

NON-COMPLIANCE REPORT

Arkansas Department of Environmental Quality
 NPDES Enforcement Section
 5301 Northshore Drive
 North Little Rock, AR 72118

RE: NPDES Permit No: AR 0021717 Discharge Number: 001-A

Facility: City of FLIPPIN

Address: 222 EAST Industrial Park Road

City: FLIPPIN State: AR Zip: 72634

Contact: J.L. Wagener Phone: Office - 870-453-8300
Cell - 870-405-0600

Date of Non-Compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
<u>MAY 2, 2018</u>	<u>NITROGEN</u>	<u>YES</u>	<u>YES</u>	
			<u>MONTHLY AVG</u>	<u>2</u>
			<u>7 DAY AVG</u>	<u>3</u>
		<u>MONTHLY AVG</u>		<u>3</u>

We feel this problem was due to:

WE WERE COMING OFF BYPASS WHICH OUR ROTORS WERE ON A TIME LIMIT DURING THE BYPASS. WHEN WE WENT BACK ONLINE THE DO LEVEL DID NOT HAVE ENOUGH TIME TO PUT THE AMMONIA NITROGEN BACK WITHIN THE DISCHARGE PARAMETERS.

We plan on correcting the problem in this manner:

REDUCING INFLOW/INFILTRATION. WE ARE GETTING CLOSE TO COMPLETING OUR SEWER CAMERA INSPECTION WITH ARWA TO PUT WITH OUR ANRL FUNDING APP. WE REPAIR WHAT IS WITHIN OUR MEANS IS FOUND.

Time estimated that it will take to correct problem:

OCT. 2019

Sincerely,


 Authorized Signature

6-21-2018
 Date



**City of
Flippin**
ARKANSAS
"A Place For All Seasons"

June 20, 2018
ADEQ
Enforcement Division
Attn: Layne Pemberton
5301 Northshore Drive
North Little Rock, AR 72118

Re: City of Flippin, AR
Permit # AR0021717
Non Compliance Report

Dear Sir:

This letter serves as an attachment to the noncompliance report. The City Wastewater Treatment Plant has had a violation of its permit for Nitrogen, ammonia. This problem is from heavy rain fall that increases our incoming flow to the plant resulting in our dosing tank not shutting down. So it floods our filters allowing them to become saturated. Therefore allowing them no time to drain. So our process is to bypass the filters allowing them time to drain down. If we catch it quick enough to shut the rotors down we can cut down the amount of sludge that accumulates on the filters. When we go on bypass we have to put one of the two rotors on a timed auto. This is not enough oxygen for the ditch to work properly causing the Nitrogen violation, which increases due to less DO in the oxidation ditch.

Our plant operators have tried different means of operation with it ending with the same result. This is primarily our routine during heavy rain events:

1. High flow comes in and we turn a valve to the retention pond cutting the flow down low enough as to not upset the plant.
2. When the pond has reached it capacity it is shut down and all the flow is sent to the head works.
3. The rotors are shut down or put on auto on timers. This is to settle the sludge so it does not bulk up and rise over the clarifiers or flood our dosing tank which then causes other issues on limits or can pass through.

4. When the flow is high it does not allow the dosing tank time to shut off. The dosing tank runs constantly on the filters not allowing them time to drain. If sludge passes through it will allow the filters to become plugged and not drain.
5. Once all the filters are full that is all we can do. Going on bypass around the filters to the disinfection UV chamber is the only option we have at this time.

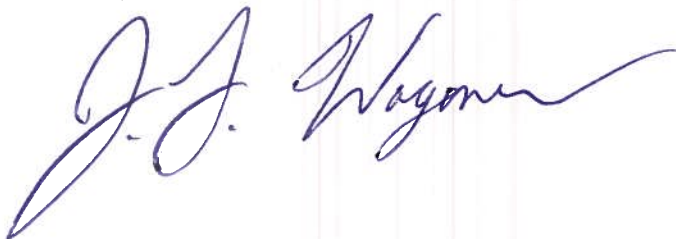
We have secured a loan with ANRC to fund ARWA to come clean, camera and inspect all lines and manholes in the entire system. As of today we have completed approximately a third of the system. When they have completed the entire system we will get a report of manholes and lines that are the problem areas.

At this time we are on schedule with our timeline (see attachment). We are using CEA-Civil Engineering Services for this project.

J.L. Wagoner

Public Works Director

City of Flippin

A handwritten signature in blue ink, appearing to read "J.L. Wagoner". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Preliminary Timeline for Flippin

Wastewater Facility Improvements

September 2017 – Begin Report for Long and Short Term Needs of Facility per requirements of proposed funding agencies (ANRC and USDA-RD)

October 2017 – Complete Report for review with City. Revise report, as required.

November 2017 – Submit Water/Wastewater Advisory Application (WWAC) for Improvements at Facility
– **This step is required for funding by federal/state agencies**

December 2017 – Obtained Approval of WWAC for Facility Improvements/Begin Funding Application including financial requirements and budget items

January 2018 – Begin Environmental Information Document for Funding Agency as part of Funding Application

April 2018 – Completed Funding Application/Public Hearings/Environmental Information Document

May 2018 – Obtain Funding Obligation Commitment

June 2018 – Start Design of Improvements

July 2018 – 30% Completion Meeting and Update

August 2018 – 50% Completion Meeting and Update

October 2018 – 100% Completion Meeting/Complete ADEQ Application for Construction

January 2019 – Obtain ADEQ, Health Department, Funding Agency Approval for Bidding

February 2019 - Bid Letting/Award of Project

March 2019 – Preconstruction Meeting on Project

October 2019 – Work Completed on Project

November 2019 – Upgrades online/City is operating facility

Preliminary Timeline for Flippin

Collection System Improvements

Collection System

September 2017 – Loan approval from ANRC/Begin work with AR Rural Water

March 2018 – Complete Study of System for City's use

April 2018 – Complete Report for Improvements with Proposed Construction Cost Options

May 2018 - Submit Water/Wastewater Advisory Application (WWAC) for Improvements at Facility – **This step is required for funding by federal/state agencies**

June 2018 – Obtained Approval of WWAC for Facility Improvements/Begin Funding Application including financial requirements and budget items

August 2018 – Complete Funding Application/ Receive Funding Commitment

September 2018 – Submit plans to Health Department/Funding agency for approval

October 2018 – Receive approval from agencies

November 2018 – Bid Letting/Bid Award of project

December 2018 – Preconstruction Meeting for Project(s)

May 2019 – Project(s) Completed/City accepts project(s)