

ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: 17-00062 | PERMIT #: AR0021482 | DATE: 4/8/2021

COUNTY: **17 Crawford** PDS #: **116258** MEDIA: **WN**

GPS LAT: 35.417304 LONG: -94.337499 LOCATION: General Area

FACILITY INFORMATION	INSPECTION INFORMATION			
City of Van Buren South Plant	FACILITY TYPE: 1 - Municipal	INSPECTOR ID#: 34689 S - St	ate	
1401 Port Road	FACILITY EVALUATION RATING 3 - Satisfactory			
Van Buren, AR 72956		RY TIME: EXIT TIM 12:30	PERMIT EFFECTIVE DATE:	
RESPONSIBLE OFFICIAL			PERMIT EXPIRATION DATE:	
Mr. Steve Dufresne / Director of Utilities			11/30/2025	
COMPANY:	FAYETTEVILLE SHALE RELATED: N			
City of Van Buren Municipal Utilities- South Plant MAILING ADDRESS:	FAYETTEVILLE SHALE VIOLATIONS: N			
PO Box 1269 CITY, STATE, ZIP:	INSPECTION PARTICIPANTS NAME/ITILE/PHONE/FAX/EMAIL/ETG:			
Van Buren AR 72956			Operator/ 479-474-5067	
PHONE & EXT: / FAX: 479-471-8969				
EMAIL:				
Steve@vbmu.org				
james@vbmu.org vbsouthwwtp.org				
CONTACTED DURING INSPECTION: No				

	AREA EVALUATIONS				
	(S=S	atisfac	ctory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Eva	luated	
Ν	PERMIT	N	FLOW MEASUREMENT	Ν	STORMWATER
Ν	RECORDS/REPORTS	Ν	LABORATORY	Ν	FACILITY SITE REVIEW
N	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	Ν	SELF-MONITORING PROGRAM
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT
9	OTHER: Collection System Lift 9	Stati	one		

S | OTHER: Collection System Lift Stations

SUMMARY OF FINDINGS

I found no permit violations at the time of inspection

GENERAL COMMENTS

<u>Introduction</u>

I conducted a collection system inspection on April 8, 2021. The inspection consisted of an inspection of 4 of 8 lift stations on the collection system. Mr. James Dunn, Chief Plant Operator, represented the facility during the inspections.

Lift Station Inspections

Mr. Dunn accompanied me to the lift stations. Mr. Dunn opened each wet well to assess if high levels or excessive grease accumulations. He also demonstrated that each pump was operable. The stations are equipped with SCADA and will notify if there is a power outage or high levels. I found no evidence of overflows, operations or maintenance issues, or excessive grease accumulation at the stations during the inspection. The lift station at Terry and Todd is located in a residential backyard. The city is currently constructing a new lift station and plans to remove this lift station off-line.

Travis Hor.	mus/	
INSPECTOR'S SIGNATURE:	Travis Harmon	DATE: 4/21/2021
Kerri MªC		
SUPERVISOR'S SIGNATURE:	Kerri McCabe	DATE: 6/8/2021

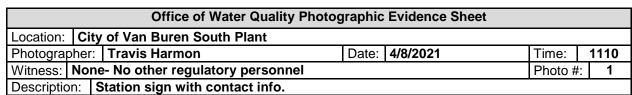
COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	⊠S □M □U □NA □NE			
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTIONS Three force mains, rest is gravity flow with majority clay					
POPULATION SERVED/NUMBER OF RESIDENTIAL AND (COMMERCIAL CONNECTIONS	S: <u>Unknown</u>			
FEET OF SEWER SYSTEM: Previously estimated at 40 m	niles				
AGE OF SYSTEM: late 60's or early 70's					
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): 18.1					
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS Reports online at ADEQ website	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 ☑N □NA □NE			
PUMP STATIONS		□S □M □U □NA □NE			
NUMBER OF PUMP STATIONS IN SYSTEM: 8	NUMBER WITH BACKUP PO	WER: <u>8</u>			
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITO SCADA	DRED: Inspected annually wit	h periodic checks. Remote			
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOC	GS KEPT: <u>Yes</u>				
ADEQUATE INVENTORY OF SPARE PARTS: Yes					
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E.	. SCADA OR AUTO DIALERS)	:_SCADA			
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Backup generators and pump truck available					
NUMBER OF PUMP STATIONS VISITED DURING INSPEC	TION (SEE ATTACHED CHEC	KLISTS FOR EACH): <u>4</u>			
SATELLITE SYSTEMS		□S □M □U □NA ☑NE			
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM	N SATELLITE SYSTEMS: No				
TYPE(S) OF WASTE WATER RECEIVED:_ □RESIDENTIA	L COMMERCIAL DINDUST	RIAL OTHER:			
BRIEFLY DESCRIBE THE SATELLITE SYSTEM:					
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:					
NAME, ADDRESS AND PHONE NUMBER OF PERSON RE	SPONSIBLE FOR SATELLITE	SYSTEM:			

PUMP STATION VISIT (COMPLETE A SEPARATE CH	ECKLIST FOR EACH PUMP S	STATION VISITED)
GENERAL INFORMATION AND OVERALL EVALUATION		⊠S □M □U □NA
NAME AND/OR LOCATION OF PUMP STATION: <u>South 4th Street</u>		
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 ØN □NA □NE
OFNEDAL OPERATION AND MAINTENANCE		GO CM CH CNA
GENERAL OPERATION AND MAINTENANCE		ØS □M □U □NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		☑S □M □U □NA □NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVEACCESS AND/OR TAMPERING:	ENT UNAUTHORIZED	☑S □M □U □NA □NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	D, GRATED OR OTHERWISE	☑S □M □U □NA □NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:	PMENT PROPERLY	☑S □M □U □NA □NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.):	UIPMENT (BELTS, PULLEYS,	☑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:	☑S □M □U □NA □NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	IED TO PREVENT LEAKS:	☑S □M □U □NA □NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN \	WET WELLS:	☑S □M □U □NA □NE
BACKUP POWER AND ALARMS		⊠S □M □U □NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY 1	TRANSFER PUMP:	ØS □M □U □NA □NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	☑S □M □U □NA □NE
SCADA SYSTEM (LIST PARAMETERS MONITORED): Por	wer/ High Levels	⊠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: South 28th				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	. ☑COMMERCIAL ☑INDUSTRIA	AL OTHE	R:	
NUMBER OF PUMPS:_2	NUMBER OPERATIONAL: 2			
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		ØS	□M □U	□NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		⊠S □M	□U □NA	□NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:		⊠S □M	□U □NA	□NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:		⊠S □M	□U □NA	□NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:		⊠S □M	□U □NA	□NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, 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:	⊠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 WET WELLS:		⊠S □M	□U □NA	□NE
BACKUP POWER AND ALARMS		Øs	□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	S DM DU	□NA
NAME AND/OR LOCATION OF PUMP STATION: Terry and Todd (Station is located in a backyard; city is or	currently constructing new lift s	station and	nlane to	
remove this station)	currently constructing new int s	station and	plans to	
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	. □COMMERCIAL □INDUSTRIA	AL DOTHE	R:	
NUMBER OF PUMPS:_2	NUMBER OPERATIONAL: 2			
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	S □M □U	□NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		⊠s □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:), GRATED OR OTHERWISE	⊠S □M	□U □NA	□NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	PMENT PROPERLY	⊠s □m	□U □NA	□NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.) :	UIPMENT (BELTS, PULLEYS,	⊠S □M	□U □NA	□NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO	NDENSATION AND/OR	ØS □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		ØS	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 ØNA	□NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):		□Y	□N ØNA	□NE
		•		

PUMP STATION VISIT (COMPLETE A SEPARATE CHE	ECKLIST FOR EACH PUMP S	STATION V	ISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION		Øs	□M □U	□NA
NAME AND/OR LOCATION OF PUMP STATION: <u>City Park</u>				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL OTHE	R:	
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS □M [⊒U □NA	□NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y E	 IN □NA	□NE
GENERAL OPERATION AND MAINTENANCE		ØS		□NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		⊠S □M [⊐U □NA	□NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	NT UNAUTHORIZED	⊠S □M [⊐U □NA	□NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:		⊠s □m [⊐U □NA	□NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	MENT PROPERLY	⊠S □M [⊐U □NA	□NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUENCY DRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	ØS □M [⊐U □NA	□NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONGASES 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		Øs	□M □U	□NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS DM [□U □NA	□NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	NFORMATION POSTED:	⊠S □M [□U □NA	□NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):		ØY [□N □NA	□NE
		•		





Photographer: Travis Harmon	Date:	4/8/2021	Time:	1110
Witness: None			Photo #:	2

Description: View of 4th Street station.





Inspection Report: City of Van Buren South Plant, AFIN: 17-00062, Permit #: AR0021482

City of Van Buren South Plant Photographer: Travis Harmon Date: 4/8/2021 Time: 1115 Witness: None Photographer: 5

Description: Onsite generator.



Photographer:	Travis Harmon	Date:	4/8/2021	Time:	1123
Witness: None	1			Photo #:	6

Description: Sign with contact and station info.



Office of Water Quality Photographic Evidence Sheet Location: City of Van Buren South Plant Photographer: Travis Harmon Date: 4/8/2021 Time: 1124 Witness: None Photo #: 7

Description: View inside well at South 28th station.

Photographer:	Travis Harmon	Date:	4/8/2021	Time:	1125
Witness: Non	е			Photo #:	8

04/08/2021 11:24



Inspection Report: City of Van Buren South Plant, AFIN: 17-00062, Permit #: AR0021482

City of Van Buren South Plant Photographer: Travis Harmon Date: 4/8/2021 Time: 1133 Witness: None Photographer: Photographic Evidence Sheet

Description: Terry and Todd station; city plans to remove once new lift station is constructed.

04/08/2021 11:38

Photographer: Travis Harmon	Date: 4/8/2021	Time:	1134
Witness: None		Photo #:	10



Inspection Report: City of Van Buren South Plant, AFIN: 17-00062, Permit #: AR0021482

City of Van Buren South Plant Photographer: Travis Harmon Date: 4/8/2021 Time: 1146 Witness: None Photographer: Photographer: Travis Harmon Date: 4/8/2021 Date: 4/8/2021 Time: 1146

Description: Sign and contact info for City Park station.



Photographer:	Travis Harmon	Date:	4/8/2021	Time:	1146
Witness: None			Photo #:	12	

Description: View of lift station.



Inspection Report: City of Van Buren South Plant, AFIN: 17-00062, Permit #: AR0021482

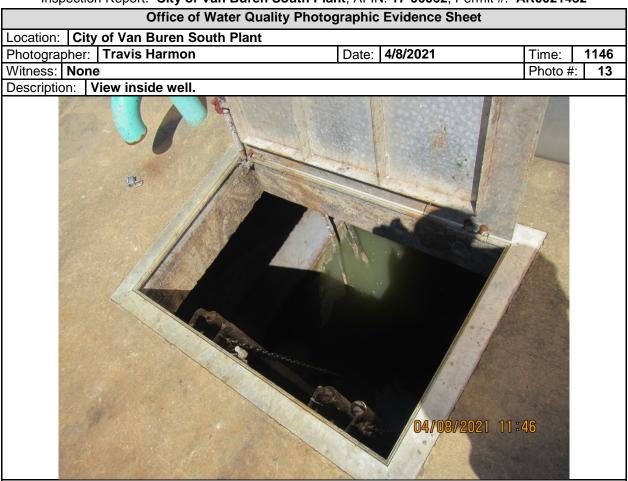


Figure 1. Google Earth image of inspected lift stations.

