

ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **62-00070** | PERMIT #: **AR0020087** | DATE: **9/22/2020**

COUNTY: **62 St. Francis** PDS #: **114213** MEDIA: **WN**

GPS LAT: LONG: LOCATION: N/A

	INSPECTION INFORMATION			
	= .	INSPECTOR ID#: 84022 S -	State	
3 - S			INSPECTION TYPE: SSO/Collection System	
			TIME: PERMIT EFFECTIVE DATE: 11/1/2017	
			PERMIT EXPIRATION DATE:	
			10/31/2022	
FAY	FAYETTEVILLE SHALE RELATED: N			
FAY	FAYETTEVILLE SHALE VIOLATIONS: N			
	INSPECTION PARTICIPANTS			
Edward Gregory, Water Supervisor (Class III/Advanced Industrial; Lic. #007843)				
	1 - M FACILITY 3 - S DATE(S): 9/22/	FACILITY TYPE: 1 - Municipal FACILITY EVALUATION RA 3 - Satisfacto DATE(S): 9/22/2020 FAYETTEVILI FAYETTEVILI NAME/TITLE/PHONE/FAXA Edward Greg	FACILITY TYPE: 1 - Municipal FACILITY EVALUATION RATING: 3 - Satisfactory DATE(S): ENTRY TIME: EXIT 9/22/2020 09:45 12 FAYETTEVILLE SHALE REL FAYETTEVILLE SHALE VIO INSPECTION F NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Edward Gregory, Water Su	

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

No violations noted at the time of the inspection.

CONTACTED DURING INSPECTION: Yes

Please see attached email dated Sept 23, 2020 sent to city personnel providing immediate feedback regarding the inspection.

GENERAL COMMENTS

On Tue, Sept 22, 2020, an inspection was conducted of the City of Forrest City collection system.

The inspection consisted of an assessment of the system's lift stations and a record review of the reported SSO information.

The system consists of eighteen (18) lift stations with all lift stations installed with quick connects for portable generator (city owns two portable generators). The city is responsible for main lines, manholes, and city-owned/operated lift stations; residents are responsible for clean-outs and service lines (to the edge of the street). The city has no established ordinances, beyond plumbing codes, for commercial businesses (e.g., carwashes and restaurants) or residential requirements for rags and FOG. For reporting requirements, city personnel acknowledge that a threat to public health is an overflow at a residence (close contact with people) and an overflow that reaches waters of the State is a threat to the environment.

For mechanical and pump issues, the city uses LEC (Forrest City) or the original pump manufacturer. For electrical issues, the city uses LEC (Forrest City). For wet well maintenance, the city uses Southern Plumbing (870-238-9481; Wynne) and a city-owned vac-truck (when operational). The city applies degreaser, as needed.

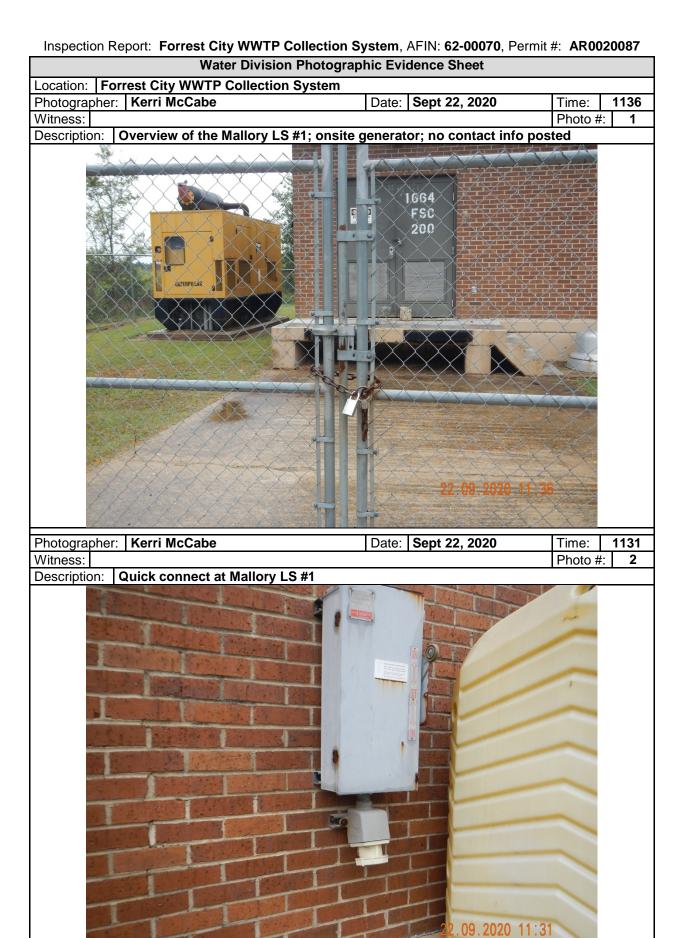
Kerri Mª Coly	
INSPECTOR'S SIGNATURE:Kerri McCabe	DATE: 12/1/2020
SUPERVISOR'S SIGNATURE: Jason Bolenbaugh	DATE: 12/3/2020

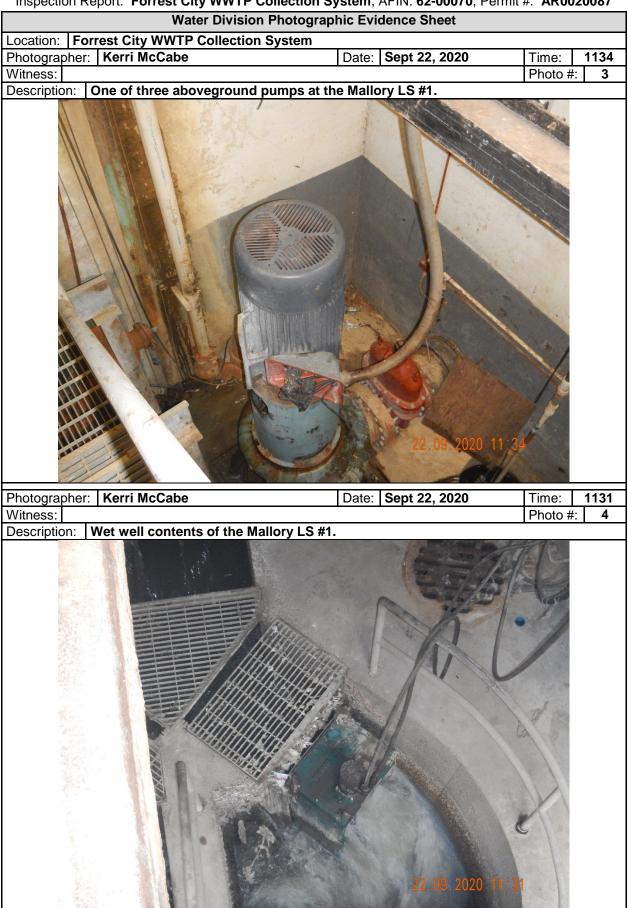
mapedion report. For est only WWTT Concent	11 0y3(cm , Ar nv. 02-00070 , r c	IIIII π. AI(0020001				
COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	⊠S □M □U □NA □NE				
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Collection system that is 98% gravity and 2% pressure directed to lift stations and WWTP.						
POPULATION SERVED/NUMBER OF RESIDENTIAL (96-97 Population = 15,220 Residential = 3,602 Commercial = 39	%) AND COMMERCIAL (3-4%) CONNECTIONS:				
FEET OF SEWER SYSTEM: Approximately 53,000 (info fi						
AGE OF SYSTEM: 1920 and newer						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): 1&1 during rain events (2" or greater)						
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):						
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:		☑Y □N □NA □NE				
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DEACH): Reviewed info from 2109-present:	ATE AND LOCATION OF	□Y □N □NA □NE				
PUMP STATIONS		□S □M □U □NA □NE				
NUMBER OF PUMP STATIONS IN SYSTEM: 18	NUMBER WITH BACKUP PO connects for portable gener					
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITO						
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOC doing this.	GS KEPT: No; used to keep re	ecords, but have stopped				
ADEQUATE INVENTORY OF SPARE PARTS: Yes						
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E.	E. SCADA OR AUTO DIALERS)	: <u>No</u>				
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <u>Iden</u>	tify, fix, remove solids, disinf	ect (lime), and report				
NUMBER OF PUMP STATIONS VISITED DURING INSPEC	TION (SEE ATTACHED CHEC	KLISTS FOR EACH): 3				
SATELLITE SYSTEMS		☑S □M □U □NA □NE				
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM prison (low security)	1 SATELLITE SYSTEMS: <u>IFC F</u>	orrest City Low – federal				
TYPE(S) OF WASTE WATER RECEIVED:_ RESIDENTIA	L COMMERCIAL VINDUST	RIAL OTHER:				
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: A federal						
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>The prison lift station connected to the city's collection</u> system has experienced overflows in the past; prison is now responsible for lift station maintenance.						
NAME, ADDRESS AND PHONE NUMBER OF PERSON RE Low, 1400 Dale Bumpers Rd, Forrest City, AR 72335; 870		SYSTEM: IFC Forrest City				

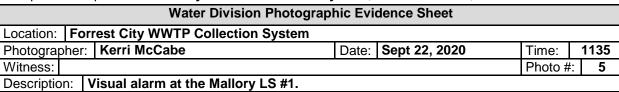
PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVALUATION		⊠S □M □U □NA			
NAME AND/OR LOCATION OF PUMP STATION: Mallory Lift Station #1 (Main) at SFC 200 (34.995240,-90.8)	<u>28913)</u>				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	☑COMMERCIAL ☑INDUSTRIA	AL OTHER:			
NUMBER OF PUMPS: Three (3)	NUMBER OPERATIONAL: The	ree (3)			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: _ A	boveground; 3 phase; 150hp	☑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 STORAGEQUIPMENT:		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:), GRATED OR OTHERWISE	⊠S □M □U □NA □NE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED: <u>Enclosed</u>		☑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: <u>Enclosed</u>	NDENSATION AND/OR	☑S □M □U □NA □NE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE: Enclosed	☑S □M □U □NA □NE			
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS 🗆 M 🗆 U 🗆 NA 🗆 NE			
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	ØS 🗆 M 🗆 U 🗆 NA 🗆 NE			
BACKUP POWER AND ALARMS		□S ☑M □U □NA			
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T generator and quick connect for portable generator		⊠S □M □U □NA □NE			
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT emergency contact info.	INFORMATION POSTED: <u>No</u>	□S ☑M □U □NA □NE			
SCADA SYSTEM (LIST PARAMETERS MONITORED):		□Y □N ☑NA □NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHE	ECKLIST FOR EACH PUMP S	STATION VISITED)
GENERAL INFORMATION AND OVERALL EVALUATION	ØS □M □U □NA	
NAME AND/OR LOCATION OF PUMP STATION: Turner Lift Station #4 at Turner Rd (35.008628,-90.803278	1	
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL DOTHER:
NUMBER OF PUMPS: Two (2)	o (2)	
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: A	boveground; 3 phase	ØS □M □U □NA □NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ØN □NA □NE
GENERAL OPERATION AND MAINTENANCE		ØS □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:	⊠S □M □U □NA □NE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED: <u>Enclosed</u>		⊠S □M □U □NA □NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIDRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	⊠S □M □U □NA □NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONGASES AND FUMES: Enclosed	NDENSATION AND/OR	⊠S □M □U □NA □NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE: <u>Enclosed</u>	☑S □M □U □NA □NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS 🗆 M 🗆 U 🗆 NA 🗆 NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS: Moderate	□S ØM □U □NA □NE
BACKUP POWER AND ALARMS		⊠S □M □U □NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T connect for portable generator	RANSFER PUMP: Quick	⊠S □M □U □NA □NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	NFORMATION 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: Stonebrook Lift Station #19 at New Castle Rd (35.038882)	<u>,-90.772213)</u>					
TYPE(S) OF WASTE WATER RECEIVED: ☑RESIDENTIAL	. □COMMERCIAL □INDUSTRIA	AL OTHER:				
NUMBER OF PUMPS: Two (2)	NUMBER OPERATIONAL: Two	0 (2)				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:_A	Aboveground; 3 phase	☑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 STORAGEQUIPMENT:		⊠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:	•	⊠S □M □U □NA □NE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED: <u>Enclosed</u>		⊠S □M □U □NA □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUINORING EQ		⊠S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COGASES AND FUMES: <u>Enclosed</u>	NDENSATION AND/OR	⊠S □M □U □NA □NE				
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE: Enclosed	⊠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 connect for portable generator		⊠S □M □U □NA □NE				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT emergency contact info posted.	INFORMATION POSTED: <u>No</u>	□S ☑M □U □NA □NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED):		□Y □N ☑NA □NE				









Photographer:Kerri McCabeDate:Sept 22, 2020Time:1145Witness:Photo #:6

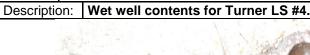


Water Division Photographic Evidence Sheet							
Location:	Forr	est City WW	TP Collection System				
Photograp	her:	Kerri McCab	e	Date:	Sept 22, 2020	Time:	1144
Witness:						Photo #:	7

Description: Aboveground pumps for Turner LS #4.



Photographer:Kerri McCabeDate:Sept 22, 2020Time:1142Witness:Photo #:8



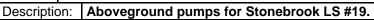


Water Division Photographic Evidence Sheet						
Location:	Forr	est City WWTP Collection S	ystem			
Photograp	her:	Kerri McCabe	Date:	Sept 22, 2020	Time:	1158
Witness:					Photo #:	9

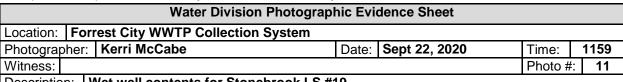
Description: Overview of Stonebrook LS #19; no contact info posted.



Photographer:Kerri McCabeDate:Sept 22, 2020Time:1159Witness:Photo #:10







Description: Wet well contents for Stonebrook LS #19.



Photographer:	Kerri McCabe	Date:	Sept 22, 2020	Time:	1200
Witness:				Photo #:	12

Description: Visual alarm for Stonebrook LS #19.



Figure 1. Google Earth image dated June 7, 2016 of City of Forrest City POTW and lift stations inspected.

