	ENVIRONMENTAL QUALITY	OFFICE OF WATER QUALITY							
THAT SUR		INSPECTION REPORT							
		AF	AFIN: 35-00149 PERMIT #: AR0033316				DATE: 6/30/2021		
		COUNTY: 35 Jeffer		fers	son PC		PDS #: 117424		MEDIA: WN
		GP	S LAT: 34.271	51	5 LONG: -91.972417 LOCATION: General Area				Area
	FACILITY INFORMAT	ION			IN	SPEC	<b>FION INFOR</b>		Ν
NAME: Boyd Point WWTF				FACILITY TYPE: 1 - Municipal	1291	ctor ID#: 177 S - State			
900 Island Harbor Marina Road				<b>3 - Satisfactory</b>		INSPECTION TYPE: SSO/Collection System			
Pir	ne Bluff				(-)	TRY TIME:	EXIT TIME: 14:30		FFECTIVE DATE:
RESPONSIBLE OFFICIAL				0,00,2021	0.00	14.00	7/1/20 PERMIT EX	J15 XPIRATION DATE:	
								6/30/2	2020
	n Johnson / General Manager			Ē	FAYETTEVILLE SHALE RELATED: N				
	ne Bluff Wastewater Utility			-	FAYETTEVILLE SHALE VIOLATIONS: N				
	NG ADDRESS: 20 South Ohio Street				INSPECTION PARTICIPANTS				
CITY,	STATE, ZIP:				NAME/TITLE/PHONE/FAX/EMAIL/ETC.:				
	ne Bluff AR 71601				Vincent Miles / Class IV Operator Lic # 2519 Trey Butler / OWQ Inspector				
	D-535-6603 /				They Buller / Owe Inspector				
EMAI	-								
CC	NTACTED DURING INSPECTION:	No							
00	AREA EVALUATIONS								
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)									
**	PERMIT	**	FLOW MEASUR		EMENT	**	STORIVIVATER		
**	RECORDS/REPORTS	**	LABORATORY		**	FACILITY SITE REVIEW			
**	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER		**	SELF-MONITORING PROGRAM			
**	SAMPLING	**	SLUDGE HANDLING/DISPOSA		LING/DISPOSAL	**	PRETREA	TMENT	
S	S OTHER: Collection System								
SUMMARY OF FINDINGS									
NO	No violations were noted at the time of inspection.								

## **GENERAL COMMENTS**

I inspected the collection system with the participants listed above on June 30, 2021. We visited three lift stations. Nine of the lift stations in the collection system (total of 50) have on-site generators and approximately 85% of the other lift stations have quick connections for a mobile generator. All lift stations are physically visited twice a week, but they are monitored 24/7 with a SCADA system. The SCADA system monitors high-water levels, power outages, and pump failures. The facility receives wastewater from the City of White Hall, which is a satellite system that discharges into the Industrial Park Lift Station.

Lift stations inspected include the following:

Industrial Park Lift Station #29 (Coordinates: 34.266276, -92.061826): This lift station mainly serves industries in the area, but it does receive wastewater from residential, commercial, and a satellite system. There are three pumps located at the lift station, with two at 140 horsepower (HP) and one at 120 HP. The 120 HP pump is a duty pump and only kicks on when needed. The emergency light was in working order at the time of inspection. The wet well was clean and did not show any signs of grease or solid buildup. The lift station had chain link fencing around it to keep unauthorized access from occurring and they had a sign with emergency contact information outside of it.

<u>Bush Street Lift Station #9</u> (Coordinates: 34.246657, -92.058976): This lift station serves residential wastewater. The lift station had a bar screen attached to it that is automatically cleaned and dumped into a dumpster that is emptied and sent to an approved landfill. There are four pumps located at the lift station, three at 150 HP and one at 40 HP. The 40 HP pump is the duty pump and does not run unless the system is overwhelmed. The emergency light was in working order at the time of inspection. The wet well had minimal buildup of solids and grease. There is a fence with a locked gate to keep anyone unauthorized from gaining access to the lift station. There is a sign posted on the building with emergency contact information.

<u>W. Barraque Ave Lift Station #11</u> (Coordinates: 34.230379, -92.041571): This lift station serves residential and commercial wastewater. This lift station has two 5 HP pumps that are both in working order. The wet well had minimal buildup of solids and grease. The lift station was secured by a fence and gate and had emergency contact information on the outside of the lift station building. The high water level light was in working operation at the time of inspection.

Please note that the collection system was inspected on July 17, 2019, but a report was not finalized. This report resolves any issues noted during the 2019 inspection.

	Breittanie	Dlayd		
INSPECTOR'S SIGNATURE:		0	Brittanie Gloyd	DATE: 8/23/2021
	Kenni	MS Coly		
SUPERVISOR'S SIGNATURE:	•		Kerri McCabe	DATE: 9/13/2021

inspection report. Boyd Foint WWFF, AFIN. 33-00149, Feinit #. AR0033310							
COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	ØS OM OU ONA ONE					
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION							
Gravity flow thence to lift stations thence to force main the POPULATION SERVED/NUMBER OF RESIDENTIAL AND C		S: ~49 000 (15 000					
Residential)		<u>~49,000 (15,000</u>					
FEET OF SEWER SYSTEM: 450 Miles							
AGE OF SYSTEM: First lines placed in 1888.							
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING D (EXPLAIN): <u>I&amp;I during large rain events.</u>							
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS Notify Mr. Miles, who reports within 24 hours to DEQ and							
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:							
HAVE SSOS REACHED "WATERS OF THE STATE" (LIST D EACH):	HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH):						
PUMP STATIONS		ØS OM OU ONA ONE					
NUMBER OF PUMP STATIONS IN SYSTEM: 50	NUMBER WITH BACKUP PC generators. 85% others hav ups.						
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: 2 times per week visual inspections; monitored 24/7 with SCADA							
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes							
ADEQUATE INVENTORY OF SPARE PARTS: Yes							
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): SCADA							
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <u>Notify Mr. Miles, attempt to redirect WW if an overflow, report</u> to DEQ if required, resolve issue, clean and sanitize the area.							
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 3							
SATELLITE SYSTEMS		ØS OM OU ONA ONE					
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: City of White Hall							
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL ØCOMMERCIAL INDUSTRIAL OTHER:							
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: <u>City of White Hall holds wastewater at their old WWTP, which is</u> then pumped to the Industrial Park Lift Station #29.							
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>None</u>							
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: <u>City of White Hall</u> /Liberty Utility (bought the WWTP and is responsible)							

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVALUATION	ØS OM OU ONA				
NAME AND/OR LOCATION OF PUMP STATION: Industrial Park / Lift Station #29 (coordinates: 34.266276, -92.061826)					
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL		AL ØOTHER: <u>Satellite</u>			
<u>system</u>					
NUMBER OF PUMPS: <u>3</u>	NUMBER OPERATIONAL: 3				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: (2 (duty pump)	<u>2) @140 HP; (1) @ 120 HP</u>	ØS □M □U □NA □NE			
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡Y ØN ⊡NA ⊡NE			
GENERAL OPERATION AND MAINTENANCE	ØS DM DU DNA				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:	E OF UNRELATED	ØS OM OU ONA ONE			
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS OM OU ONA ONE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM OU ONA ONE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :		□S □M □U ØNA □NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	ØS OM OU ONA ONE			
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 ØNA □NE			
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	ØS OM OU ONA ONE			
BACKUP POWER AND ALARMS		ØS OM OU ONA			
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM OU ONA ONE			
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	ØS OM OU ONA ONE				
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>Hig</u> pump failure	h water levels; power outage;	ØY ON ONA ONE			

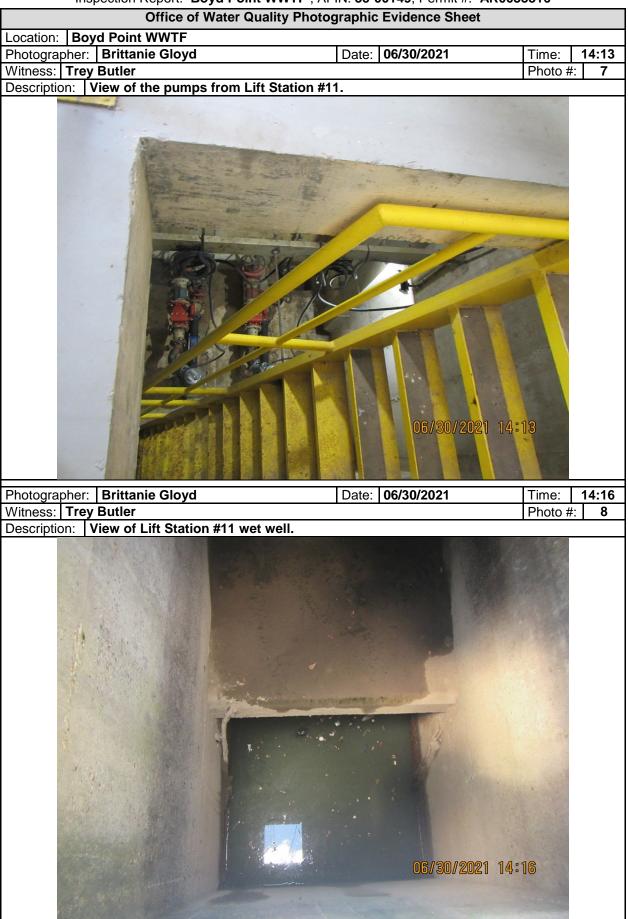
PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION	ØS OM OU					
NAME AND/OR LOCATION OF PUMP STATION: Bush Street Lift Station #9 (Coordinates: 34.246657, -92.058976)						
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	COMMERCIAL □INDUSTRIA	AL DOTHER:				
NUMBER OF PUMPS: <u>4</u>	IUMBER OPERATIONAL: <u>4</u>					
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: (3) ( (Duty Pump)	<u>@ 150 HP; (1) @ 40 HP</u>	ØS OM OU ONA				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡y Øn ⊡na				
GENERAL OPERATION AND MAINTENANCE		ØS OM OU				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE C EQUIPMENT:		ØS OM OU ONA				
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT ACCESS AND/OR TAMPERING:		ØS OM OU ONA				
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, G PROTECTED:		ØS OM OU ONA				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPME INSTALLED AND MAINTAINED:		⊠S ⊡M ⊡U ⊡NA				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIP DRIVESHAFTS, ETC.) :		ØS OM OU ONA				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COND GASES AND FUMES:	ENSATION AND/OR	ØS OM OU ONA				
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTEN	NANCE:	ØS OM OU ONA				
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED	TO PREVENT LEAKS:	ØS OM OU ONA				
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WE	T WELLS:	ØS OM OU ONA				
BACKUP POWER AND ALARMS		ØS OM OU	□NA			
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRA	NSFER PUMP:	ØS OM OU ONA				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INF	FORMATION POSTED:	ØS OM OU ONA				
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>High w</u> pump failure	vater levels; power outage;	ØY ON ONA				

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION				□NA		
NAME AND/OR LOCATION OF PUMP STATION: W. Barraque Avenue Lift Station #11 (Coordinates: 34.230379, -92.041571)						
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL		AL DOTHER				
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2					
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: (2	ØS OM C	IU ⊡NA	□NE			
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:			ÍN □NA	□NE		
GENERAL OPERATION AND MAINTENANCE		₽S				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS DM D	IU 🗆NA	□NE		
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		ØS OM O	IU 🗆NA	□NE		
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM O	IU ⊡NA	DNE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS OM O	IU 🗆NA	□NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.) :	ØS OM O	IU 🗆NA				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	ØS OM O	IU 🗆NA	□ne		
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS OM C	IU □NA	□ne		
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS OM C	IU ⊡NA	□NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN W	VET WELLS:	ØS OM C	IU ⊡NA	□NE		
BACKUP POWER AND ALARMS		⊠S∣				
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS OM C	IU ⊡NA	□NE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	NFORMATION POSTED:	ØS OM C		□NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>Hig</u> pump failure	h water levels; power outage;		IN DNA			









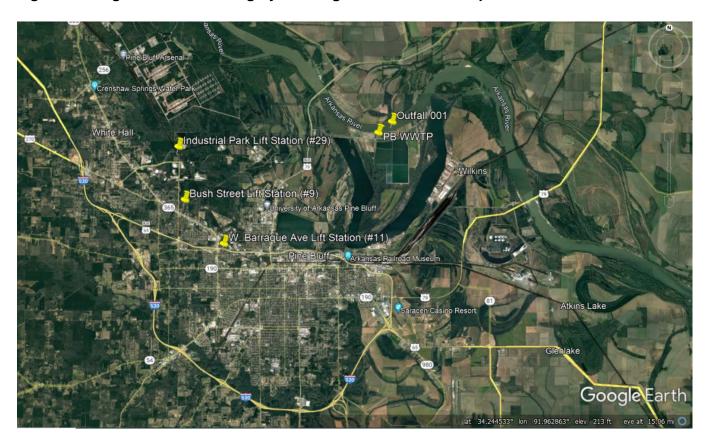


Figure 1. Google Earth aerial imagery showing the locations of inspected lift stations.