

ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **57-00423** | PERMIT #: **AR0036692** | DATE: **6/15/2022**

COUNTY: **57 Polk** PDS #: **121272** MEDIA: **WN**

GPS LAT: LONG: LOCATION: N/A

IN	INSPECTION INFORMATION			
FACILITY TYPE: INSPECTOR ID#: 36537 S - State				
FACILITY EVALUATION RATING: INSPECTION TYPE: 1 - Unsatisfactory SSO/Collection Sys		SSO/Collection System		
* *		PERMIT EFFECTIVE DATE:		
		PERMIT EXPIRATION DATE:		
		8/31/2022		
FAYETTEVILLE SHALE RELATED: N				
FAYETTEVILLE	FAYETTEVILLE SHALE VIOLATIONS: N			
	INSPECTION PARTICIPANTS			
Mike Spencer, Wastewater Supervisor, Class III, A				
479-23-2592;				
Lindon Hopper	Class I Ope	rator (License 010525);		
lames Looney	Mona Water	Litilities GM		
jameslooney@menawaterutilities.org, 479-394-2761				
AREA EVALUATIONS				
	FACILITY TYPE: 1 - Municipal FACILITY EVALUATION RATING 1 - Unsatisfacto DATE(S): EN 6/15/2022 1 FAYETTEVILLE FAYETTEVILLE FAYETTEVILLE IN: NAME/TITLE/PHONE/FAX/EMA Mike Spencer, N Operator (Licen 479-23-2592; Lindon Hopper, James Looney, jameslooney@r EVALUATIONS	FACILITY TYPE: 1 - Municipal FACILITY EVALUATION RATING: 1 - Unsatisfactory DATE(S): 6/15/2022 11:00 TAYETTEVILLE SHALE REL FAYETTEVILLE SHALE VIOL INSPECTION P NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Mike Spencer, Wastewater S Operator (License 007917), 479-23-2592; Lindon Hopper, Class I Ope James Looney, Mena Water jameslooney@menawateruf EVALUATIONS Justisfactory, N=Not Applicable/Evaluated)		

	(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	
	OTHER B					

M OTHER: Pump stations

SUMMARY OF FINDINGS

- 1. The collection system continues to experience significant wet weather inflow and infiltration. The city should continue to address I & I as required by Consent Administrative Orders (CAO) LIS 18-046 and 18-046-001.
- 2. The Cordie Drive pump station has one inoperable pump and no listed contact information.
- 3. The Mena School pump station does not have contact information listed and the visual alarm could not be verified.

GENERAL COMMENTS

I conducted this inspection on June 15, 2022 with Operator Lindon Hopper. The system includes at least seven pump stations: (1) Sewer Plant pump station, (2) Mid-South, (3) Ouachita Circle, (4) Mena Lake, (5) Mena School, (6) Cordie Drive, and (7) Ball Park. The sewer plant pump station has limited telemetry at the plant. Mid-South, Ouachita Circle, and Mena Lake are monitored daily. Previous inspections have identified only four pump stations. The city needs to create a comprehensive list of the pump stations in the collection system. All stations need to be routinely monitored.

During this inspection, I visited three pump stations: Mena School, Mena Lake, and Cordie Drive. These pump stations were observed to be clean and maintained with no sign of overflow. However, wet weather inflow and infiltration continue to be a major problem at the POTW. During this inspection, I spoke to Mr. James Looney, Mena Water Utilities General Manager, about the collection system. He is coordinating plans and approval from the Wastewater Board and City Council to execute improvements to the collection lines.

- Almy Beck	
INSPECTOR'S SIGNATURE: Amy Beck	DATE: 6/21/2022
Kerri Mª Cale	
SUPERVISOR'S SIGNATURE: Kerri McCabe	DATE: 8/5/2022

COLLECTION SYSTEM INSPECTION AND OVERALL RAT	TING	□S □M ☑U □NA □NE				
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Consists of 8"-16" pipe of various materials – concrete, clay, ductile iron and PVC. Flow is gravity to pump stations, then force and gravity to main lines and POTW.						
POPULATION SERVED/NUMBER OF RESIDENTIAL AND	POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: ~2800 connections					
FEET OF SEWER SYSTEM: 18 miles						
AGE OF SYSTEM: ~50 years, Ponds built in 1971.						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING I (EXPLAIN): Excessive inflow and infiltration		☑Y □N □NA □NE				
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS 24 hr. report and DMR report	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: 7	NUMBER WITH BACKUP PO	WER: <u>1</u>				
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: varies						
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: yes, notebook						
ADEQUATE INVENTORY OF SPARE PARTS: not evaluated						
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <u>Electronic monitoring at</u> Main pump station (at the POTW) only. No other pump station e-monitored.						
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Respond as appropriate. Generator for power, vac-truck for high level/spills, lime affected area.						
NUMBER OF PUMP STATIONS VISITED DURING INSPEC	TION (SEE ATTACHED CHEC	KLISTS FOR EACH): <u>3</u>				
SATELLITE SYSTEMS		□S □M □U ØNA □NE				
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM	M SATELLITE SYSTEMS: No					
TYPE(S) OF WASTE WATER RECEIVED:						
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			⊐M □U	□NA
NAME AND/OR LOCATION OF PUMP STATION: Mena School at Morrow Street				
TYPE(S) OF WASTE WATER RECEIVED: ☐RESIDENTIAL	. ☑COMMERCIAL ☐INDUSTRIA	AL OTHER	:	
NUMBER OF PUMPS: 1	NUMBER OPERATIONAL: 1			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		⊠S □M □	U □NA	□NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		ØY□	N □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 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.):		ØS OM O	U □NA	□NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:		⊠s □m □	U □NA	□NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:		⊠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 WET WELLS:		⊠S □M □	U □NA	□NE
BACKUP POWER AND ALARMS		□s [JW ⊠U	□NA
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:		U □NA	□NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:		U □NA	□NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):			N □NA	□NE
				_

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVALUATION		⊠s c	JM □U [□NA	
NAME AND/OR LOCATION OF PUMP STATION: Mena Lake at Polk Co 89					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	. □COMMERCIAL □INDUSTRIA	AL OTHER:			
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		⊠s □m □	J □NA [□NE	
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:			N □NA [□NE	
GENERAL OPERATION AND MAINTENANCE		Øs c		□NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:		ØS DM D	J DNA [□NE	
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:		⊠S □M □	J □NA [□NE	
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:		⊠S □M □	J □NA [□NE	
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:		⊠S □M □	J □NA [□NE	
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):		ØS DM D	J DNA [□NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:		ØS DM D	J □NA [□NE	
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:		⊠s □m □	J DNA [□NE	
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS DM D	J 🗆 NA [□NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:		ØS □M □	J DNA [□NE	
BACKUP POWER AND ALARMS		Øs c		□NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP: Hookup	ØS DM D	J DNA [□NE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	ØS □M □	J DNA [□NE	
SCADA SYSTEM (LIST PARAMETERS MONITORED):			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: <u>Cordie Drive</u>					
TYPE(S) OF WASTE WATER RECEIVED: Zersidential	□COMMERCIAL □INDUSTRIA	AL DOTHER:			
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 1				
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:		⊠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 EQUENCESHAFTS, ETC.):	⊠S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COL GASES AND FUMES:	⊠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		□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			

City of Mena WWTP Photographer: Amy Beck Witness: NA Office of Water Quality Photographic Evidence Sheet Date: June 15, 2022 Time: 1244 Photo #: 1

Description: Mena School pump station.



Photographer:Amy BeckDate:June 15, 2022Time:1247Witness:NAPhoto #:2



Office of Water Quality Photographic Evidence Sheet Location: City of Mena WWTP Photographer: Amy Beck Date: June 15, 2022 Time: 1256 Witness: NA Photo #: 3 Description: Mena Lake pump station



Photographer:	Amy Beck	Date:	June 15, 2022	Time:	1259
Witness: NA				Photo #:	4

Description: Wet well for Mena Lake pump station.



Inspection Report: City of Mena WWTP, AFIN: 57-00423, Permit #: AR0036692 Office of Water Quality Photographic Evidence Sheet Location: City of Mena WWTP Photographer: Amy Beck Date: June 15, 2022 Time: 1313 Witness: NA Photo #: Description: Cordie Drive pump station Photographer: Amy Beck Date: June 15, 2022 Time: 1312 Witness: NA Photo #: 6 Description: Wet well for Cordie Drive.

06.15.2022 13:12

From: <u>Wastewater</u>

To: Water-Inspection-Report
Cc: Beck, Amy; "james looney"

Subject: Inspection 15june22 Summary of findings response.

Date: Friday, August 26, 2022 8:38:36 AM

Compliance inspection

2.a . Several seeps in levee has been discussed that at decommissioning of lagoons when new WWTP is constructed and placed in service the lagoon will be drained, levee will be breached and lagoon will be unable to hold wastewater. This procedure will be addressed in the plant closing plan developed by the City of Mena's current engineers.

- 2.b. Mena water is passing a private line ordinance on sewer side to enforce private sewer leaks this month. The City is also will be adding personnel for a sewer rehab team to focus on these leaks and identify new ones and smoke testing. The City also is trying to refinance bonds and use some of the money to reline trunk lines in lower lying areas and under creek crossings. At the construction of new WWTP funding will be set aside for engineers to do some camera inspections of various areas of the collection system.
- 4. A glass thermometer was placed in the cabinet of the refrigerated sampler.

SSO collection system

- 1. I and I, same response as 2.b
- 2. The Cordie drive in operated pump has been reset a light beacon has been ordered by electricians and contact information has been installed.
- 3. The Mena High school pump station has now contact information and a beacon alarm light has been ordered to note an alarm condition.
- 4. The Aubrey Tapley park lift station was discovered that it took a lightning hit and was out of commission, pumps and electrical components on order and daily vac-truck use to remove waste until parts arrive and it also a alarm beacon is being installed for alarm conditions.
- 5. The City has seven lift stations to include main lift station at WWTP, a normal/regular route is being developed for the on call maintenance team to include paper logs and near future wireless communications for telemetry.

Respectfully, Mike Spencer Wastewater Supervisor



October 4, 2022

Honorable Seth F. Smith, Mayor City of Mena 323 Polk 53 Mena, AR 71953

Via email to: menawwtp@gmail.com

RE: Mena WWTP - Response to Inspections (Polk Co)

AFIN: 57-00423 NPDES Permit No.: AR0036692

Dear Mayor Smith:

I have reviewed the response pertaining to my June 15, 2022 inspection of the City of Mena wastewater plant and collection system. The information provided sufficiently addresses the items referenced in my inspection reports. At this time, the Division has no further comment concerning these particular inspections. 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 me at (501) 837-2082 or you may email me at amy.huneycutt@adpce.ad.

Sincerely,

Amy Huneycutt

Inspector, Office of Water Quality

5301 Northshore Drive, North Little Rock, AR, 72118