	4 DEO	WATER DIVISION INSPECTION REPORT							
	ADLQ	AF	IN: <b>28-00470</b> PI	ERMIT #: <b>AR0033766</b>			DATE: 6	/21/2017	
ARKANSAS			UNTY: 28 Green	е	PDS	#: 098370		MEDIA: WN	
Dep	partment of Environmental Quality	GF	S LAT: <b>36.03151</b>	0 LONG: -90.49	1631 I	OCATION:	Entrance	1	
	FACILITY INFORMAT	ION		IN	ISPEC	TION INFO	RMATION	I	
	E: ragould Light, Water & Cable NTION:			FACILITY TYPE:  1 - Municipal	112	ctor id#: 347 S - State	e		
	1 Grant Lane			FACILITY EVALUATION RATIN		SSC	CTION TYPE: D/Collecti	on System	
	ragould			1-7	NTRY TIME: <b>)8:20</b>	EXIT TIME: <b>15:52</b>	PERMIT EF	FECTIVE DATE:	
	RESPONSIBLE OFFIC	CIAL			9:17	16:22	0	PIRATION DATE:	
	हार प्राप्ताह rrell Phillips / General Manager 8	& CF	-0				7/31/2	020	
COM	PANY:	٥.		FAYETTEVILLE SHALE RELATED: N					
	ragould Light, Water & Cable			FAYETTEVILLE SHALE VIOLATIONS: N					
Ρ.0	D. Box 9			INSPECTION PARTICIPANTS					
- ,	STATE, ZIP:			NAME/TITLE/PHONE/FAX/EMAIL/ETC: Lisa Ellington, PhD/Manager-Environmental Services					
	ragould AR 72451			Brett Bradford/ Chief Operating Officer Jimmy McDaniel/Sewer Maintenance Supervisor					
	1								
EMAI	L:			·			•		
CC	NTACTED DURING INSPECTION:	Ye	6						
			AREA EVA	LUATIONS					
_			tory, M=Marginal, U=Unsati						
S	PERMIT	N	FLOW MEASUR	KEMENI	N				
S	RECORDS/REPORTS	N	LABORATORY	S=1, //LO \4/4====	N	FACILITY			
S	OPERATION & MAINTENANCE	N		CEIVING WATER				G PROGRAM	
N	SAMPLING	N	SLUDGE HAND	LING/DISPOSAL	. N	PRETREA	TMENT		
N	OTHER:								
			CHMMADV	LE EINIDINICS					

No violations were noted at the time of the inspection.

## **GENERAL COMMENTS**

Mr. McDaniel is very knowledgeable about the collection system. He is passionate about wastewater and tries to improve the collection system. The staffs of PLWC have a good working relationship between the collection system and WWTP.

Manholes along Hwy. 412 were recently sealed to prevent any damage from Highway Department project on the road (Photo 6). The sealed manholes also help reduce I&I issues and more manholes are being planned for this treatment around the City of Paragould.

An overflow was reported on June 23, 2017 at the PLWC WWTP that occurred due to human error. The area affected was inspected on June 26, 2017 during this inspection. The area was cleaned properly both from the area directly affected and the stormwater that mixed with the wastewater (Photos 11-12).

A Compliance Evaluation Inspection, Pretreatment Compliance Inspection, and Stormwater Inspection were all performed in conjunction with this inspection.

Brent Walker, District 3 Water Inspector, also participated in this inspection.

CI fil	
INSPECTOR'S SIGNATURE: Sarah Frasher	DATE: <b>7/26/2017</b>
Jan Rallahage	
SUPERVISOR'S SIGNATURE: Jason Bolenbaugh	DATE: <b>7/31/2017</b>

COLLECTION SYSTEM INSPECTION AND OVERALL RATING	☑S □M □U □NA □NE					
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: <u>Gravity flow and force main system</u>						
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: ~10,719 connections						
FEET OF SEWER SYSTEM: ~168 miles of active sewer line						
AGE OF SYSTEM: 1920s and newer						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): Continuous work to reduce I&I	ØY □N □NA □NE					
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):  Reports to ADEQ	ØY □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 ØN □NA □NE					
PUMP STATIONS	□S □M □U □NA □NE					
NUMBER OF PUMP STATIONS IN SYSTEM: 67 NUMBER WITH BACKUP PO portable generators	WER: 3 dedicated/ 11					
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: SCADA: 3-4/day; visua	l: 3 times/week					
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)	:_SCADA					
BRIEF SUMMARY OF EMERGENCY PROCEDURES: transfer pumps available, portable	e generators, vacuum truck					
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECK	KLISTS FOR EACH):_4					
SATELLITE SYSTEMS	□S □M □U ØNA □NE					
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: No						
TYPE(S) OF WASTE WATER RECEIVED: RESIDENTIAL _ COMMERCIAL _ INDUST	RIAL 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	⊠S □M □U	□NA					
NAME AND/OR LOCATION OF PUMP STATION: South Beacon							
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL □OTHER:						
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2						
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS □M □U □NA	□NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ØN □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 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:	MENT PROPERLY	⊠S □M □U □NA	□NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUENCY DRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	□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	TENANCE:	☑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:	⊠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): <u>Lev</u>	el, voltage, pump run	ØY □N □NA	□NE				
		•					

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)							
GENERAL INFORMATION AND OVERALL EVALUATION			□NA				
NAME AND/OR LOCATION OF PUMP STATION: <u>B Station</u>							
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL OTHER:						
NUMBER OF PUMPS: 4	NUMBER OPERATIONAL: 4						
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS □M □U □NA □	□NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ØN □NA [	□NE				
GENERAL OPERATION AND MAINTENANCE		⊠S □M □U □	□NA				
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:	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:	ØS □M □U □NA [	□NE					
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	MENT PROPERLY	ØS DM DU DNA D	□NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIDRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	ØS OM OU ONA	□NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	ØS DM DU DNA D	□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 W	VET WELLS:	☑S □M □U □NA □	□NE				
BACKUP POWER AND ALARMS		⊠S □M □U □	□NA				
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS □M □U □NA [	□NE				
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	NFORMATION POSTED:	☑S □M □U □NA □	□NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED): Lev	el, voltage, pump run	ØY □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>Tire Street Station</u>							
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL OTHER:						
NUMBER OF PUMPS: 2	NUMBER OPERATIONAL: 2						
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS □M □U □NA	□NE				
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ⊠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 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:	MENT PROPERLY	ØS □M □U □NA	□NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUENCY DRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	ØS □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	TENANCE:	ØS □M □U □NA	□NE				
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS DM DU DNA	□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	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): <u>Lev</u>	el, voltage, pump run	☑Y □N □NA	□NE				
		•					

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)							
GENERAL INFORMATION AND OVERALL EVALUATION		ØS	□M □U	□NA			
NAME AND/OR LOCATION OF PUMP STATION: <u>A Station</u>							
TYPE(S) OF WASTE WATER RECEIVED: <b>Ø</b> RESIDENTIAL	AL OTHE	R:					
NUMBER OF PUMPS: 4	NUMBER OPERATIONAL: 4						
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		⊠S □M	□U □NA	□NE			
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y	⊠N □NA	□NE			
		I					
GENERAL OPERATION AND MAINTENANCE		ØS		□NA			
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE EQUIPMENT:	⊠S □M	□U □NA	□NE				
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	ØS □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:	MENT PROPERLY	⊠S □M	□U □NA	□NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUENTIES DRIVESHAFTS, ETC.):	JIPMENT (BELTS, PULLEYS,	⊠S □M	□U □NA	□NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON 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 W	VET WELLS:	⊠S □M	□U □NA	□NE			
BACKUP POWER AND ALARMS		ØS		□NA			
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	ØS □M	□U □NA	□NE			
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT I	NFORMATION POSTED:	⊠S □M	□U □NA	□NE			
SCADA SYSTEM (LIST PARAMETERS MONITORED): Lev	el, voltage, pump run	ØY	□N □NA	□NE			
		•					

## Water Division Photographic Evidence Sheet Location: Paragould Light, Water & Cable Photographer: Sarah Frasher Date: 6/26/2017 Time: 9:23 Witness: Brent Walker Photo #: 1

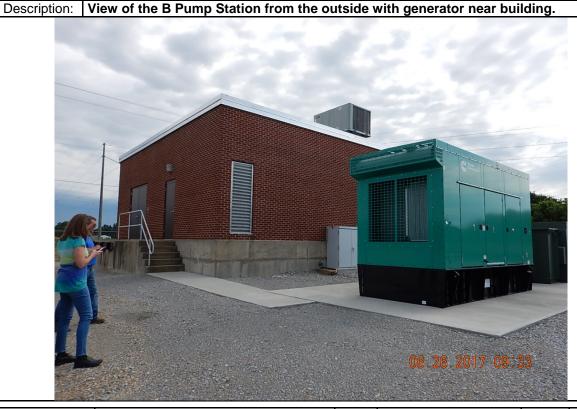


Photographer:Sarah FrasherDate:6/26/2017Time:9:24Witness:Brent WalkerPhoto #:2

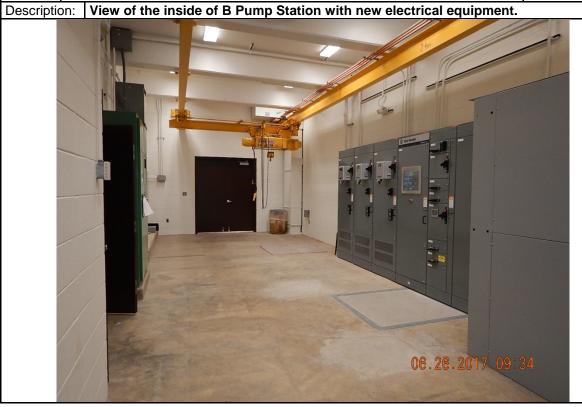


Inspection Report: Paragould Light, Water & Cable, AFIN: 28-00470, Permit #: AR0033766

				<u> </u>		<u> </u>		•		
Water Division Photographic Evidence Sheet										
Location:	Location: Paragould Light, Water & Cable									
Photograp	her:	Sarah Fras	sher			Date:	6/26/2017		Time:	9:33
Witness:	Vitness: Brent Walker F					Photo #:	3			
							141			



Photographer: Sarah Frasher	Date: 6/26/2017	Time:	9:34
Witness: Brent Walker		Photo #:	4



## Water Division Photographic Evidence Sheet Location: Paragould Light, Water & Cable Photographer: Sarah Frasher Date: 6/26/2017 Time: 9:41 Witness: Brent Walker Photo #: 5

Description: View of the wet well for B Pump Station.



Photographer:	Sarah Frasher	Date:	6/26/2017	Time:	9:50
Witness: Bren	t Walker			Photo #:	6

Description: View of the manhole near John Deere dealership on Hwy. 412. Note the sealant used to protect the manhole.

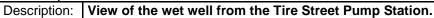


Inspection Report: Paragould Light, Water & Cable, AFIN: 28-00470, Permit #: AR0033766

Water Division Photographic Evidence Sheet								
Location:	Location: Paragould Light, Water & Cable							
Photograph	ner:	Sarah Frasher	Date:	6/26/2017	Time:	9:57		
Witness: E	Witness: Brent Walker Photo #:							



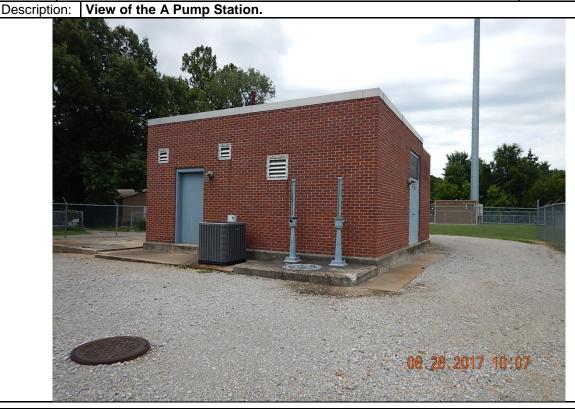
Photographer: Sarah Frasher Date: 6/26/2017 Time: 9:59
Witness: Brent Walker Photo #: 8



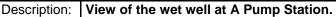


Inspection Report: Paragould Light, Water & Cable, AFIN: 28-00470, Permit #: AR0033766

## Water Division Photographic Evidence Sheet Location: Paragould Light, Water & Cable Photographer: Sarah Frasher Witness: Brent Walker Date: 6/26/2017 Time: 10:07 Photo #: 9



Photographer:Sarah FrasherDate:6/26/2017Time:10:10Witness:Brent WalkerPhoto #:10





Inspection Report: Paragould Light, Water & Cable, AFIN: 28-00470, Permit #: AR0033766

Water Division Photographic Evidence Sheet							
Location: Paragould Light, Water & Cable							
Photographer: Sarah Frasher Date: 6/26/2017 Time: 11:							
Witness:	Witness: Brent Walker Photo #: 1						
Descriptio		View of the grit chamber the se		erflow at the PLW	C WWTP. Not	e the	
Descriptio	11.	area has been recently cleaned	d				



Photographer:	Sarah Frasher	Date:	6/26/2017	Time:	11:20
Witness: Brent Walker			Photo #:	12	

Description: View of the culvert on the east side of the facility where the wastewater mixed with stormwater after the overflow. Note the area has been pumped and cleaned.

