



ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: 18-00110	PERMIT #: AR0021971	
COUNTY: 18 Crittenden	PDS #: 077286	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: 13:30
	EXIT TIME: 14:00
CITY: Marion, AR	INSPECTION TYPE: SSO/Collection System
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: N
MAILING P.O. Box 717	FAYETTEVILLE SHALE RELATED: N
ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N
CITY, STATE, ZIP: Marion, AR 72364	INSPECTION PARTICIPANTS
PHONE & EXT: 870-739-5413	NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
FAX: N/A	Jim Shempert / Water Utilities Director / 870-739-5413
EMAIL: N/A	
OTHER: N/A	

AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	**	FLOW MEASUREMENT	**	STORMWATER
**	RECORDS/REPORTS	**	LABORATORY	**	FACILITY SITE REVIEW
U	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER	**	SELF-MONITORING PROGRAM
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL	**	PRETREATMENT
U	OTHER: SSO				

SUMMARY OF FINDINGS

This Sanitary Sewer Overflow (SSO) inspection was performed during the course of a routine compliance inspection. This SSO inspection revealed excessive grease and solids in the wet well of the Vintage Veranda pump station.

GENERAL COMMENTS

Refer to the letter accompanying the March 18, 2014 Compliance Evaluation Inspection 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, Vintage Veranda Pump Station				
Photographer:	Michael Greenway	Date:	3/18/2014	Time:	13:54
Witness:	None	Photo #:	1		
Description:	View of excessive grease and solids in the wet well of the Vintage Veranda pump station.				



Marion Water Department

MAYOR
FRANK A FOGLEMAN

WATER UTILITIES MANAGER
JIM SHERPERT

31 MILITARY ROAD
P.O. BOX 814
MARION, ARKANSAS 72364
PHONE: 870-739-3073
FAX: 870-739-5415

WATER & SEWER COMMITTEE

JIM SPENCE, CHAIRMAN
KELLY O'NEAL
CLIFF WOOD

APRIL 23, 2014

Water Division Inspection Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: WRITTEN RESPONSE TO SUMMARY OF FINDINGS

AFIN: 18-00110 Permit No: AR0021971, AR0021971C and ARR000189

1. Totalizing Meter was not in service at the time of inspection due to lighting damage in February. Van Brocklin and Associates had the meter making repairs. It is now in service. (Copy of invoice attached)
2. Influent sampling to calculate CBOD5 and TSS annually was a total oversight on my part as the operator. It is now scheduled with my contract lab to be performed annually. (Copy of report attached)
3. Excessive vegetation on lagoon levees will be addressed as weather permits.
4. Staff gauge has been installed. (Photo attached)
5. Sample time recording and the individual making the analysis will be reported on the DO sample. (Sample report sheet attached)
6. Flow design was exceeded due to the auxiliary pumping. We anticipate compliance of Daily Flow with the implementation of our new permit allowing us to pump our effluent to the Mississippi River, giving us more control of our flow.
7. We have removed the excessive grease and solids from the wet well at Vintage Veranda pump station. (Photo attached)

<h1 style="margin: 0;">ADEQ</h1> <p style="margin: 0;">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		
CITY: Marion, AR		EXIT TIME:	16:00		
RESPONSIBLE OFFICIAL		INSPECTION TYPE: Compliance Evaluation			
CONTACTED DURING INSPECTION: Yes		INSPECTOR ID#: 86009 S - State			
NAME: Jim Shempert		FACILITY TYPE: 1 - Municipal			
TITLE: Water Utilities Director		PERMIT EFFECTIVE DATE: 12/1/2013			
COMPANY: City of Marion		PERMIT EXPIRATION DATE: 6/30/2017			
MAILING P.O. Box 717		FACILITY EVALUATION RATING: 1 - Unsatisfactory			
ADDRESS:		FAYETTEVILLE SHALE RELATED: N			
CITY, STATE, ZIP: Marion, AR 72364		FAYETTEVILLE SHALE VIOLATIONS: N			
PHONE & EXT: 870-739-5413		INSPECTION PARTICIPANTS			
FAX: N/A		NAME/TITLE/PHONE/FAX/EMAIL/ETC.:			
EMAIL: N/A		Jim Shempert / Water Utilities Director / 870-739-5413.			
OTHER: N/A					
AREA EVALUATIONS					
<small>(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)</small>					
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. 					

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

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY

5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK / ARKANSAS 72118-5317 / TELEPHONE 501-682-0744 / FAX 501-682-0880

www.adeq.state.ar.us

Page 1 of 6

<h1 style="margin:0;">ADEQ</h1> <p style="margin:0;">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
	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
CITY: Marion, AR	EXIT TIME: 16:00
	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	FAYETTEVILLE SHALE RELATED: N
ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N
CITY, STATE, ZIP: Marion, AR 72364	INSPECTION PARTICIPANTS
PHONE & EXT: 870-739-5413	NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
FAX: N/A	Jim Shempert / Water Utilities Director / 870-739-5413.
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

This routine compliance inspection revealed the following violations:

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.



Van Brocklin & Associates, Inc.

P.O. Box 17422
Memphis, Tennessee 38187
Phone: (901)795-6611 Fax: (901)363-1955

INVOICE

19124

Invoice Date	Your Order No.	Our Order No.
4/1/2014	Verbal	14-100-R

SOLD TO:

City of Marion
P.O. Box 814
Marion, AR 72364

SHIPPED TO:

Delivered by RLS
Attn: Jim Shempert

Salesperson	Date Shipped	Terms	Shipped Via	F.O.B.	
RLS	3/31/2014	Net 30 Days	Toyota Truck	Memphis	
Ord	Shp'd	B/O	Description	Unit Price	Total
1	1		Replacement Chart Recorder for QCS-300IA Flowmeter	2,250.00	2,250.00

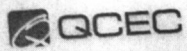
DEPARTMENT SPW/MR
ACCOUNT # 66520
APPROVED BY JS
DATE APPROVED 4/2/14

#1

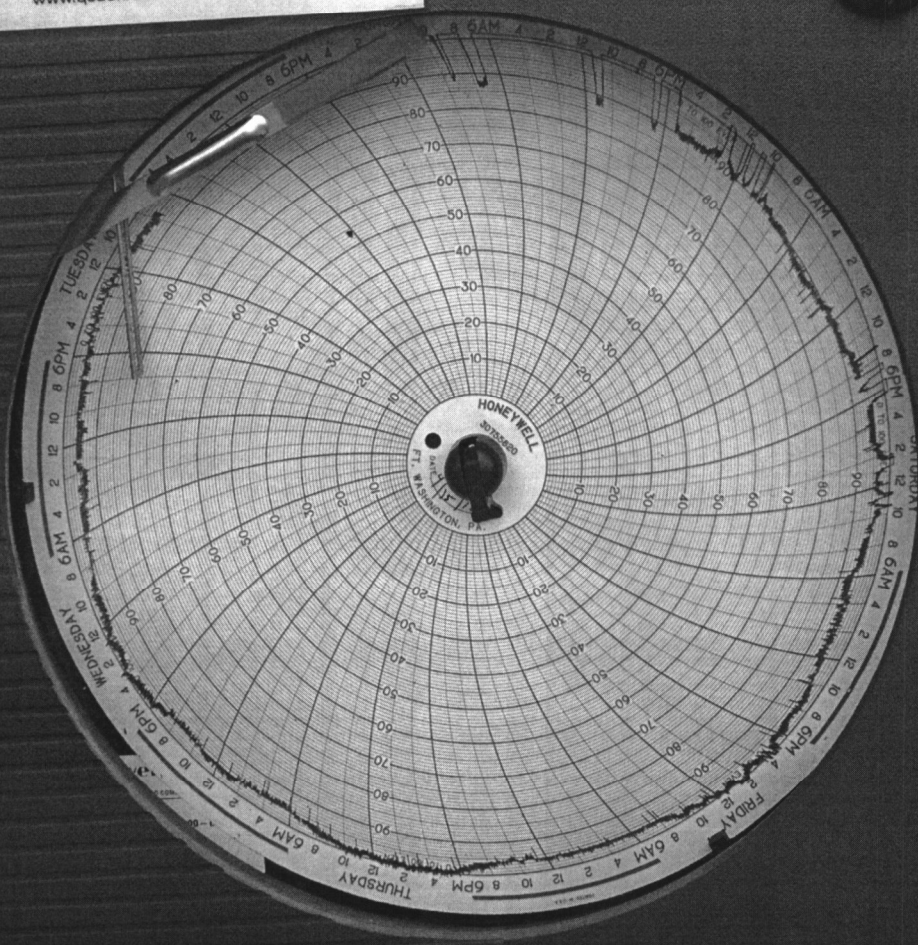
Subtotal	\$2,250.00
Arkansas Sales Tax 6.500%	146.25
County Tax 1.750%	39.38
City Tax 2.000%	45.00
Shipping Charges	18.45

PAY THIS AMOUNT **\$2,499.08**

#1



4280 E. 14th Street • Des Moines, IA 50313
Phone: 515-266-2268 • Fax: 515-266-0243
www.qcec.com



CHAIN OF CUSTODY

COC Number / Kit ID



0000036749

#2

Company Name City of Marion Water Department				Customer Number 02608		Telephone (870) 739-5413		RUSH	ICE
Site Name			Project Comment					FID Number	
Project			Project Number		PO Number				
Project Manager / Contact Mr. Jim Shempert				E-mail					
Sample ID	Container Type	Collected Date / Time	# Cont	Preservative	Grab / Comp	Matrix	Analyses		
Annual Influent Grab	Plastic - Quart	4/23/14 9:20 Am	1	NONE	G	Aqueous	BOD, CBOD, TSS		
Annual Effluent Grab	Plastic - Quart	4/23/14 9:20 AM	1	NONE	G	Aqueous	BOD, CBOD, TSS		

Sampled By D.P.		Method of Shipment		Blank / Cooler Temperature		Remarks	
Relinquished By (sign) [Signature]		Date / Time 4/23/14 1230		Received By (sign) W. Creek		Date / Time 4/23/14 1230	
Relinquished By (sign)		Date / Time		Received By (sign)		Date / Time	
Relinquished By (sign)		Date / Time		Received by Lab (sign)		Date / Time	



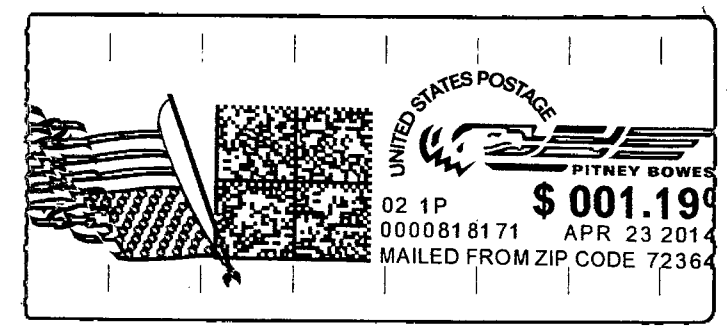
#5

City Of Marion D.O. & Flow Monthly Report

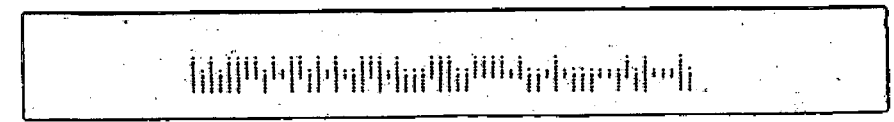
D.O.	TEMP	SAMPLED BY	SAMPLE TIME	ANALYSES TIME	FLOW
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					



31 MILITARY RD.
MARION, AR. 72364



WATER DIVISION INSPECTION BRANCH
ADEQ
5301 NORTHSORE DRIVE
NORTH LITTLE ROCK, AR. 72118-5317



ADEQ

ARKANSAS
Department of Environmental Quality

May 8, 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:

I have reviewed the response pertaining to my March 18, 2014 inspection of the above referenced facility. The information provided sufficiently addresses the violations referenced in my inspection reports. At this time the Department has no further comment concerning this particular inspection. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 870-935-7221 ext. 15, or greenway@adeq.state.ar.us.

Sincerely,



Michael B. Greenway
District 3 Field Inspector
Water Division