

May 18, 2023

Steve Dufrense, Director Van Buren Mun. Utilities P.O. Drawer 1269 Van Buren, AR 72956

Via email to: steve@vbmu.org

RE: City of Van Buren North WWTP – Collection System Inspection (Crawford Co)

AFIN: 17-00062 NPDES Permit No.: AR0021482

Dear Mr. Dufrense:

On March 14, 2023, I performed an 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 report is enclosed for your records.

Please refer to the "Summary of Findings" section of the inspection report and provide a written response for each item that was noted. This response should be mailed to the attention of the Office of Water Quality - Compliance Branch at the address below my signature or emailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. The corrective action(s) should be completed as soon as possible and the written response with all necessary documentation (i.e., photos) is due by June 2, 2023.

If I can be of any assistance, please contact me at garrett.grimes@adeq.state.ar.us or (501) 837-2067.

Sincerely,

Garrett Grimes

Inspector, Office of Water Quality

James Brimes

5301 Northshore Drive, North Little Rock, AR, 72118



ENVIRONMENTAL

OFFICE OF WATER QUALITY **INSPECTION REPORT**

AFIN: 17-00062 | PERMIT #: AR0021482 DATE: 3/15/2023

COUNTY: 17 Crawford PDS #: 125837				837		MEDIA: WN			
		GF	PS LAT: 35.47201	1 LONG: -94.390	390836 LOCATION: General Area				
	FACILITY INFORMAT	LITY INFORMATION INSPECTION INFORMATION				N			
	NAME: City of Van Buren North WWTP LOCATION: 1945 Wellnitz Drive CITY:			FACILITY TYPE: INSPECTOR ID#: 104111 S - State					
194				FACILITY EVALUATION RATING 2 - Marginal					ion System
_	Van Buren			` '	3:10				FECTIVE DATE:
	RESPONSIBLE OFFIC	0/10/2020	0.10			12/1/2 PERMIT EX	ZUZU PIRATION DATE:		
	E / TITLE EVE Dufrense / Director							11/30	/2025
	PANY:	FAYETTEVILLE	SHAL	E REL	ATED:	N			
	n Buren Mun. Utilities			FAYETTEVILLE SHALE VIOLATIONS: N					
	ng address: D. Drawer 1269			INSPECTION PARTICIPANTS					
CITY,	STATE, ZIP:			NAME/TITLE/PHONE/FAX/EMAIL/ETC.:					
_	n Buren AR 72956			Brandon Myers, Operator, Class 4 (005203), City of					
	NE & EXT: / FAX: 9-474-5067 /			Van Buren; Nathan Gregory, Pretreatment Coordinator, Class 4					
EMAIL	L:			(012198), City of Van Buren;					
	eve@vbmu.org			Will Cody, Inspector, DEQ;					
CC	INTACTED DURING INSPECTION	: Ye	s	Garrett Grimes, Inspector, DEQ					
						,			
			AREA EVA		_				
**	PERMIT (s=s	atisfac	tory, M=Marginal, U=Unsat FLOW MEASUF	isfactory, N=Not Applicable. D⊏N/I⊏NIT	Evaluated		RMWA	TER	
**	RECORDS/REPORTS	**	LABORATORY	XLIVILIN I	**			ITE RE	VIEW
**	OPERATION & MAINTENANCE	**		CEIVING WATER	**				G PROGRAM
**	SAMPLING	**		LING/DISPOSAL	**	 	TREAT		0 1 1 1 0 0 1 0 1 W
**	OTHER:	1	CLODGE HAIND	LIITO/DIOI COAL	1	I I \		· • · · · · · · · · · · · · · · · · · ·	

SUMMARY OF FINDINGS

The following was noted during the inspection:

1. Excess grease was observed in the wet well of the 1210 S. 4th Street Pump Station (Photo #12).

GENERAL COMMENTS

The City of Van Buren reports overflows regardless of size. From March 2022 to March 2023, a total of 62 overflows have occurred. Roughly half of these are attributed or partially attributed to grease. The City of Van Buren should consider measures to try to reduce discharges of grease into sanitary lines.

Garrett Grimes INSPECTOR'S SIGNATURE: DATE: **5/4/2023** Kerri Mª Coly SUPERVISOR'S SIGNATURE: Kerri McCabe DATE: **5/12/2023**

COLLECTION SYSTEM INSPECTION AND OVERALL RATING	☑S □M □U □NA □NE					
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Force main and gravit Industrial connections.	y flow. Residential and					
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: City of Van Buren)	~23,2018 in 2020 (total					
FEET OF SEWER SYSTEM: ~40 miles						
AGE OF SYSTEM: >40 years						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): Inflow and infiltration I&I	☑Y □N □NA □NE					
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):	☑Y □N □NA □NE					
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	☑Y □N □NA □NE					
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH):	□Y ØN □NA □NE					
PUMP STATIONS	☑S □M □U □NA □NE					
NUMBER OF PUMP STATIONS IN SYSTEM: 8 lift NUMBER WITH BACKUP POWI	ER: <u>NE</u>					
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <u>NE</u>						
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: NE						
ADEQUATE INVENTORY OF SPARE PARTS: NE						
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS):_	<u>SCADA</u>					
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Vac truck, generators, contractors						
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKL	ISTS FOR EACH): <u>3</u>					
SATELLITE SYSTEMS	□S □M □U ☑NA □NE					
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: No						
TYPE(S) OF WASTE WATER RECEIVED: □RESIDENTIAL □COMMERCIAL □INDUSTRI	AL OTHER:					
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:						
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:						
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:						

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION		ØS □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: 409 S. 28	Sth Street					
TYPE(S) OF WASTE WATER RECEIVED: □RESIDENTIAL	□COMMERCIAL ☑INDUSTRIA	AL OTHER:				
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2					
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	1	⊠S □M □U □NA □NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	□Y ☑N □NA □NE					
GENERAL OPERATION AND MAINTENANCE		⊠S □M □U □NA				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE EQUIPMENT:	E OF UNRELATED	ØS □M □U □NA □NE				
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS □M □U □NA □NE				
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:		⊠S □M □U □NA □NE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPURE INSTALLED AND MAINTAINED:		⊠S □M □U □NA □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.):	•	☑S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	NDENSATION AND/OR	☑S □M □U □NA □NE				
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS □M □U □NA □NE				
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS DM DU DNA DNE				
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	WET WELLS:	ØS DM DU DNA DNE				
BACKUP POWER AND ALARMS		⊠S □M □U □NA				
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	☑S □M □U □NA □NE				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	☑S □M □U □NA □NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED):		☑Y □N □NA □NE				

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION		⊠S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Rickey P	ump Station					
TYPE(S) OF WASTE WATER RECEIVED: ☑RESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL OTHER:				
NUMBER OF PUMPS: 4	NUMBER OPERATIONAL: 4					
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		☑S □M □U □NA □NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ☑N □NA □NE				
GENERAL OPERATION AND MAINTENANCE		⊠S □M □U □NA				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS □M □U □NA □NE				
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	⊠S □M □U □NA □NE					
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	☑S □M □U □NA □NE					
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE					
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIDRIVESHAFTS, ETC.):		ØS □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COL GASES AND FUMES:	NDENSATION AND/OR	⊠S □M □U □NA □NE				
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	☑S □M □U □NA □NE				
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	☑S □M □U □NA □NE				
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	☑S □M □U □NA □NE				
BACKUP POWER AND ALARMS		⊠S □M □U □NA				
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	☑S □M □U □NA □NE				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	☑S □M □U □NA □NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED):		☑Y □N □NA □NE				

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION	□S □M □I	J □NA				
NAME AND/OR LOCATION OF PUMP STATION: 1210 S. 4th	,					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL CO	COMMERCIAL ZINDUSTRIAL COTHER:					
	JMBER OPERATIONAL: 1 (other down for aintenance)					
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	ØS □M □U □N	A □NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		A □NE				
CENEDAL OPERATION AND MAINTENANCE		I TINIA				
GENERAL OPERATION AND MAINTENANCE	□S ØM □I	JUNA				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF EQUIPMENT:		A □NE				
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT I ACCESS AND/OR TAMPERING:		A □NE				
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GR PROTECTED:	R2 UM UU UN	A □NE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMEN INSTALLED AND MAINTAINED:	NT PROPERLY	A □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPM DRIVESHAFTS, ETC.):	MENT (BELTS, PULLEYS, ØS DM DU DNA	A □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDE	NSATION AND/OR ØS □M □U □N/	A □NE				
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTEN	ANCE: ZS DM DU DN	A □NE				
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED T	TO PREVENT LEAKS:	A □NE				
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET	WELLS: DS DM ZU DN	A □NE				
BACKUP POWER AND ALARMS	⊠s □m □l	I I NA				
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRAN	NSFER PUMP: ØS 🗆 M 🗆 U 🗆 NA	A □NE				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFO	DRMATION POSTED:	A □NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED):	⊠Y □N □N	A □NE				
	,					

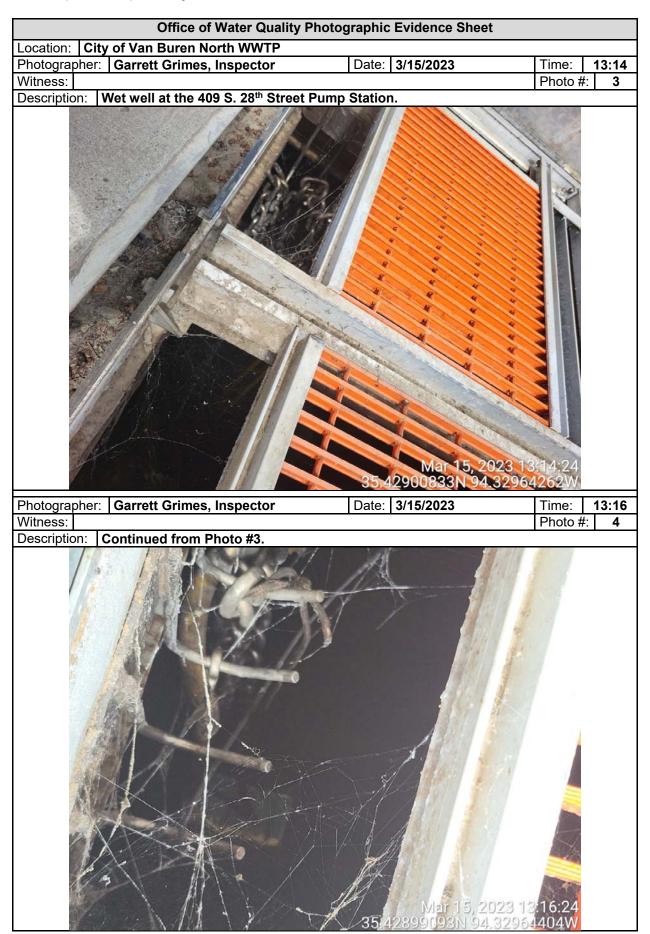
Office of Water Quality Photographic Evidence Sheet							
Location: City of Van Buren North WWTP							
Photographer:		Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:11	
Witness:	Witness:					: 1	
Description:	Description: Posting and contact information for the 409 S. 28th Street Pump Station						



Photographer:Garrett Grimes, InspectorDate:3/15/2023Time:13:13Witness:Photo #:2

Description: Backup generator at the 409 S. 28th Street Pump Station.





Office of Water Quality Photographic Evidence Sheet								
Location:	City	of Van Buren North WWTP						
Photograp	her:	Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:27		
Witness:			•		Photo #	: 5		

Description: Sign posting for the Rickey Pump Station.



Photographer:	Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:30
Witness:				Photo #:	6

Description: Backup generator at the Rickey Pump Station.



City of Van Buren North WWTP Photographer: Garrett Grimes, Inspector Date: 3/15/2023 Time: 13:31 Witness: Photo #: 7

Description: Wet well at the Rickey Pump Station.



Photographer: Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:32
Witness:			Photo #:	8

Description: Flow monitoring device at the Rickey Pump Station.



Office of Water Quality Photographic Evidence Sheet								
Location: City	Location: City of Van Buren North WWTP							
Photographer:	Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:41			
Witness:				Photo #:	9			

Description: Sign posting at the 210 S. 4th Street Pump Station.



Photographer:	Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:44
Witness:				Photo #	: 10

Description: Electrical control box at the 210 S. 4th Street Pump Station.



City of Van Buren North WWTP Photographer: Garrett Grimes, Inspector Date: 3/15/2023 Time: 13:47 Witness: Photo #: 11

Description: Backup generator at the 210 S. 4th Street Pump Station.



Photographer:	Garrett Grimes, Inspector	Date:	3/15/2023	Time:	13:50
Witness:				Photo #:	12

Description: Wet well with excess grease at the 210 S. 4th Street Pump Station.





July 5, 2023

Steve Dufrense, Director Van Buren Municipal Utilities P.O. Drawer 1269 Van Buren, AR 72956

Via email to: steve@vbmu.org

RE: City of Van Buren South Plant - Response to Inspection (Crawford Co)

AFIN: 17-00062 NPDES Permit No.: AR0021482

Dear Mr. Dufrense:

I have reviewed the response pertaining to my March 15, 2023 SSO/Collection System inspection of the City of Van Buren South Plant. The information provided sufficiently addresses the items referenced in my inspection report. At this time, the Division has no further comment concerning this particular inspection. Acceptance of this response by the Division does not preclude any future enforcement action deemed necessary at this site or any other site.

If I require further information concerning this matter, I will contact you. Thank you for your attention to this matter. Should you have any questions, please contact Inspector Supervisor Kerri McCabe at kerri.mccabe@adeq.state.ar.us or (501) 352-5641.

Sincerely,

Garrett Grimes

Inspector, Office of Water Quality

Jane Brimes

5301 Northshore Drive, North Little Rock, AR, 72118