

**NON-COMPLIANCE NOTIFICATION**  
DMR Monitoring Period 7/01/2016 - 7/31/2016

**FROM:** ADC-NCU-Izard County Facility  
RT 5, HWY 5 N  
Calico Rock, AR 72519

**DATE:** 8/8/2016

**PERMIT #:** AR0044016

**TO:** NPDES Enforcement  
ADEQ  
5301 Northshore Drive  
North Little Rock, AR 72118

1. DISCHARGE DESCRIPTION 001

2. NON-COMPLIANCE DESCRIPTION:

The TSS was reported over the Daily Max loading and Daily Max Concentration permit limits.  
The Fc was reported over the 7 Day Geo permit limit.

3. CAUSE FOR NON-COMPLIANCE:

*Loss of Bug  
UV light burnt out  
DO a little low  
Weather*

4. DURATION OF NON-COMPLIANCE:

The Non-Compliance Description above took place on July 6th, 2016.

5. CORRECTIVE ACTION BEING TAKEN:

*Replenished Bugs by adding new ones  
ordered UV Bulbs  
Turned up the DO just a little*

SIGNATURE: \_\_\_\_\_

*[Handwritten Signature]*

Client: ADOC-Izard Co Sample Number: 45204-01  
Sample Description: NPDES Monitoring Date Reported: 8/3/2016  
Sample Location: WWTP Effluent  
Permit Number: AR0044016  
References: 40 CFR Part 136 Approved Methods, Containers, Preservation, Holding Times  
Standard Methods for the Examination of Water and Wastewater: EPA-600/4-79-020  
Quality Control: Blank, duplication, known addition, quarterly analysis of external references samples  
QA Frequency: Minimum of 10% Spikes and Duplicates

Sample Picked up/Grab Date/Time Sampler Composite Completed Date/Time Sampler Date/Time Lab Received:  
07/06/16 12:17 Jessica Brown 07/06/16 15:30

Parameter	Reference	Test Date/Time	Analyst	Result	Qualifiers
<b>Basic WW</b>					
Ammonia, NH3-N	SM 4500-NH3D, 2011.	7/6/2016 7:22:00 AM	AJ	2.07 mg/l	
CBOD	SM 5210B, 2011.	7/7/2016 7:00:00 AM	AJ	3.89 mg/l	
DO	SM 4500-O, 2011.	7/6/2016 12:22:00 PM	JB	6.6 mg/l	
Fecal Coliforms	SM 9222D, 2006	7/6/2016 3:00:00 PM	JB	400 Col/100 mls	
pH	SM 4500HB, 2011.	7/6/2016 12:22:00 PM	JB	7.5 pH Units	
Temperature	SM 2550B, 2010.	7/6/2016 12:22:00 PM	JB	26.8 degrees C	
TSS	SM 2540 D, 2011.	7/7/2016 8:00:00 AM	AJ	29.0 mg/l	
<b>Nitrite+Nitrate as N</b>					
NO2+NO3	EPA 300.0	7/8/2016 5:58:00 PM	AI*	<0.5 mg/l	
<b>Oil &amp; Grease</b>					
Oil & Grease	EPA 1664	7/11/2016 4:28:00 PM	AI*	10 mg/l	

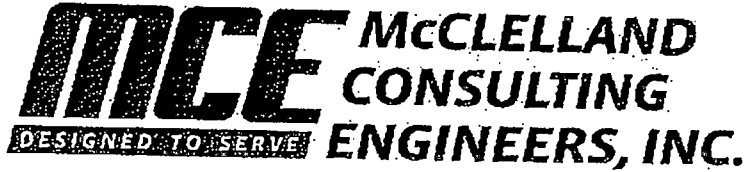
*Matt Bienvenu*

Matt Bienvenu, Laboratory Manager

\* Quality assurance/Quality control performed in Lab.

AI\* American Interplex Laboratory performed this test.

Chain of custody, equipment calibration and maintenance records, and QA/QC information are on file at the laboratory.



## Chain of Custody

Company Name: ADOC-Izard Co. Calico Rock

Contact: Danny Blankenship

Address: RT 5, Hwy 5 N  
Calico Rock, AR 72519

Telephone: 870-267-6625

Date/Time Composite Taken: \_\_\_\_\_ Sampler: \_\_\_\_\_

Date/Time Grab Taken: 7/6/15 1217 Sampler: Jessica Brown

Number of Containers: 5

Sample ID / Location:  Influent  Effluent  Temp. 26.8°C

pH 7.52 Time 1222 DO 6.57 Time 1222

Flow \_\_\_\_\_ CR \_\_\_\_\_ Time \_\_\_\_\_

Container	Type of Container	Type of Sample	Preservation	Parameters
1	P	Grab	4°C	CBOD, TSS
2	WP	Grab	4°C H <sub>2</sub> SO <sub>4</sub>	NH <sub>3</sub>
3	Thio	Grab	4°C Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub>	FC
4	P	Grab	4°C H <sub>2</sub> SO <sub>4</sub>	NO <sub>2</sub> +NO <sub>3</sub>
5	G	Grab	4°C H <sub>2</sub> SO <sub>4</sub>	O/G

Relinquished By: Jessica Brown Date/Time: 7/6/15 1530

Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments: \_\_\_\_\_

pH Calibration: pH 4 actual/observed 4.00 → 4.01 pH 7 actual/observed 7.00 → 7.01 pH 10 actual/observed 10.01 → 10.05

Slope: 51-56.59 96%

Permit# AR004416  
Afin# 33-00036

North Central Unit  
Waste Water Flow Record

Date July 2016

UV Light

Pre. Reading: 1394378			
	Effluent Reading	Total	Comments
1	1395409	103,100	
2	1396800	89,100	
3	1397283	98,500	
4	1398306	101,800	
5	1399431	112,500	
6	1400382	95,100	
7	1401462	108,000	
8	1402478	101,600	
9	1403416	113,800	
10	1404793	117,700	
11	1405965	117,200	
12	1406988	102,800	
13	1407988	100,000	
14	1409070	110,200	
15	1410234	114,900	
16	1411321	108,700	
17	1412347	94,100	
18	1413258	99,100	
19	1414153	89,500	
20	1415114	96,100	
21	1416082	91,800	
22	1417051	90,900	
23	1418075	107,400	
24	1419104	102,900	
25	1420128	106,400	
26	1421224	114,600	
27	1422271	119,700	
28	1423294	122,300	
29	1424455	126,100	
30	1426176	172,100	
31	1427357	119,000	

Total: 3,819,789

Average: 123,219

Operators Signature

*[Handwritten Signature]*  
550204