

ENVIRONMENTAL QUALITY

## OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **18-00879** PERMIT #: **AR0022039** DATE: **8/17/2021** 

COUNTY: **18 Crittenden** PDS #: **118908** MEDIA: **WN** 

GPS LAT: 35.124212 LONG: -90.179016 LOCATION: Entrance

FACILITY INFORMAT	ION		INSPECTION INFORMATION				
NAME: West Memphis WWTP LOCATION:			·	1 - Municipal 112347 S - State			tate
502 South Loop Road			R FACILITY EVALUATION			5	SSO/Collection System
West Memphis			DATE(S): 8/17/2021		RY TIME: 115	EXIT TIME 14:05	PERMITEFFECTIVE DATE:
RESPONSIBLE OFFIC	CIAL		8/18/2021		:05	16:20	PERMIT EXPIRATION DATE:
Todd Pedersen / General Manager							10/31/2023
COMPANY:			FAYETTEVII	LLE :	SHAL	E RELA	TED: <b>N</b>
West Memphis Utility Commission MAILING ADDRESS:			FAYETTEVILLE SHALE VIOLATIONS: N			TIONS: N	
P.O. Box 1868 604 East Cooper			INSPECTION PARTICIPANTS			RTICIPANTS	
CITY, STATE, ZIP: West Memphis AR 72301			Paul Hollow			or of Wa	astewater/
PHONE & EXT: / FAX:			pholloway@citywm.com				
870-735-3355 /							
tpedersen@citywm.com							
CONTACTED DURING INSPECTION	Yes	5					
AREA EVALUATIONS (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)							
S PERMIT	N	FLOW MEASUREMENT			N	i	
S RECORDS/REPORTS	N	LABORATORY			N	FACILI	TY SITE REVIEW
S OPERATION & MAINTENANCE	N	EFFLUENT/REG	CEIVING WAT	ER	N	SELF-N	MONITORING PROGRAM
N SAMPLING	N	SLUDGE HAND	LING/DISPOS	SAL	N	PRETE	REATMENT
N OTHER:		N OTHER:					

**SUMMARY OF FINDINGS** 

No violations were noted during the inspection.

#### **GENERAL COMMENTS**

Various improvements have been completed to the collection system that include:

- 1. Replacement of pumps
- 2. Rehabilitation of Pump Station 9
- 3. Aeration addition to Park Plaza Pump Station wet well
- 4. Sinkholes have been repaired from manholes
- 5. Slip lining of pipes
- 6. Force main addition to Pump Stations 3 and 4 to Pump Station 9

A fuel spill caused an upset at the WWTP. The spill was traced to Pump Stations 25 and 13, which was thoroughly cleaned by Jim's Tank Service.

A Compliance Evaluation Inspection, Industrial Stormwater Inspection, Pretreatment Inspection, and Industrial User Inspections were performed in conjunction with this inspection. Please view each inspection report for details.

Wes Klasky, Jonesboro Area Inspector, also participated in this inspection.

Cd ful	
INSPECTOR'S SIGNATURE: Sarah Frasher	DATE: <b>10/8/2021</b>
SUPERVISOR'S SIGNATURE: Brest L. Walker	
SUPERVISOR'S SIGNATURE: Control of the Control of t	DATE: <b>1/27/2022</b>

COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	⊠S □M □U □NA □NE				
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM:  Gravity and force main system						
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: ~26,000 population						
FEET OF SEWER SYSTEM: ~167 miles						
AGE OF SYSTEM: 1950s and newer						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DESCRIPTION (EXPLAIN): High I&I	DRY OR WET WEATHER	⊠Y □N □NA □NE				
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS Environmental Quality Department to DEQ	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 DEACH):	DATE AND LOCATION OF	□Y ☑N □NA □NE				
PUMP STATIONS		⊠S □M □U □NA □NE				
NUMBER OF PUMP STATIONS IN SYSTEM: 40	NUMBER OF PUMP STATIONS IN SYSTEM: 40 NUMBER WITH BACKUP POWER: 0					
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITO	RED: <b>Daily</b>					
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	,	·				
BRIEF SUMMARY OF EMERGENCY PROCEDURES: General Shares generator with West Memphis Utilities	erator connections on major p	pump stations; PLWC				
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 SATELLITE SYSTEMS: Yes						
TYPE(S) OF WASTE WATER RECEIVED:_ MRESIDENTIA	TYPE(S) OF WASTE WATER RECEIVED:_ ☑RESIDENTIAL □COMMERCIAL □INDUSTRIAL □OTHER:					
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: ~75 custo	BRIEFLY DESCRIBE THE SATELLITE SYSTEM: ~75 customers					
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: No						
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: Crittenden County Improvement District 6; West Memphis, AR						

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVALUATION		<b>\D</b> :	S □M □U	□NA	
NAME AND/OR LOCATION OF PUMP STATION: Pump Station 9	,				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	. ☑COMMERCIAL ☑INDUSTRIA	AL OTH	ER:		
NUMBER OF PUMPS: 3	NUMBER OPERATIONAL: 3				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		⊠S □M	□U □NA	□NE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y	⊠N □NA	□NE	
One of the pumps was replaced. Addition of axillary pum maintenance. West Memphis Utilities is planning to add to		was instal	led for eas	ier	
GENERAL OPERATION AND MAINTENANCE		<b>2</b> :	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:	ENT UNAUTHORIZED	⊠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 EQUIDRIVESHAFTS, ETC.):	UIPMENT (BELTS, PULLEYS,	⊠s □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		<b>\D</b> :	S DM DU	□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): Con	nmunication direct to phones	✓Y	□N □NA	□NE	

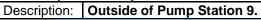
PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)						
GENERAL INFORMATION AND OVERALL EVALUATION		⊠S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION:  Pump Station 15						
TYPE(S) OF WASTE WATER RECEIVED: <b>Z</b> RESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL OTHER:				
NUMBER 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				
Pumps recently replaced. New pump washes wet well reg	jularly to prevent accumulation	of solids.				
GENERAL OPERATION AND MAINTENANCE		⊠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:	,	⊠S □M □U □NA □NE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:		⊠S □M □U □NA □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.):	•	⊠S □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	ΓΕΝΑΝCE:	☑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	/ET 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 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		6	ăs □n	⁄I □U	□NA
NAME AND/OR LOCATION OF PUMP STATION:  Pump Station Park Plaza					
TYPE(S) OF WASTE WATER RECEIVED: ☑RESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL DOT	HER:		
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		Øs □	⁄I □U	□NA	□NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:			Y 🗹 N	□NA	□NE
Aeration added to wet well to control odors and aid water	r movement through the syster	n.			
GENERAL OPERATION AND MAINTENANCE		6	ăs □n	⁄I □U	□NA
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		⊠s □	⁄I □U	□NA	□NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:		Øs □	⁄I □U	□NA	□NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:		Øs □	⁄I □U	□NA	□NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:		⊠s □	⁄I □U	□NA	□NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.) :	,	Øs □	⁄I □U	□NA	□NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	NDENSATION AND/OR	Øs □	⁄I □U	□NA	□NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	Øs □	v □u	□NA	□NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	Øs □	v □U	□NA	□NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	Øs □	⁄I □U	□NA	□NE
BACKUP POWER AND ALARMS		6	ĭs □n	⁄I □U	□NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	Øs □	<b>u</b> □U	□NA	□NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	Øs □	<b>v</b> □U	□NA	□NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):			Y □N	ØNA	□NE

Office of Water Quality Photographic Evidence Sheet						
Location:	Wes	st Memphis WWTP				
Photograph	her:	Sarah Frasher	Date:	8/17/2021	Time:	13:32
Witness: Wes Klasky Photo #: 1					1	
Description: Overview of Pump Station 9. Note the emergency contact information.						



Photographer:Sarah FrasherDate:8/17/2021Time:13:32Witness:Wes KlaskyPhoto #:2



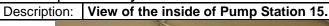


## Inspection Report: West Memphis WWTP, AFIN: 18-00879, Permit #: AR0022039 Office of Water Quality Photographic Evidence Sheet Location: West Memphis WWTP Photographer: Sarah Frasher Date: 8/17/2021 Time: 13:30 Witness: Wes Klasky Photo #: Description: View of the rail used for maintenance. 17.2021 13:30 Photographer: Sarah Frasher Date: 8/17/2021 Time: 13:31 Witness: Wes Klasky Photo #: Description: View of the inside of the wet well.

Office of Water Quality Photographic Evidence Sheet						
Location:	Wes	st Memphis WWTP				
Photograp	her:	Sarah Frasher	Date:	8/17/2021	Time:	13:44
Witness:	Witness: Wes Klasky Photo #: 5					5
December		lians of Duman Chatian AF				

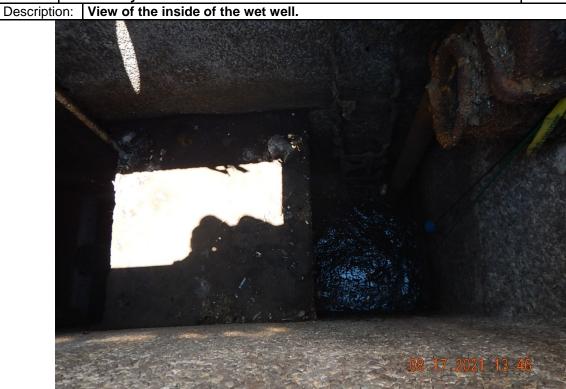


Photographer:Sarah FrasherDate:8/17/2021Time:13:45Witness:Wes KlaskyPhoto #:6





# Office of Water Quality Photographic Evidence SheetLocation:West Memphis WWTPPhotographer:Sarah FrasherDate:8/17/2021Time:13:46Witness:Wes KlaskyPhoto #:7



Photographer: Sarah Frasher	Date: 8/17/2021	Time:	13:55
Witness: Wes Klasky		Photo #:	8





# Office of Water Quality Photographic Evidence Sheet Location: West Memphis WWTP Photographer: Sarah Frasher Date: 8/17/2021 Time: 13:55 Witness: Wes Klasky Photo #: 9



Photographer:Sarah FrasherDate:8/17/2021Time:13:55Witness:Wes KlaskyPhoto #:10

