

WATER DIVISION INSPECTION REPORT

AFIN: **22-00379** PERMIT #: **AR0021831** DATE: **3/10/2015**

COUNTY: 22 Drew PDS #: 083379 MEDIA: WN

GPS LAT: 33.657084 LONG: -91.760122 LOCATION: Entrance

FACILITY TYPE:

FACILITY INFORMATION City of Monticello -East Plant 1466 Old Warren Road

Monticello, AR 71655

RESPONSIBLE OFFICIAL

NAME: / TITLE

Zack Tucker / Mayor COMPANY:

City of Monticello MAILING ADDRESS

P.O. Box 505

CITY, STATE, ZIP:

Monticello AR 71655

PHONE & EXT: / FAX:

870-367-3415

INSPECTION INFORMATION

1 - Municipal 101531 S - State

FACILITY EVALUATION RATING

3 - Satisfactory Compliance Evaluation

DATE(S): ENTRY TIME: EXIT TIME 3/10/2015 10:00 14:06

PERMIT EFFECTIVE DATE: 7/1/2012 PERMIT EXPIRATION DATE: 6/30/2017

FAYETTEVILLE SHALE RELATED: N

FAYETTEVILLE SHALE VIOLATIONS: N

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/EAX/EMAIL/E

Charlie Hammock/Operator/870-367-3415 David Long/USEPA Region 6 NPDES Inspector Damon McElroy/USEPA Region 6 NPDES Inspector

CONTACTED DURING INSPECTION: Yes

1

AREA EVALUATIONS

	ANLA LYALUATIONS							
	(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
s	PERMIT	М	FLOW MEASUREMENT	Z	STORMWATER			
U	RECORDS/REPORTS	S	LABORATORY	S	FACILITY SITE REVIEW			
J	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM			
כ	SAMPLING	S	SLUDGE HANDLING/DISPOSAL	Z	PRETREATMENT			
**	OTHED:							

SUMMARY OF FINDINGS

- 1.) Contract lab McClelland Consulting Engineers, Inc. does not indicate that phosphorous samples and NO2-NO3 samples were collected or properly preserved on chain of custody forms. Bench sheets do indicate the analysis was performed at the frequency required. This is a violation of Part III. (C.) (3.). SEE GENERAL COMMENTS.
- 2.) Contract lab McClelland Consulting Engineers, Inc. does not indicate name of sampler, the person performing the analysis, and the date/time that the analysis was performed on chain of custody forms for certain parameters. This is a violation of permit condition Part III. (C.) (8.). SEE GENERAL COMMENTS.
- 3.) One aerator in the easternmost pond at the Monticello East Plant was out of service during the inspection. This is a violation of Part III. (B.) (1.) (A.).
- 4.) The curtain in the west pond at the Monticello East Plant was under the surface of the water. The curtain needs to be raised to operate efficiently. This is a violation of permit condition Part III. (B.) (1.) (A.).

GENERAL COMMENTS

Violations 1 and 2:

The facility changed contract lab in late 2014 from McClelland Consulting Engineers, Inc. to Sorrells Research. ADEQ Inspection Branch does not require a response for the two (2) violations due to the fact that the permittee is no longer using the past contract lab.

Comments on flow:

During the inspection, a flow check at East Plant revealed that the totalizing meter had an error of 9%. The last date of calibration was performed January 15, 2015. This amount of error following a calibration may indicate issues with the totalizing meter or the communication between other flow devices (i.e., upstream monitor, gate level monitor, etc.), and flow checks need to be performed periodically to ensure the meter is operating properly. See flow calculation sheet for calculation example. Use ISCO flow sheet for 10 Foot Rectangular Weir with Ends.

M. Mar	
INSPECTOR'S SIGNATURE: Michael D. Young	DATE: 3/27/2015
Kerri McCale	
SUPERVISOR'S SIGNATURE: Kerri McCabe	DATE: 4/9/2015

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	⊠S □M □U □NA □NE
DETAILS:	
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
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	□S □M ☑U □NA □NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	☑Y □N □NA □NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	□s □m ☑u □na □ne
a. DATES AND TIME(S) OF SAMPLING:	☑Y □N □NA □NE
b. EXACT LOCATION(S) OF SAMPLING:	□y ☑n □na □ne
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	□y Øn □na □ne
d. ANALYTICAL METHODS AND TECHNIQUES:	☑Y □N □NA □NE
e. RESULTS OF CALIBRATIONS:	□y Øn □na □ne
f. RESULTS OF ANALYSES:	☑Y □N □NA □NE
g. DATES AND TIMES OF ANALYSES:	□Y ØN □NA □NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	□y ☑n □na □ne
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	⊠s □m □u □na □ne
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	⊠s □m □u □na □ne
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	□Y □N ☑NA □NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	□S □M ☑U □NA □NE
DETAILS: Aerator out of service.	
1. TREATMENT UNITS PROPERLY OPERATED:	□S □M ☑U □NA □NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	□S ☑M □U □NA □NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	⊠s □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	⊠s □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	☑S ☐M ☐U ☐NA ☐NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	☑Y □N □NA □NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	⊠y □n □na □ne
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	☑Y □N □NA □NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR: SSO	☑Y □N □NA □NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	☑y □n □na □ne
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	☑Y □N □NA □NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	□y ☑n □na □ne
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	□y □n ☑na □ne

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	□S □M ☑U □NA □NE
DETAILS: Facility has changed contract lab as of January 2015.	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y □N □NA □NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	Øy □n □na □ne
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	Øy □n □na □ne
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	Øy □n □na □ne
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	Øy □n □na □ne
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	□Y ☑N □NA □NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	Øy □n □na □ne
b. PROPER PRESERVATION TECHNIQUES USED:	□y Øn □na □ne
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	□y Øn □na □ne
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	Øy □n □na □ne
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	□S ☑M □U □NA □NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: 10' Rect Weir	w/ Ends ☑Y ☐N ☐NA ☐NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y □N □NA □NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: Totalizer	☑Y □N □NA □NE
4. CALIBRATION FREQUENCY ADEQUATE:	☑Y □N □NA □NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y □N □NA □NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	□y Øn □na □ne
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y □N □NA □NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	☑Y □N □NA □NE
9. HEAD MEASURED AT PROPER LOCATION:	Øy □n □na □ne
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S □M □U □NA □NE
DETAILS: Facility has changed contract laboratory to Sorrells Research as of mid-2014.	Inspection conducted
using McClelland Consulting DMR data.	_
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	☑Y □N □NA □NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	□y □n ☑na □ne
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	⊠y □n □na □ne
4. QUALITY CONTROL PROCEDURES ADEQUATE:	☑Y □N □NA □NE
5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y □N □NA □NE
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y □N □NA □NE
7. COMMERCIAL LABORATORY USED:	☑Y □N □NA □NE
a. LAB NAME: McClelland Consulting (parameters 2012- June 2014), Sorrells Research (WET Test and parameters July 2014	- Current)
b. LAB ADDRESS: McClelland - Little Rock, Sorrels Research - 8100 National Drive Little Rock, AR 72209	
c. PARAMETERS PERFORMED: All except pH and D.O.	
8. BIOMONITORING PROCEDURES ADEQUATE:	☑Y □N □NA □NE
a. PROPER ORGANISMS USED:	Øy □n □na □ne
b. PROPER DILUTION SERIES FOLLOWED:	Øy □n □na □ne
c. PROPER TEST METHODS AND DURATION:	Øy □n □na □ne
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	Øy □n □na □ne

	SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS										
SEC	CTION G	: EFFLUENT/R	ECEIVING WAT	ERS OBSERVA	ATIONS						
BASED ON VISUAL OBSERVATIONS ONLY											
DETAILS: Hood Package manufactures paper bags, and the ink used in the process causes color change in the effluent. At the time of inspection, the flow appeared to be very green when mixing with UT of Godfrey Creek.											
<u>effl</u>	uent. At	the time of ins	pection, the flo	w appeared to I	oe very green w		UT of Godfrey (Creek.			
OUT	ΓFALL #:	ALL #: OIL SHEEN GREASE TURBIDITY VISIBLE FOAM FLOATING SOLIDS						OTHER			
	001	N	N	N	N	N	Teal Green				
SEC	SECTION H: SLUDGE DISPOSAL SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS ØS DM DU DNA DNE										
SLI	JDGE D	ISPOSAL MEI	ETS PERMIT F	REQUIREMENT	ΓS		⊠S □M □	U □NA □NE			
DE	TAILS:										
1.	SLUDGE M	ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:			⊠s □m	□U □NA □NE			
2.	SLUDGE R	ECORDS MAINTAINE	O AS REQUIRED BY 40) CFR 503:			⊠s □m	□U □NA □NE			
3.	FOR LAND	APPLIED SLUDGE, T	YPE OF LAND APPLIE	O TO: (E.G., FOREST,	AGRICULTURAL, PUE	BLIC CONTACT SITE):					
SEC	CTION I:	SAMPLING IN	SPECTION PRO	CEDURES							
SA	MPLE R	ESULTS WITH	HIN PERMIT R	EQUIREMENT	S			U ⊠NA □NE			
DE	TAILS:										
1.											
2.											
3.											
4.											
5.	SAMPLE O	BTAINED FROM FACII	LITY'S SAMPLING DE\	/ICE:			□Y	□n Øna □ne			
6.	SAMPLE R	EPRESENTATIVE OF	VOLUME AND NATUR	E OF DISCHARGE:			□Y	□n Øna □ne			
7.	SAMPLE SI	PLIT WITH PERMITTE	E:				□Y	□n Øna □ne			
8.	CHAIN-OF-	CUSTODY PROCEDU	RES EMPLOYED:				□ч	□n Øna □ne			
9.	SAMPLES (COLLECTED IN ACCO	RDANCE WITH PERM	IT:				□N ØNA □NE			
											
SEC	CTION J	: STORM WAT	ER POLLUTION	PREVENTION	PLAN						
			EMENT MEET					U □NA ☑NE			
			t is a Tier 1 Maj			_					
1.	SWPPP UP	DATED AS NEEDED	DATE OF LAST UP	DATE.		<u> </u>	Пу	□n □na ☑ne			
		_	HARGES AND SURFAC					□N □NA ☑NE			
3.		N PREVENTION TEAM		SE WITTERO.				□N □NA ☑NE			
			PROPERLY TRAINED)·				□N □NA ☑NE			
		OTENTIAL POLLUTAN		· <u> </u>				ON ONA MINE			
			AND PAST SPILLS ANI) LEΦKS.				ON ONA MINE			
			IARGES ARE AUTHOR					□N □NA ☑NE			
		RUCTURAL BMPS:	MINOLO ANE AUTHOR	LLV.				□N □NA ☑NE			
		ON-STRUCTURAL BMF	DQ.								
								ON ONA MINE			
		PERLY OPERATED AS						ON ONA MINE			
11.	INOFECTIO	NS CONDUCTED AS	NEQUIRED.				⊔Y	□n □na Øne			

FLOW CALCULATION SHEET								
Date: 3/10	0/2015 T	ime: 11 :	:22					
	L							
Head in Incl	nes:	Feet:	8.0					
Type & Size	of Primary Flow	Measurer	nent Device:	10 Fo	ot Rect	angular Weir with		
Name & Mo	del of Secondary	Flow Mea	asurement D	evice:	<u>ISCO</u> <u>Meter</u>	3010 Ultrasonic Flow		
Date of last	Calibration of Sec	rondary F	Iow Device:	1/4/2	2015			
Date of last	Calibration of occ	Jonaary I	low Device.	1/-7/2	<u> </u>			
Recorded F	low at Date & Tim	e Listed /	Above: 13. 7	74 MGI	D	(Facility Flow Meter)		
Coloulated	Flow at Data 9 Tin		Above: 15	: 15 N/	<u>. D</u>			
	Flow at Date & Tir ed using flow charts in: <u>I</u> :			5.15 MC		(-5 th Edition)		
(<u>.</u>					===:::-;		
% Error =	Recorded Value			<u>е</u> х 1	00			
,	Calcu	ılated Val	ated Value					
	13.74	1-	15.15					
% Error =		15.15		─ X 1	00			
				I	I			
% Error =	-1.41	X 100						
70 2.101	15.15							
% Error =	0.09	X 100						
70 21101	0.00	77.100						
% Error =	9	%						
Commonts	00/ orrer is year		a tha allawa	blo 10	0/ ٩:۲٤ <i>-</i>	rongo from the true		
Comments: 9% error is very close to the allowable 10% difference from the true value. During the inspection, it was discussed that there may be a								
	large amount of variation with the upstream flow monitor, effluent flow							
						f release. Calibration		
	checks need to							
	·							

DMR Calculation Check

Reporting Period:	From	2014	4	1	_ To	2014	4	30	
		Year	Month	Day		Year	Month	Day	
Parameter Checked:		TSS	_						
		Loading				Concer	ntration		
		Mass			Monthly				
	Mo.	Avg Ibs/	day	Mo. A	vg r	mg/l	7-day Avg	J mg/l	
Reported Value:		N/A			16.6		24.	5	
Calculated Value:		N/A			16.6		24.	5	
Permit Value:		N/A			90		135	5	

If calculated value does not equal reported value, explain:

<u>Equal</u>

Water Division Photographic Evidence Sheet									
Location: City of Monticello -East Plant									
Photographer: Michael Young			Date:	3/10/2015	Time:	11:18			
Witness:					Photo #:	1			
-	- T -				1				

Description: Aerator was not in operation during inspection.





CERTIFIED MAIL: 91 7199 9991 7030 4936 9946

May 14, 2015

Zack Tucker, Mayor City of Monticello P.O. Box 505 Monticello, AR 71655

Re: City of Monticello - Failure to Respond to Inspection (Drew Co)

AFIN: 22-00037 NPDES Permit No.: AR0021822 (West Plant) 22-00379 AR0021831 (East Plant)

ARR000000

Dear Mr. Tucker:

A letter dated April 10, 2015 was sent by the ADEQ to the City of Monticello. The letter outlined the findings of my March 10, 2015 inspection of the above referenced facility. The letter requested that a written response be submitted to the Water Division Inspection Branch of this Department by April 24. 2015. To date, no response has been received.

Please submit a written response by <u>May 28, 2015</u>. A copy of the inspection report has been included for your convenience.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (501) 837-2073 or you may e-mail me at youngm@adeq.state.ar.us.

Sincerely.

Michael D. Young

District 8 Field Inspector

Water Division

McCabe, Kerri

From: US_Postal_Service@usps.com

Sent: Tuesday, June 09, 2015 11:02 AM

To: McCabe, Kerri; Young, Michael

Subject: USPS Return Receipt (Electronic) Info for 9171999991703049369946

Attachments: 9171999991703049369946.pdf

This is a post-only message. Please do not respond.

Label Number: 9171999991703049369946

Service Type: Certified Mail[™]

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Your Return Receipt (Electronic) letter is included in a PDF file attached to this email. You will need Adobe Acrobat Reader software to view the PDF file. Download Adobe Acrobat Reader for free by going to http://www.adobe.com/products/acrobat/readstep2.html.

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Results provided by the U.S. Postal Service.

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For more information go to https://www.usps.com/text-tracking/welcome.htm



Date: June 9, 2015

Kerri McCabe:

The following is in response to your June 9, 2015 request for delivery information on your Certified Mail™ item number 9171999991703049369946. The delivery record shows that this item was delivered on May 27, 2015 at 8:15 am in MONTICELLO, AR 71655. The scanned image of the recipient information is provided below.

Five Zero Five.

Signature of Recipient:

Address of Recipient:

Thank you for selecting the Postal Service for your mailing needs.

If you require additional assistance, please contact your local Post Office or postal representative.

Sincerely, United States Postal Service