 A R K A N S A S Department of Environmental Quality		WATER DIVISION INSPECTION REPORT					
		AFIN: 32-00044		PERMIT #: AR0020702		DATE: 4/14/2016	
		COUNTY: 32 Independence			PDS #: 091917		MEDIA: WN
		GPS LAT:		LONG:		LOCATION: *****	
FACILITY INFORMATION				INSPECTION INFORMATION			
NAME: Batesville WWTP - Collection System LOCATION: 500 Riverbank Rd CITY: Batesville, AR				FACILITY TYPE: 1 - Municipal		INSPECTOR ID#: 84022 S - State	
				FACILITY EVALUATION RATING: 3 - Satisfactory		INSPECTION TYPE: SSO/Collection System	
				DATE(S): 4/14/2016		ENTRY TIME: 09:00	
				EXIT TIME: 14:30		PERMIT EFFECTIVE DATE: 3/31/2011	
				PERMIT EXPIRATION DATE: 4/30/2016			
RESPONSIBLE OFFICIAL							
NAME / TITLE: Eugene Townsley / Plant Superintendent COMPANY: Batesville Water Utilities MAILING ADDRESS: 500 Riverbank Rd CITY, STATE, ZIP: Batesville AR 72051 PHONE & EXT. / FAX: 870-698-2442 ext 6 / EMAIL: wwsuper@cityofbatesville.com				FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N			
CONTACTED DURING INSPECTION: Yes				INSPECTION PARTICIPANTS			
				NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Eugene Townsley (Lic# 001160; Class IV/Adv Industrial)/Plant Superintendent/(870) 698-2442 ext 6/wwsuper@cityofbatesville.com Michael McDaniel (Lic# 004654/Class IV)/Pre-treatment/(870) 698-2442 ext 4/wwinspector@cityofbatesville.com ADEQ District 2 Inspector Cody Wallace			
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	OTHER: SSO/Collection System						
SUMMARY OF FINDINGS							
<p>No violations noted during inspection.</p> <p>City of Batesville is under CAO Lic# 08-083 (amended in June 2015) for WWTP and collection system improvements. A 60" gravity tunnel was installed prior to the headworks of the plant to relieve hydraulic overloading at the plant due to I&I of the collection system. Additionally, one of the three cells of the lagoon system was converted into a two-cell EQ basin. Unknown if the City plans to do line repairs within the City's collection system; however, permitted modifications have been completed for WWTP improvements.</p>							

GENERAL COMMENTS

On Thursday, April 14, 2016 an inspection was conducted of the City's lift stations. The inspection consisted of site visits to the system's lift stations and an online review of reported SSOs (2014 – present).

Site visits:



There are three lift stations in the system. Two were inspected and a third has been closed and is not in operation (lift station served a closed down factory; no input). Also, the influent screw pumps were inspected at the City's WWTP.

The City's lift stations have deep wet wells for storage capacity and a vac-tron available for cleaning out wet wells. Also, the City has a FOG program in place. The customer is responsible for issues with service lines (house to main), and the City is responsible for the main lines, manholes, and lift stations. There are no satellite systems connected to the City's system. City personnel identified human health concerns as near a residence and an environmental concern as entering waters of the State for reporting reasons.

Online records reviewed:

An online search for reported SSOs identified 90 SSOs for 2014 – present. The majority of the SSOs were from manholes and some cleanouts during rain events.

- 2016 – 14 (1 ≥ 1000 gal)
- 2015 – 6
- 2014 – 70 (24 ≥ 1000 gal)

INSPECTOR'S SIGNATURE: 	Kerri McCabe	DATE: 7/21/2016
SUPERVISOR'S SIGNATURE: 	Jason Bolenbaugh	DATE: 7/22/2016

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input checked="" 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: Gravity to lift stations and WWTP -> lift station to plant or mainlines (4-60") to plant		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: Not evaluated		
FEET OF SEWER SYSTEM: 100 miles		
AGE OF SYSTEM: 1926		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): I&I and line blockages; improvements at WWTP have reduced overflows in system.		<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 (DESCRIBE): Permit requires monthly reporting with DMRs; new permit will require reporting per Part I, Sec A.		<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): SSOs can be reviewed online through ADEQ website; summary in "General Comments."		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
PUMP STATIONS		<input 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: Three (3); one (1) not in operation	NUMBER WITH BACKUP POWER: None; can call in a generator if needed.	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Twice/week; more frequently if raining (daily).		
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): Auto-dialer at Sawmill Lift Station only.		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Fix, clean, and report.		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): Two (2)		
SATELLITE SYSTEMS		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: No		
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: Eagle Mountain Golf Course at Mountain Ridge (
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: Two (2)	NUMBER OPERATIONAL: Both
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<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: Covered	<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.): Submerged pumps	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES: Outside	<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: Low	<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: Can call in 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:	<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):	<input type="checkbox"/> Y <input checked="" 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: Sawmill at Dry Kiln (
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL (serves about four subdivisions) <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: Two (2); room for three (3) total	NUMBER OPERATIONAL: Both
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<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: Inside fully enclosed building.	<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.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES: Vented	<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: Low	<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: Can call in generator.	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/ <u>VISUAL</u> ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<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): Auto-dialer with high/low, shut off, and power fail.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Water Division Photographic Evidence Sheet

Location:	Batesville WWTP - Collection		
Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1231
		Photo #:	1
Description:	Eagle Mtn. Golf Course Lift Station overview.		



Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1232
		Photo #:	2
Description:	Eagle Mtn. Golf Course pump run hours.		



Water Division Photographic Evidence Sheet

Location:	Batesville WWTP - Collection		
Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1233
		Photo #:	3
Description:	Eagle Mtn. Golf Course lift station wet well contents; grease/solids low.		



Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1253
		Photo #:	4
Description:	Sawmill Lift Station overview.		



Water Division Photographic Evidence Sheet

Location:	Batesville WWTP - Collection		
Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1254
Description:	Sawmill Lift Station Pump #1 pump run hours.		



Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1256
Description:	Sawmill Lift Station Pump #2 pump run hours.		



Water Division Photographic Evidence Sheet

Location:	Batesville WWTP - Collection		
Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1258
Description:	Sawmill Lift Station pumps; two in place and room for a third.		



Photographer:	Cody Wallace	Date:	April 14, 2016
Witness:	Kerri McCabe	Time:	1300
Description:	Sawmill Lift Station wet well contents; grease/solids low.		



Figure 1. Google Earth image dated March 4, 2016 of lift stations visited in relation to the WWTP.

