

NON-COMPLIANCE REPORT

May 12, 2014

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

RE: NPDES Permit No. AR0043613 AFIN No. 14-00059 Discharge Number: 001

Facility: City of Magnolia-Big Creek WWTP

Physical Address: 72 Columbia Road 300 Magnolia, AR 71753

Mailing Address: P.O. Box 666 Magnolia, AR 71754-0666

Contact: Russell Thomas Phone: 870-234-2955 Fax: 870-234-2203

Email: mwws@sbcglobal.net

Date of Non-compliance	Parameter Exceeded	Quantity or Loading	Quality or Concentration	Permit Limits
3/25/2014	CBOD		15.4 MG/L	15.0 MG/L
4/28/2014	NH3-N	64.7 LBS/DAY	2.8 MG/L	2.4MG/L – 50 LBS

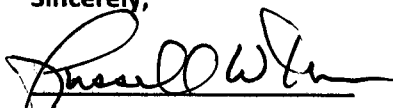
We feel like this problem was due to: Due to a 5.726 million gallon follow the day before the CBOD test was sampled, the plant was completely washed out. The plant was basically processing rain water with a high silt and storm water infiltration. Once the plant fell back to normal flow CBOD was back in range.

Ammonia as Nitrogen was caused by plant wash outs on 4/8; 4/9; /4/17. The nitro bacteria are the last processing bacteria to re-grow in the activated sludge process. In order to expedite the growth of the Nitrogen bacteria, a commercial enzyme is added to the oxidation ditch which is mixed with 200 pounds of dog food in order to provide food to establish the bacteria which process the sludge.

We plan on correcting the problem in this manner: Magnolia Wastewater is working when funding is available to replace the areas where infiltration is a major problem.

Time estimated that it will take to correct the problem: As revenue allows transmission lines with infiltration are being replaced. Ammonia as Nitrogen is a process which requires time, food, oxygen, and pH, which is being addressed as needed.

Sincerely,


Russell W. Thomas

05/13/2014
Date

Sanitary Sewer Overflow (SSO) Monthly Tabular Report

Facility Name: Magnolia, City of Big Creek WWTP NPDES Permit No.: AR0043613

Monitoring Period (Month/Year): 04 / 2014

AFIN: 14-00059

Month Year

No Sanitary Sewer Overflows This Monitoring Period

Summary Report Code Descriptions

Cause(s) of SSO	Environmental Impact	Action(s) Taken	Ultimate Discharge Location
CO-Construction	D-Debris	NEAH-No Evid. of Adverse Health/Environmental Impact	WO-Work Order
E-Equipment Failure	G-Grease	OEEI-Observed or Evidence of Environmental Impact	EC-Environmental Cleanup
LF-Line Failure	R-Rainfall	OEHC-Observed or Evidence of Human Contact	HC-Hydro Cleaned
RG-Roots / Grease	RO-Roots	EFK-Evidence of Fish Kill	HR-Hand Rodded
V-Vandalism		EN-Referred to Engineering	PA-Paved Area
		PN-Public Notification	CB-Contained in Building

Location.	Manhole #	Start Date of SSO	End Date of SSO	Estimated Volume (in gallons)	Cause of SSO	Environmental Impact	Action (s) Taken to Address SSO	Ultimate Discharge Location

Signature _____

Date **05/ 12 / 2014**

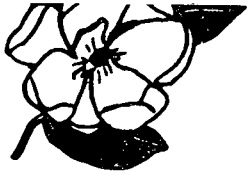
Signature of Cognizant Official (sign above)-----Date above (Month/ Day/ Year)-----For ADEQ Staff Use (below)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Mail to: **ADEQ Water Division P.O. Box 8913 Little Rock, AR 72219-8913** Mail NO later than the 25th of the month following the monitoring period. You should send in the same envelope with the DMR.

MAGNOLIA WASTEWATER SYSTEM

City of Magnolia Big Creek WWTP
P.O. Box 666
Magnolia, AR 71754-0666
Permit # AR0043613
AFIN # 14-00059

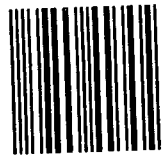


**RETURN RECEIPT
REQUESTED**



7013 0600 0002 2522 3106

NPDES Enforcement Section
Water Division
ADEQ
5301 N. Shore Dr.
North Little Rock, Arkansas 72118-5317



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72118

U.S. POSTAGE
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