			ACILITY TYPE: INSPECTOR ID#: 27312 S - State					
410 Henderson Rd			FACILITY EVALUATION RATING: INSPECTION TYPE:  5 - Satisfactory Industrial Stormwater					
Malvern			DATE(S): ENTRY TIME: EXIT TIME: 8/25/2016 10:00 12:30				PERMIT EFFECTIVE DATE:	
RESPONSIBLE OFFI	CIAL	_	7/1/2014 PERMIT EXPIRATION DATE:					
NAME: / TITLE						6/30/20		
John Morgan /			FAYETTEVILLE SHALE RELATED: N					
Arkansas Electric Cooperative			FAYETTEVILLE	SHAL	E VIOLAT	IONS: N		
PO Box 194208					TION PAR	TICIPANTS		
CITY, STATE, ZIP: Little Rock AR 72219				NAME/TITLE/PHONE/FAX/EMAIL/ETC:  Rob Smith, Plant Manager				
PHONE & EXT: / FAX:			John Morgan					
501-467-3233 /				Casey Vickerson				
john.morgan@aecc.com			Clark Baker, ADEQ					
CONTACTED DURING INSPECTION	: Ye	s						
(S=S	atisfac		ALUATIONS tisfactory, N=Not Applicable/B	Evaluated	1)			
S PERMIT	N	FLOW MEASU	REMENT					
S RECORDS/REPORTS	N	LABORATORY		S		Y SITE REV		
S OPERATION & MAINTENANCE	S		CEIVING WATER	S	SELF-MONITORING PROGRAM			
N SAMPLING ** OTHER:	IN	SLUDGE HANL	DLING/DISPOSAL	N	PKETRE	PRETREATMENT		
SUMMARY OF FINDINGS								
No violations were observed during this inspection.								
GENERAL COMMENTS								
INSPECTOR'S SIGNATURE: Erica McAdoo					DATE:	DATE: <b>9/25/2016</b>		
INSPECTOR'S SIGNATURE: Erica McAdoo  Clark Baker								
SUPERVISOR'S SIGNATURE: Clark Baker					DATE:	DATE: <b>10/3/2016</b>		

## **Inspection Form Legend:**

S = Satisfactory, M = Marginal, U = Unsatisfactory, Y = Yes, N = No, NI = Not Implemented, NA = Not Applicable, NE = Not Evaluated -

If Y and a NI are check it means it is in the SWPPP but not implemented in the field which is a violation.

SECTION A: PERMIT VERIFICATION	iich is a violation.
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	⊠S "M "U "NA "NE
1.CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	☑Y "N "NA "NE
2.NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	☑Y "N "NA "NE
3.NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑Y "N "NA "NE
4.ALL DISCHARGES ARE PERMITTED:	 ☑Y "N "NA "NE
Comments:	
SECTION B: STORM WATER POLLUTION PREVENTION PLAN EVALUATION	
PERMITTEE SWPPP MEETS PERMIT REQUIRMENTS	ØS "M "U "NA "NE
Is the SWPPP available for review by ADEQ? (Part 4.4)	
2. Has SWPPP been updated since 07/01/2014, or later if required? (Part 4.1, Part 4.5)	
	☑Y N NI NA NE
3. Does the SWPPP contain facility name, general permit tracking number, facility physical address, and SIC and NAICS codes? (Part 4.2.1)	☑Y "N "NI "NA "NE
4. Pollution Prevention Team	
A. Does the SWPPP identify specific individuals or positions?(Part 4.2.2)	☑Y "N "NI "NA "NE
B. Does the SWPPP outline the responsibilities of each member of the Pollution Prevention Team? (Part 4.2.2)	☑Y "N "NI "NA "NE
5. Does the SWPPP contain a facility description (process diagram, general layout, storage of raw materials, the flow of goods and materials through the facility and seasonal variations)? (Part 4.2.3)	☑Y "N "NI "NA "NE
6. Does the facility site map contain the following items?	
A) The size of the property in acres? (Part 4.2.3.1)	☑Y "N "NI "NA "NE
B) The location and extent of significant structures and impervious surfaces? (Part 4.2.3.2)	☑Y "N "NI "NA "NE
C) The direction of stormwater flow using arrows? (Part 4.2.3.3)	☑Y "N "NI "NA "NE
D) The locations of all existing structural control measures? (Part 4.2.3.4)	☑Y "N "NI "NA "NE
E) The locations of all receiving wasters in the immediate vicinity of the facility? (Part 4.2.3.5)	☑Y "N "NI "NA "NE
F) The locations of all stormwater conveyances including ditches, pipes, and swales? (Part 4.2.3.6)	☑Y "N "NI "NA "NE
G) The locations of potential pollutant sources? (Part 4.2.3.7)	☑Y "N "NI "NA "NE
H) The locations of all stormwater monitoring points? (Part 4.2.3.8)	☑Y "N "NI "NA "NE
I) The locations of stormwater inlets and outfalls with unique identification code for each outfall with indications if one or more outfall is being treated as "substantially identical" and an approximate outline of the areas draining to each outfall? (Part 4.2.3.9)	☑Y "N "NI "NA "NE
J) Where the stormwater discharges to municipal separate storm sewer system (MS4), if applicable? (Part 4.2.3.10)	"Y "N "NI ☑NA "NE
K) The locations and descriptions of all non-stormwater discharges identified in the SWPPP? (Part 4.2.3.11)	☑Y "N "NI "NA "NE
L) The locations of the following activities if they are exposed to precipitation? (Part 4.2.3.12)	☑Y "N "NI "NA "NE
Fueling Stations	☑Y "N "NI "NA "NE
Vehicle and equipment maintenance and/or cleaning areas	"Y "N "NI ØNA "NE
Loading and unloading areas	"Y "N "NI ⊠NA "NE
Locations used for the treatment, storage, or disposal of waste	"Y "N "NI ⊠NA "NE
Liquid storage tanks	"Y "N "NI ⊠NA "NE
Processing and storage areas	"Y "N "NI ⊠NA "NE
Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-byproducts used or created by the facility	"Y "N "NI ⊠NA "NE
Transfer areas for substances in bulk	"Y "N "NI ⊠NA "NE
Machinery	"Y "N "NI ⊠NA "NE
M) The locations and sources of run-on to the site from adjacent property that contains significant quantities of pollutants? (Part 4.2.3.13)	"Y "N "NI ⊠NA "NE

## Inspection Report: Magnet Cove Generating Station, AFIN: 30-00337, Permit #: ARR000955

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7. A description of potential pollutant sources	
A) A list of industrial activities exposed to stormwater (Part 4.2.4.1)	☑Y "N "NI "NA "NE
B) A list of pollutants associated with each identified activity, including all significant materials that have been handled, treated, stored, or disposed, and that have been exposed to stormwater in the 3 years prior to the SWPPP date (Part 4.2.4.2)	"Y "N "NI ☑NA "NE
C) Locations where spills/leaks could occur that may contribute pollutants to stormwater discharges and the corresponding outfall(s) (Part 4.2.4.3)	"Y "N "NI ⊠NA "NE
<ul> <li>A list of significant spills and significant leaks of toxic or hazardous pollutants that have occurred in areas exposed to precipitation or drained to a stormwater conveyance for three years prior to the SWPPP date (Part 4.2.4.3)</li> </ul>	"Y "N "NI ⊠NA "NE
E) Measures to identify and eliminate Non-stormwater Discharges (Part 4.2.4.4)	☑Y "N "NI "NA "NE
F) Certification that outfalls have been tested for illicit Non-stormwater Discharges (Part 4.2.4.4)	"Y "N "NI ⊠NA "NE
G) Location of storage piles containing salt used for deicing or other commercial or industrial purposes	"Y "N "NI ⊠NA "NE
(Part 4.2.4.5)  H) A summary of existing discharge sampling data (Part 4.2.4.6)	☑Y "N "NI "NA "NE
8. Measures and Controls (Part 4.2.5)	EII N NI NA NE
A) Does SWPPP describe stormwater controls appropriate for the facility?	☑Y "N "NI "NA "NE
B) Have the selected controls been implemented?	☑Y "N "NI "NA "NE
9. Documentation of:	EII N NI NA NE
A) Good Housekeeping (Part 4.2.6.1.1)	☑Y "N "NI "NA "NE
B) Preventative Maintenance (Part 4.2.6.1.2)	☑Y N NI NA NE
C) Spills and Response Procedures (Part 4.2.6.1.3)	☑Y N NI NA NE
D) Employee Training (Part 4.2.6.1.4)	☑Y N NI NA NE
E) Monitoring – Benchmark, ELG, other (Part 4.2.6.2.1)	☑Y N NI NA NE
F) Sample Location(s), Parameters, Limits, and Procedures (Part 4.2.6.2.2)	☑Y N NI NA NE
G) Inspections (Part 4.2.6.3)	☑Y N NI NA NE
a. Routine	☑Y N NI NA NE
b. Comprehensive	☑Y N NI NA NE
c. Name of Inspector	
d. Schedule for Inspections	
e. Specific items inspected, including outfalls	☑Y N NI NA NE ☑Y "N "NI "NA "NE
10. Does stormwater discharge to a 303(d) listed or TMDL stream? (Part 4.2.7.1)	"Y 🗹N "NI "NA "NE
If yes, are additional requirement met?	Y "N "NI ⊠NA "NE
11. Does stormwater direct discharge to an ERW, NSW, or ESW? (Part 4.2.7.2)	
If yes, are additional requirement met?	Y ☑N NI NA NE "Y N NI ☑NA NE
12. Is the SWPPP signed and certified? (Part 4.2.8)	Y N NI MA NE
Comments::	EI N NI NA NE
SECTION C: MONITORING & INSPECTIONS	
PERMITTEE MONITORING MEETS PERMIT REQUIRMENTS	⊠S "M "U "NA "NE
Is the facility one of the four Effluent Guideline Facilities in the Permit? (Cement MFG, Fertilizer MFG,     Steam Electric coal pile, Paving and Roofing Materials, or Airport Deicing)(Part 3.3.1)	"Y 🗹 N " NI " NA " NE
A) Are all outfalls from the regulated process being sampled? (Part 3.3.2)	"Y "N "NI ⊠NA "NE
B) If coal pile run off is monitored, are all other stormwater flows excluded? (Part 3.3.1)	"Y "N "NI ⊠NA "NE
C) If airport with annual jet departures ≥ 1000, is effluent limit met? (Part 3.3.1)	"Y "N "NI ⊠NA "NE
B) If airport, is at least 60% of deicing fluid collected? (Part 3.3.1)	"Y "N "NI ⊠NA "NE
2. Which of the monitoring categories is this facility subject to: (Parts 1.5, 3.4)	
A) Are samples being collected for each monitoring period (annually)? (Part 3.6)	"Y "N "NI ⊠NA "NE
B) Are samples being collected from the location specified in the NOI and SWPPP (Part 3.7)	"Y "N "NI ⊠NA "NE
C) Has the permittee determined that some of the outfalls are similar? (Part 3.8.1)	☑Y "N "NI "NA "NE
Are the conditions on the ground still the same as documented for the similar outfalls (Part 3.8.1)	☑Y "N "NI "NA "NE
D) Are all parameters for the monitoring category being sampled and analyzed? (Part 3.4)	☑Y "N "NI "NA "NE
E) Were the samples collected during a measureable storm event? (Part 3.8.2.2)	"Y "N "NI "NA 🗹 NE
F) Were the samples properly preserved and analyzed? (Part 3.8.2.4)	"Y "N "NI "NA 🗹 NE
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G) Are the sample locations suitable for the collection of a representative sample? (Part 3.8.2)	☑Y "N "NI "NA "NE
3. Has any of the monitoring revealed an exceedance of the benchmark values for this facility?(Part 3.12.1)	"Y ☑N "NI "NA "NE
A) Has a process to develop a corrective action plan been started within 30 days of exceedances? (Part 3.12.1)	"Y ☑N "NI "NA "NE
B) Is the exceedance attributed to natural background pollutant level? (Part 3.12.2)	"Y ⊠N "NI "NA "NE
C) If the exceedance is naturally occurring, has the Department been notified? (Part 3.12.2.3)	"Y "N "NI ☑NA "NE
4. Inspections (Part 5.1)	
A) Visual Site Inspections (minimum 4/year) (Part 5.1.1)	☑Y "N "NI "NA "NE
B) At least one visual inspection conducted during a rain event	☑Y "N "NI "NA "NE
<ul> <li>C) Inspections recorded and include: date of inspection, person doing inspection; major observations, and corrective actions required.</li> </ul>	☑Y "N "NI "NA "NE
D) Comprehensive Site Compliance Evaluation (Annual) (Part 5.1.2)	☑Y "N "NI "NA "NE
Comments:	
SECTION D: RECORD KEEPING	
PERMITTEE RECORD KEEPING AND REPORTING MEETS PERMIT REQUIRMENTS	☑S "M "U "NA "NE
1. Has SWAR for the previous year of monitoring been completed? (Part 5.2.4)	☑Y "N "NI "NA "NE
Include sample results, lab reports, chain of custody?	☑Y "N "NI "NA "NE
Significant findings of inspections?	☑Y "N "NI "NA "NE
Summary of corrective action plans?	☑Y "N "NI "NA "NE
2. Is the SWAR signed? (Part 5.2.4.5)	☑Y "N "NI "NA "NE
3. Is permittee keeping copies of inspections? (Part 5.2.1)	☑Y "N "NI "NA "NE
SECTION E: FACILITY TOUR	
PERMITTEE FACILITY TOUR MEETS PERMIT REQUIRMENTS	☑S "M "U "NA "NE
1. Any evidence of spills or leaks that have not been properly cleaned up as required by the SWPPP?	"Y ☑N "NI "NA "NE
2. Any evidence of erosion or un-stabilized ground?	"Y 🗹N "NI "NA "NE
3. Any controls, structures, or storage areas that are not as identified in the SWPPP?	"Y ⊠N "NI "NA "NE
4. Any non-stormwater discharges <u>not</u> identified in the SWPPP? (see Part 1.6 of permit for list of allowable non-stormwater discharges)	"Y 🗹N "NI "NA "NE
5. Any non-stormwater discharges that are not allowed under this permit? (see Part 1.6 of permit for list of allowable non-stormwater discharges)	"Y 🗹N "NI "NA "NE
6. Are BMPs being properly operated and maintained? (Part 7.17)	☑Y "N "NI "NA "NE
7. Are housekeeping procedures being implemented and are they sufficient?	☑Y "N "NI "NA "NE
8. Toxicity testing recommended? (Part 6)	" Y <b>⊠</b> N
Comments:	

