

ADEQ

ARKANSAS
Department of Environmental Quality

April 15, 2014

Jim Shempert, Water Utilities Director
City of Marion WWTP
P.O. Box 717
Marion, AR 72364

RE: Compliance Inspection, Marion Wastewater Treatment Plant
AFIN: 18-00110 Permit No.: AR0021971, AR0021971C and ARR000189

Dear Mr. Shempert:

On March 18, 2014, I performed a routine compliance inspection of the above referenced facility. Throughout the course of the inspection, I conducted a compliance evaluation inspection (CEI), a sanitary sewer overflow (SSO) inspection, a stormwater no exposure verification, and a reconnaissance inspection of the proposed modifications to the WWTP. This inspection was conducted 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 reports are enclosed for your records.

Please refer to the “Summary of Findings” section of the attached inspection report and provide a written response for each violation that was noted. This response should be mailed to the attention of the Water Division Inspection Branch at the address at the bottom of this letter or e-mailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e. photos) is **due by April 29, 2014**.

If I can be of any assistance, please contact me at greenway@adeq.state.ar.us or 870-935-7221.

Sincerely,





Michael Greenway
District 3 Field Inspector
Water Division

<h1 style="margin:0;">ADEQ</h1> <p style="margin:0; font-size: small;">A R K A N S A S Department of Environmental Quality</p>		WATER DIVISION INSPECTION REPORT			
		AFIN: 18-00110		PERMIT #: AR0021971	
COUNTY: 18 Crittenden		PDS #: 077287		MEDIA: WN	
GPS LOCATION: LAT: 35.190364 LONG: -90.228445					
<input type="checkbox"/> Outfall / <input type="checkbox"/> General Area / <input checked="" type="checkbox"/> Entrance / <input type="checkbox"/> Sample Point					
FACILITY INFORMATION			INSPECTION INFORMATION		
NAME: City of Marion WWTP			DATE(S):	3/18/2014	
LOCATION: West side of Hwy 118, South of the UP rail road.			ENTRY TIME:	10:30	
			EXIT TIME:	16:00	
CITY: Marion, AR			INSPECTION TYPE: Compliance Evaluation		
RESPONSIBLE OFFICIAL			INSPECTOR ID#: 86009 S - State		
CONTACTED DURING INSPECTION: Yes			FACILITY TYPE: 1 - Municipal		
NAME: Jim Shempert			PERMIT EFFECTIVE DATE: 12/1/2013		
TITLE: Water Utilities Director			PERMIT EXPIRATION DATE: 6/30/2017		
COMPANY: City of Marion			FACILITY EVALUATION RATING: 1 - Unsatisfactory		
MAILING P.O. Box 717 ADDRESS:			FAYETTEVILLE SHALE RELATED: N		
			FAYETTEVILLE SHALE VIOLATIONS: N		
CITY, STATE, ZIP: Marion, AR 72364			INSPECTION PARTICIPANTS		
PHONE & EXT: 870-739-5413			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Jim Shempert / Water Utilities Director / 870-739-5413.		
FAX: N/A					
EMAIL: N/A					
OTHER: N/A					
AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	U	FLOW MEASUREMENT	**	STORMWATER
U	RECORDS/REPORTS	S	LABORATORY	U	FACILITY SITE REVIEW
U	OPERATION & MAINTENANCE	M	EFFLUENT/RECEIVING WATER	U	SELF-MONITORING PROGRAM
U	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT
**	OTHER:				
SUMMARY OF FINDINGS					
<p>This routine compliance inspection revealed the following violations:</p> <ol style="list-style-type: none"> 1. The totalizing meter for flow measurements was not maintained (Photo 1). Instantaneous flow measurements were taken daily at the crest of the weir. This violates Part I, Section A, and Part III, Section B, Item 1A of the Permit. 2. The facility did not perform influent sampling and calculate the CBOD5 and TSS removal rate annually. This violates Part II, Item 2 of the Permit. 3. There was excessive vegetation on the north and east levees of the lagoon (Photos 2-3). This violates Part III, Section B, Item 1A of the Permit. 4. Head was measured improperly at the crest of the weir for instantaneous flow measurements (Photo 4). This violates Part III, Section C, Item 2 of the Permit. A staff gauge should be installed at least 3 times the expected head upstream of the weir for accurate flow measurement. 5. The time and individual performing sampling/analysis was not recorded for DO monitoring. This violates Part III, Section C, Item 8 of the Permit. 6. At the time of inspection, flow was measured and calculated to be greater than 2.39 MGD. This exceeds the 1.6 MGD design flow of the facility. It appears the facility may experience significant infiltration and inflow problems. Auxiliary pumps were installed and running to establish/maintain adequate freeboard in the lagoons (Photo 5). 7. The Sanitary Sewer Overflow (SSO) inspection revealed excessive grease and solids in the wet well of the Vintage Veranda pump station. This violates Part III, Section B, Item 1A of the Permit. 					

GENERAL COMMENTS

Refer to the letter and accompanying inspection reports for additional information.

INSPECTOR'S SIGNATURE:  Michael Greenway	DATE: 4/4/2014
SUPERVISOR'S SIGNATURE:  Jason Bolenbaugh	DATE: 4/14/2014

Water Division Photographic Evidence Sheet

Location:	City of Marion WWTP		
Photographer:	Michael Greenway	Date:	3/18/2014
Time:	10:45	Witness:	None
Photo #:	1	Description:	The box for the totalizing meter near the outfall. The flow measurement device was not maintained.



Photographer:	Michael Greenway	Date:	3/18/2014
Time:	11:25	Witness:	None
Photo #:	2	Description:	View of excessive vegetation on the outer slope of the east lagoon levee.



Water Division Photographic Evidence Sheet

Location:	City of Marion WWTP		
Photographer:	Michael Greenway	Date:	3/18/2014
Time:	11:28	Witness:	None
Photo #:	3	Description:	View of excessive vegetation on the outer slope of the north lagoon levee.



Photographer:	Michael Greenway	Date:	3/18/2014
Time:	10:44	Witness:	None
Photo #:	4	Description:	View of the outfall weir. Fourteen inches of head was measured over the crest of the 90 degree v-notch weir.



Water Division Photographic Evidence Sheet			
Location:	City of Marion WWTP		
Photographer:	Michael Greenway	Date:	3/18/2014
Witness:	None	Time:	11:12
		Photo #:	5
Description:	View of the auxiliary pumps on the levee of the final lagoon.		
			
Photographer:	Michael Greenway	Date:	3/18/2014
Witness:	None	Time:	10:49
		Photo #:	6
Description:	View of the discharge into Fifteen Mile Bayou.		
			