

 <p>ENVIRONMENTAL QUALITY</p>	OFFICE OF WATER QUALITY				
	INSPECTION REPORT				
	AFIN: 63-00063	PERMIT #: AR0036498	DATE: 8/20/2021		
	COUNTY: 63 Saline	PDS #: 118170	MEDIA: WN		
GPS LAT: 34.614652 LONG: -92.529425 LOCATION: Entrance					
FACILITY INFORMATION		INSPECTION INFORMATION			
NAME: Benton Utilities LOCATION: 616 W. Hazel St. CITY: Benton		FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 83321 S - State FACILITY EVALUATION RATING: 4 - Satisfactory INSPECTION TYPE: SSO/Collection System			
RESPONSIBLE OFFICIAL		DATE(S): 8/20/2021 ENTRY TIME: 09:00 EXIT TIME: 11:45 PERMIT EFFECTIVE DATE: 4/1/2021 PERMIT EXPIRATION DATE: 3/31/2026			
NAME: / TITLE Mr. David Vondran / General Manager COMPANY: Benton Utilities MAILING ADDRESS: 1827 Dale Ave. CITY, STATE, ZIP: Benton AR 72015 PHONE & EXT: / FAX: 501-776-5984 / EMAIL: dvondran@bentonutilities.com		FAYETTEVILLE SHALE RELATED: N			
CONTACTED DURING INSPECTION: No		FAYETTEVILLE SHALE VIOLATIONS: N			
INSPECTION PARTICIPANTS					
NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Mr. Nathan Schultz, Manager, Benton Utilities Mr. Terry Wimberly, Supervisor, Benton Utilities					
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
**	OTHER:				
SUMMARY OF FINDINGS					
<p>No violations were noted at the time of the inspection. All records provided by Benton Utilities were greatly appreciated.</p> <ul style="list-style-type: none"> Benton Utilities continues to make significant progress towards reducing or eliminating recurring sanitary sewer overflows (SSO) in the collection system as required by Consent Administrative Order LIS #11-069. From June 1, 2020 to May 31, 2021, the permittee reported 20 SSOs online from which 11 of those reached waters of the state. Nine of the SSOs occurred from manholes within the treatment plant and not within the community (Photos #10-13). Both lift stations visited at the time of the inspection were well maintained. 					
GENERAL COMMENTS					
INSPECTOR'S SIGNATURE: ←Click text to left to add signature				DATE:	
 -Inspector Name					
SUPERVISOR'S SIGNATURE:				DATE: 8/20/2021	
 Jason Bolenbaugh					

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Per the 2013 Sanitary Sewer Evaluation Study (SSES), the sanitary sewer system includes approximately 7 miles of force main, approximately 150 miles of gravity sewer, 84 pump stations, and more than 4,300 manholes.		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: >30,000		
FEET OF SEWER SYSTEM: > 157 miles		
AGE OF SYSTEM: The system dates back to the early 1900's and improvements and the installation of new and improved parts continue.		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER? See General Comments pertaining to CAO LIS #11-069.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ? Benton Utilities reports SSOs according to permit requirements using the online SSO reporting form, NetDMR, and they continue to submit monthly physical copies that are saved on the DEQ website under Enforcement reports.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
ARE ALL SSOs REPORTED REGARDLESS OF SIZE?	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
HAVE SSOs REACHED "WATERS OF THE STATE"? LIST DATE AND LOCATION OF EACH. Treatment Plant: 8/27/20 (2), 1/1/21, 2/26/21 (2), 2/28/21 (2), 3/25/21 (2); 119 Crystal Drive on 7/3/20; and, 19120 I-30 on 8/3/20.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE	
PUMP STATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: 84	NUMBER WITH BACKUP POWER:	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Many stations have the capability to be monitored remotely using programs Flygt Multi Smart or Hightide. Stations are visited twice per week.		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes, a copy of the monitoring records was provided in preparation for the inspection.		
ADEQUATE INVENTORY OF SPARE PARTS: Yes, an inventory list was provided in preparation for the inspection.		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): Programs Flygt Multi Smart or Hightide.		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: All stations either have a permanent generator or the ability to install a portable generator. Many stations also have the ability to use the generator to pump to a bypass system in the event of station failure. Stations have either visual and/or audible alarms and many are monitored remotely so operators can be notified quickly in the event of a failure, or they can even predict when a pump station is not operating properly. Some stations have multiple water level sensors to detect failures such as a transducer, probes, and floats. Vac trucks are utilized when necessary and remediation of any spilled areas are completed as soon as possible.		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 2		
SATELLITE SYSTEMS		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS:		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
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	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Hurricane Lake Main: Location 34.614652 and -92.529425	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: 150 hp	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.): Submersible station	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP: Station has a permanent generator.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED: Station is located in a semi-remote area so an audible alarm is more appropriate.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED): Flygt Multi Smart	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Hurricane Lake East #3: Location 34.630297 and -92.520756	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE: 15	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.): Submersible	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP: Station has hookup for portable generator.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED: Station has a visual alarm.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED): This station is not monitored by the Flygt Multi Smart or Hightide programs.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:14
		Photo #:	1
Description:	DSCN3169: Emergency contact information at the Hurricane Lake Main station.		



Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:15
		Photo #:	2
Description:	DSCN3170: Flygt MultiSmart control monitor.		



Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:17
		Photo #:	3
Description:	DSCN3172: Pumps 1 (07340.6 hours) and 2 (06679.2 hours) run times.		



Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:18
		Photo #:	4
Description:	DSCN3173: Wet well with minimal solids and no evidence the water level neared overflow conditions.		



Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:22
		Photo #:	5
Description:	DSCN3175: Permanent generator and bypass hookup.		



Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:32
		Photo #:	6
Description:	DSCN3176: Emergency contact information and lift station.		



Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:33
		Photo #:	7
Description:	DSCN3177: Lift station control panel with generator hookup.		



Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:34
		Photo #:	8
Description:	DSCN3180: Lift station control panel. Pumps 1 (02095.9 hours) and 2 (02429.3 hours) runs times.		

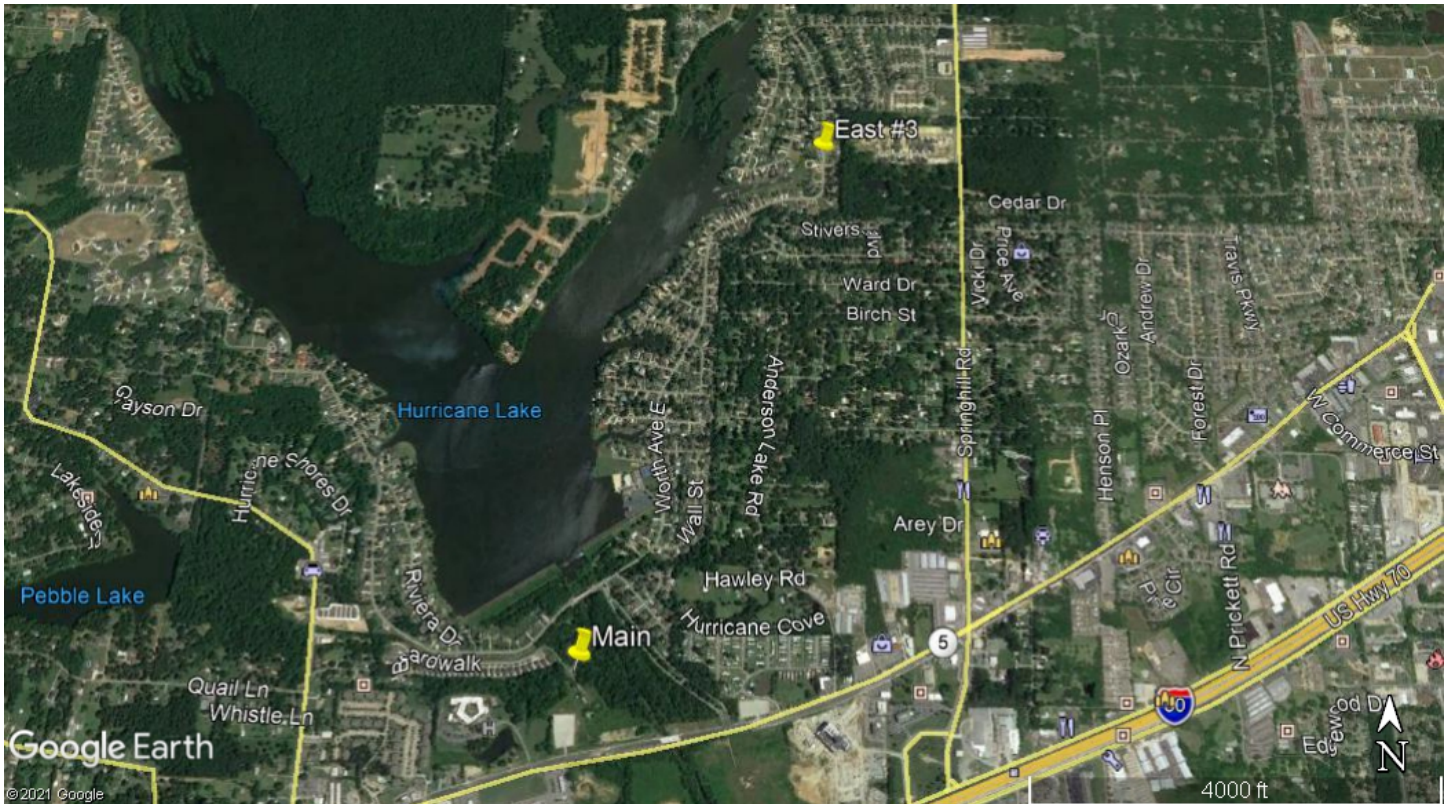


Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	11:34
		Photo #:	9
Description:	DSCN3179: Wet well with no solids and no evidence the water level neared overflow conditions.		



Locations of the Hurricane Lake Main and Hurricane Lake East #3 lift stations.



Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities				
Photographer:	Jason Bolenbaugh	Date:	8/20/2021	Time:	09:20
Witness:				Photo #:	10
Description:	DSCN3099: Manhole #14 to the east of Oxidation Ditch #2.				



Photographer:	Jason Bolenbaugh	Date:	8/20/2021	Time:	09:21
Witness:				Photo #:	11
Description:	DSCN3100: Inside of Manhole #14 at the Benton Utilities treatment plant.				



Office of Water Quality Photographic Evidence Sheet

Location:	Benton Utilities		
Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	09:26
		Photo #:	10
Description:	DSCN3101: Manhole #15 at the Benton Utilities treatment plant adjacent to the former sand filter beds.		



Photographer:	Jason Bolenbaugh	Date:	8/20/2021
Witness:		Time:	09:26
		Photo #:	13
Description:	DSCN3102: Inside of Manhole #15 at the Benton Utilities treatment plant.		

