ADEQ
ARKANSAS
Department of Environmental Quality

September 2, 2016

Shelia Walters, Mayor
City of Trumann
106 E. Main St.
Trumann, AR 72472

RE: City of Trumann Inspection
AFIN: 56-00047 Permit No.: AR0035602

Dear Mayor Walters:

On August 1 and 2, 2016, I performed a Compliance Sampling Inspection and SSO/Collection System Inspection of the above referenced facility 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 **September 9, 2016**.

If I can be of any assistance, please contact me at 870-935-7221 ext.-15 or frasher@adeq.state.ar.us.

Sincerely,

Sarah Frasher
District 3 Field Inspector
Water Division

ADEQ
ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: **56-00047** | PERMIT #: **AR0035602** | DATE: **8/1/2016**

COUNTY: **56 Poinsett** | PDS #: **092577** | MEDIA: **WN**

GPS LAT: **35.682519** LONG: **-90.494141** LOCATION: **Entrance**

FACILITY INFORMATION

NAME:
City of Trumann
LOCATION:
~0.36 miles East of N. Speedway St.
CITY:
Trumann

RESPONSIBLE OFFICIAL

NAME: / TITLE
Shelia Walters / Mayor
COMPANY:
City of Trumann
MAILING ADDRESS:
106 E. Main St.
CITY, STATE, ZIP:
Trumann AR 72472
PHONE & EXT: / FAX:
/
EMAIL:

CONTACTED DURING INSPECTION: **No**

INSPECTION INFORMATION

FACILITY TYPE: **1 - Municipal**
INSPECTOR ID#: **112347 S - State**
FACILITY EVALUATION RATING: **3 - Satisfactory**
INSPECTION TYPE: **Compliance Sampling**

DATE(S):	ENTRY TIME:	EXIT TIME:
8/1/2016	**09:15**	**14:45**
8/2/2016	**08:45**	**10:00**

PERMIT EFFECTIVE DATE: **1/1/2015**
PERMIT EXPIRATION DATE: **12/31/2019**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Scotty Jones/Wastewater Chief Operator
Lorre Holt/Laboratory Technican

AREA EVALUATIONS

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)

S	PERMIT	**M**	FLOW MEASUREMENT	**N**	STORMWATER
M	RECORDS/REPORTS	**S**	LABORATORY	**S**	FACILITY SITE REVIEW
S	OPERATION & MAINTENANCE	**S**	EFFLUENT/RECEIVING WATER	**S**	SELF-MONITORING PROGRAM
S	SAMPLING	**N**	SLUDGE HANDLING/DISPOSAL	**N**	PRETREATMENT
N	OTHER:				

SUMMARY OF FINDINGS

Samples were collected and analyzed for various water quality parameters at Outfall 001. Permit violations were noted from pH measurements. Please view attached Tables 1 and 2 for further reference.

The following violations were noted at the time of the inspection:

1. **The pH was measured over the effluent limitations of the permit. This violates Part I Section A of the permit. The pH was measured as 9.05 by Sarah Frasher and 9.24 by Lorre Holt on August 2, 2016. Please send a non-compliance report with your response for this excursion.**
2. **Secondary flow meter transponder was not working properly at the time of the inspection. This violates Part III Section C.2 of the permit.**
3. **Total Phosphorus mass loading was incorrectly reported on the DMRs. On February 19, 2016, the total phosphorus was reported as 17.1 lbs/day and should be reported as 10.6 lbs/day. Please submit corrected DMRs with your response for total phosphorus.**
4. **A thermometer was unavailable in the Fecal Bath at the time of the inspection. This was communicated to Ms. Holt of the need to have a calibrated thermometer.**

GENERAL COMMENTS	
Brent Walker, Water Inspector District 3, also participated in this inspection. **A SSO/Collection System Inspection was performed in conjunction with this inspection. Please view attached letter for more details.** **Secondary flow measurement device not working properly at the time of the inspection. On August 3, 2016, work order was completed to repair flow meter. The transponder was determined in need of replacement and was ordered the same day.** **Pump turned on for samples collection after the pump was turned off for the weekend. Lorre Holt stated that the lagoon was getting low and the pump was normally turned off for the weekend and turned on again during the week.**	
INSPECTOR'S SIGNATURE: **Sarah Frasher**	DATE: **8/26/2016**
SUPERVISOR'S SIGNATURE: **Jason Bolenbaugh**	DATE: **9/2/2016**

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	☑Y ☐N ☐NA ☐NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	☐Y ☐N ☑NA ☐NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	☑Y ☐N ☐NA ☐NE
4. ALL DISCHARGES ARE PERMITTED:	☑Y ☐N ☐NA ☐NE
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☐S ☑M ☐U ☐NA ☐NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS: **Total Phosphorus loading not reported correctly**	☐Y ☑N ☐NA ☐NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	☑S ☐M ☐U ☐NA ☐NE
a. DATES AND TIME(S) OF SAMPLING:	☑Y ☐N ☐NA ☐NE
b. EXACT LOCATION(S) OF SAMPLING:	☑Y ☐N ☐NA ☐NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	☑Y ☐N ☐NA ☐NE
d. ANALYTICAL METHODS AND TECHNIQUES:	☑Y ☐N ☐NA ☐NE
e. RESULTS OF CALIBRATIONS:	☑Y ☐N ☐NA ☐NE
f. RESULTS OF ANALYSES:	☑Y ☐N ☐NA ☐NE
g. DATES AND TIMES OF ANALYSES:	☑Y ☐N ☐NA ☐NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	☑Y ☐N ☐NA ☐NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	☑S ☐M ☐U ☐NA ☐NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	☑S ☐M ☐U ☐NA ☐NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	☑Y ☐N ☐NA ☐NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	☑S ☐M ☐U ☐NA ☐NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	☑S ☐M ☐U ☐NA ☐NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	☐S ☐M ☐U ☑NA ☐NE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	☑S ☐M ☐U ☐NA ☐NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	☑S ☐M ☐U ☐NA ☐NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	☑S ☐M ☐U ☐NA ☐NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	☐Y ☐N ☑NA ☐NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	☑Y ☐N ☐NA ☐NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	☑Y ☐N ☐NA ☐NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	☐Y ☑N ☐NA ☐NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	☐Y ☐N ☑NA ☐NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	☐Y ☐N ☑NA ☐NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	☐Y ☑N ☐NA ☐NE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	☐Y ☐N ☑NA ☐NE

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	☑Y ☐N ☐NA ☐NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	☑Y ☐N ☐NA ☐NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	☑Y ☐N ☐NA ☐NE
b. PROPER PRESERVATION TECHNIQUES USED:	☑Y ☐N ☐NA ☐NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	☑Y ☐N ☐NA ☐NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	☑Y ☐N ☐NA ☐NE

SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☐S ☑M ☐U ☐NA ☐NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: **Yes** TYPE OF DEVICE: **9 in. Parshall flume**	☑Y ☐N ☐NA ☐NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y ☐N ☐NA ☐NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: **HydroRanger 200 Transponder not working properly**	☐Y ☑N ☐NA ☐NE
4. CALIBRATION FREQUENCY ADEQUATE:	☑Y ☐N ☐NA ☐NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y ☐N ☐NA ☐NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	☑Y ☐N ☐NA ☐NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y ☐N ☐NA ☐NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	☑Y ☐N ☐NA ☐NE
9. HEAD MEASURED AT PROPER LOCATION:	☑Y ☐N ☐NA ☐NE

SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	☑Y ☐N ☐NA ☐NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	☑Y ☐N ☐NA ☐NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	☑Y ☐N ☐NA ☐NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
7. COMMERCIAL LABORATORY USED:	☑Y ☐N ☐NA ☐NE
a. LAB NAME: **American Interplex**	
b. LAB ADDRESS: **Little Rock, AR**	
c. PARAMETERS PERFORMED: **Total Phosphorus, WET Testing**	
8. BIOMONITORING PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
a. PROPER ORGANISMS USED:	☑Y ☐N ☐NA ☐NE
b. PROPER DILUTION SERIES FOLLOWED:	☑Y ☐N ☐NA ☐NE
c. PROPER TEST METHODS AND DURATION:	☑Y ☐N ☐NA ☐NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	☑Y ☐N ☐NA ☐NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

BASED ON VISUAL OBSERVATIONS ONLY — ☑S ☐M ☐U ☐NA ☐NE

DETAILS:

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	N/A	N/A	Low	N/A	N/A	green	--

SECTION H: SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS — ☐S ☐M ☐U ☑NA ☐NE

DETAILS: **Sludge stays in lagoon**

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: ☐S ☐M ☐U ☑NA ☐NE
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: ☐S ☐M ☐U ☑NA ☐NE
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):

SECTION I: SAMPLING INSPECTION PROCEDURES

SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS — ☑S ☐M ☐U ☐NA ☐NE

DETAILS:

1. SAMPLES OBTAINED THIS INSPECTION: ☑Y ☐N ☐NA ☐NE
2. TYPE OF SAMPLE: ☑GRAB:__ ☑COMPOSITE:__ METHOD: **Composite Sampler** FREQUENCY: **24-hours**
3. SAMPLES PRESERVED: ☑Y ☐N ☐NA ☐NE
4. FLOW PROPORTIONED SAMPLES OBTAINED: ☑Y ☐N ☐NA ☐NE
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE: ☑Y ☐N ☐NA ☐NE
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE: ☑Y ☐N ☐NA ☐NE
7. SAMPLE SPLIT WITH PERMITTEE: ☑Y ☐N ☐NA ☐NE
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED: ☑Y ☐N ☐NA ☐NE
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT: ☑Y ☐N ☐NA ☐NE

SECTION J: STORM WATER POLLUTION PREVENTION PLAN

STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS — ☐S ☐M ☐U ☑NA ☐NE

DETAILS:

1. SWPPP UPDATED AS NEEDED:__ DATE OF LAST UPDATE: ☐Y ☐N ☑NA ☐NE
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS: ☐Y ☐N ☑NA ☐NE
3. POLLUTION PREVENTION TEAM IDENTIFIED: ☐Y ☐N ☑NA ☐NE
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED: ☐Y ☐N ☑NA ☐NE
5. LIST OF POTENTIAL POLLUTANT SOURCES: ☐Y ☐N ☑NA ☐NE
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS: ☐Y ☐N ☑NA ☐NE
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED: ☐Y ☐N ☑NA ☐NE
8. LIST OF STRUCTURAL BMPS: ☐Y ☐N ☑NA ☐NE
9. LIST OF NON-STRUCTURAL BMPS: ☐Y ☐N ☑NA ☐NE
10. BMPS PROPERLY OPERATED AND MAINTAINED: ☐Y ☐N ☑NA ☐NE
11. INSPECTIONS CONDUCTED AS REQUIRED: ☐Y ☐N ☑NA ☐NE

FLOW CALCULATION SHEET

Date: **08/01/2016** Time: **11:59**

Head in Inches: **4.5** Feet: **0.375**

Type & Size of Primary Flow Measurement Device: 9 inches Parshall flume

Name & Model of Secondary Flow Measurement Device: HydroRanger 200

Date of last Calibration of Secondary Flow Device: 10/19/2015

Recorded Flow at Date & Time Listed Above: **0.385** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **0.4515**

(Flow is calculated using flow charts in: ISCO Open Channel Flow Measurement Handbook-5th Edition)

$$\% \text{ Error} = \frac{\text{Recorded Value} - \text{Calculated Value}}{\text{Calculated Value}} \times 100$$

$$\% \text{ Error} = \frac{0.385 - 0.4515}{0.4515} \times 100$$

$$\% \text{ Error} = \frac{-0.0665}{0.4515} \times 100$$

$$\% \text{ Error} = -0.1473 \times 100$$

% Error = **-14.73** %

Comments: **Not within +/-10% difference.**

DMR Calculation Check

Reporting Period:	**From**	**2016** (Year)	**02** (Month)	**01** (Day)	**To**	**2016** (Year)	**02** (Month)	**29** (Day)

Parameter Checked: **Total Phosphorus**

	Loading Mass Mo. Avg. - lbs/day	**Concentration Monthly Mo. Avg. - mg/l**	**Concentration Monthly 7-day Avg. - mg/l**
Reported Value:	**17.1**	**4.1**	**4.1**
Calculated Value:	**10.6**	**4.1**	**4.1**
Permit Value:	**Report**	**Report**	**Report**

If calculated value does not equal reported value, explain: **See below.**

Mass loading = Concentration (mg/L) * Flow (MGD) * 8.34 lbs/gal

Mass loading = 4.12 mg/L * 0.308 MGD * 8.34 lbs/gal

Mass loading = 10.6 lbs/day

Facility has been using Mo. Avg. Flow instead of Instantaneous flow from the sample date.

DMR Calculation Check

Reporting Period: From **2016** (Year) **03** (Month) **01** (Day) To **2016** (Year) **03** (Month) **31** (Day)

Parameter Checked: **TSS**

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	Concentration Monthly 7-day Avg. - mg/l
Reported Value:	**265.6**	**29.1**	**37.8**
Calculated Value:	**265.6**	**29.1**	**37.8**
Permit Value:	**1,336.0**	**90.0**	**135**

If calculated value does not equal reported value, explain: **Equal**

Table 1. ADEQ laboratory and permittee split sample collection water quality parameter measurements for Outfall 001 at the City of Trumann. The effluent discharge limitations are displayed from the permit.

Water Quality Parameters	Concentration			Permit Limits	
	ADEQ Lab	Permittee Split	Units	Monthly Avg.	7-Day Avg.
Composite Flow	N/A	N/A	MGD	Report (MGD)	Report (MGD)
Instantaneous Flow	0.4515	0.4515	MGD	N/A	N/A
Biochemical Oxygen Demand (BOD5)	12.3	12.9	mg/L	30.0 mg/L	45.0 mg/L
Total Suspended Solids (TSS)	12	12.3	mg/L	90.0 mg/L	135.0 mg/L
Dissolved Oxygen (DO)	7.17	7.66	mg/L		5.0 mg/L (Inst. Min.)
Fecal Coliform Bacteria (FCB)	~9	1.415	cfu/100 mL	200 cfu/100 mL	400 cfu/100mL
Total Phosphorus (TP)[2]	3.26	N/A	mg/L	Report	Report
Total Recoverable Arsenic (AR)[3]	1.94	N/A	µg/L	Report (µg/L)	Report (µg/L)
pH	7.1	7.0	s.u.	Minimum 6.0 s.u.	Maximum 9.0 s.u.

Table 2. ADEQ laboratory and permittee split sample collection mass loading results for Outfall 001 at the City of Trumann. The effluent discharge limitations are displayed from the permit.

Water Quality Parameters	Mass Loading (lbs/day)		Permit Limits (lbs/day)
	ADEQ Lab	Permittee Split	Monthly Avg.
Instantaneous Flow	0.4515 MGD	0.4515 MGD	N/A
Biochemical Oxygen Demand (BOD5)	46.3	48.6	445.0
Total Suspended Solids (TSS)	45.2	46.3	1336.0

To ADEQ Officials:

In reference to recent ADEQ inspection dated 8-1-2016 and 8-2-2016 our response to the summary of findings at our wastewater treatment facility is as follows:

1. PH compliance – Part I Section A. During the summer months we experience high temperatures, low freeboard during low rainfall periods, and extreme algae growth. We feel that all these factors contribute to elevated PH levels. Our standard operating procedure is to stop effluent flow and recycle treated water in an effort to avoid the discharge of any water that may not be in compliance with our permitted PH limits. Previous to the inspection we had no effluent flow but due to the inspection we resumed discharge in order to collect samples for the inspection. PH will be monitored during non-discharge periods to ensure that when effluent flow resumes the PH is at acceptable levels. Note that we have never exceeded PH levels in the past due to our diligence in the summer months.
2. Secondary Flow Meter – Part III Section C.2 On 8-1-2016 we did encounter a problem with our secondary flow meter. Measurements showed more than a 10% difference between our flow meter and manual measurements at the discharge flume. Jeff Porterfield with Calibrations and Controls was contacted that same day and able to perform meter calibrations on 8-3-2016. Jeff stated that secondary flow meter readings were "spot on" but that he did notice some issues with the transducer that could make it give false readings. His recommendation was to go ahead and replace transducer. We order the replacement parts and they were installed on 9-7-2016. Documentation is attached on the work performed.
3. Total Phosphorus Mass Loading. We were using monthly average flow to calculate loading. All DMR's have been corrected using the flow in MGD from the day the sample was collected.
4. Thermometer has been purchased and installed in the fecal bath on 8-12-2016

Referencing the Summary of Findings for Part III Section B.1 for Operations and Maintenance:

1. Adequate ventilation needs to be installed in several lift stations. The Swaney station in particular was one of the latest lift stations we have changed out and built our own custom building. It wasn't noted in the findings that no foam enclosures were used between framing and metal sheeting. These gaps in sheeting do allow gases to escape from the structure. I do agree that more ventilation should be available. I will research some options on power ventilation fans to be used in our custom buildings. It will be feasible to have these ventilation fans installed in all custom lift station buildings by the end of this year.
2. Lighting in lift stations. We shall diligently work on installing proper lighting in the lift stations that are in need of such. It also is feasible to have this completed by the end of this year.
3. Electrical cover on Ballard station. The cover was removed by unknown persons. The cover was replaced on 8-10-2016 and all electrical components are secured.

Any further correspondence is welcomed. I will supply more documentation and updates on some of the work to be completed per the summary of findings.

Cordially,

Scotty Jones
Public Works Director
City of Trumann

SERVICE REPORT

Nº 007627

JOB LOCATION Trumann Waste Water
ADDRESS Trumann AR
DATE 9-7-2016
P.O. #
SERVICE REQUESTED BY: Scotty

DESCRIPTION OF WORK:

1. Install New Transducer on Effluent Flow Meter
Calibrate Flow Meter
See Calibration Report

1- Hydro Ranger 200 Transducer

EQUIPMENT SERVICED	MODEL #	SERIAL #

WORK HOURS 1.5
TRAVEL HOURS 5 TOTAL HOURS 6.5

AUTHORIZED SIGNATURE Ron Hall

CALIBRATION & CONTROLS INC. TECHNICIAN

SERVICE REPORT

№ 007607

JOB LOCATION Truman Wash wtr.
ADDRESS Truman Az
DATE 8.3.16
P.O. #
SERVICE REQUESTED BY: Scotty

DESCRIPTION OF WORK:

1. Calibrate Influent & Effluent Before & Effluent flow meter. See Calibration Report

NOTE. Effluent flow meter transducer has a Hardboat that is Spalls. This is probably the cause of the Error. Recommend replacing Transducer.

Scotty gave okay to order new Transducer

Meter is Working Correctly Today

EQUIPMENT SERVICED	MODEL #	SERIAL #

WORK HOURS 2.5
TRAVEL HOURS 5.0 TOTAL HOURS 7.5

AUTHORIZED SIGNATURE

CALIBRATION & CONTROLS INC. TECHNICIAN Jeff Rothfuss

ADEQ

A R K A N S A S
Department of Environmental Quality

September 16, 2016

Barbara Lewallen, Mayor
City of Trumann
106 E. Main Street
Trumann, AR 72472

RE: City of Trumann-Inspection Response
Permit No.: AR0035602 AFIN: 56-00047

Dear Mayor Lewallen:

I have reviewed the response pertaining to my August 1, 2016 Compliance Sampling Inspection and SSO/Collection System Inspection of the City of Trumann. 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 you may e-mail me at frasher@adeq.state.ar.us.

Sincerely,

Sarah Frasher
District 3 Field Inspector
Water Division