	WATER DIVISION INSPECTION REPORT				N REPORT		
1	JULU		PERMIT #: AR0021 4			DATE: 6/25/2015	
	RKANSAS	COUNTY: 17 Cra	wford	PDS :	#: 085108	MEDIA: WN	
Dep	partment of Environmental Quality	GPS LAT: 35.443	LONG: -94.333 LO	CATIO	ON: General	Area	
	FACILITY INFORMAT	ION			TION INFOR	MATION	
	n Buren, City of WWTP - Main		1 - Municipal				
140 CITY:	01 Port Road		FACILITY EVALUATION RATING:			ON TYPE: Collection System	
	n Buren, AR		, ,	Y TIME:	EXIT TIME: 13:30	PERMIT EFFECTIVE DATE:	
	RESPONSIBLE OFFIC	CIAL	0/23/2013 03	6/25/2015 09:30 13:30 1/1/2015 PERMIT EXPIRATION DATE:			
	E / TITLE Eve Dufresne /					12/31/2019	
COMF	PANY:		FAYETTEVILLE S	FAYETTEVILLE SHALE RELATED: N			
	n Buren Municipal Utilities NG ADDRESS:		FAYETTEVILLE S	SHAL	E VIOLATIO	NS: N	
PO	Drawer 1269				TION PARTIC	CIPANTS	
	STATE, ZIP: n Buren AR 72956			NAME/TITLE/PHONE/FAX/EMAIL/ETC.: James Dunn, Chief Plant Operator, 479-474-5067			
PHON	NE & EXT: / FAX:		Kerri McCabe, In	Kerri McCabe, Inspector Supervisor, ADEQ			
479-474-5067 /							
	eve@vbmu.arcoxmail.com						
CC	INTACTED DURING INSPECTION:						
	(S=S		ALUATIONS satisfactory, N=Not Applicable/E	valuated))		
**	PERMIT	** FLOW MEAS		**	STORMWA	ATER	
**	RECORDS/REPORTS	** LABORATOR		**		SITE REVIEW	
**	OPERATION & MAINTENANCE		ECEIVING WATER	**		IITORING PROGRAM	
**	SAMPLING		IDLING/DISPOSAL	**	PRETREAT	ΓMENT	
S	OTHER: SSO/Collection System		OF FINDINGS				
No	violations noted during collectio		OF FINDINGS				
140	violations noted during conectio	n system mspecti	JII.				
			COMMENTS				
	spected this collection system w						
	spection included discussion of the	-				•	
	approximately 40 miles of collect		•				
	the system (the older portions of						
fed lines. There are eight (8) lift stations associated with the Van Buren Main WWTP. I conducted a spot check							
on four (4) of the lift stations.							
Specific details relative to individual lift stations are outlined on the checklists that follow.							
A small							
INSPECTOR'S SIGNATURE: Danniel			Gray			DATE: 7/8/2015	
INSPECTOR'S SIGNATURE: Dannielle Gray DATE: 7/8/2015 SUPERVISOR'S SIGNATURE: DATE: 7/8/2015							
SU	SUPERVISOR'S SIGNATURE: Kerri McCabe DATE: 7/8/2015						

COLLECTION SYSTEM INSPECTION AND OVERALL RATING	□S □M □U □NA □NE				
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM:					
Three force mains (ductile iron) on the southernmost portion of the system. Gravity fed/clay tile makes up the majority of the system piping. Eight lift stations and associated collection lines feed the Main WWTP.					
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COM					
industries and some minor residential flow.	IIIIERON LE CONTRECTION	<u>population annihown, 11</u>			
FEET OF SEWER SYSTEM: unknown (estimates 40 miles)					
AGE OF SYSTEM: Operator estimates that it was built in the	late 1960's or early 1970's	<u>.</u>			
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY	_	☑Y □N □NA □NE			
(EXPLAIN): Heavy I&I Van Buren is in the process of having					
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO A Call as needed; submit reports in accordance with permit required.		☑Y □N □NA □NE			
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	<u>quirements.</u>	ØY ON ONA ONE			
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE	E AND LOCATION OF	□Y ☑N □NA □NE			
EACH):	E AND LOCATION OF				
PUMP STATIONS		□S □M □U □NA □NE			
NUMBER OF PUMP STATIONS IN SYSTEM: 8	JMBER WITH BACKUP PO	WER:_ 2			
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED	D: Annual inspection				
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes, but not kept at plant. Records were not available for review.					
ADEQUATE INVENTORY OF SPARE PARTS: <u>yes</u>					
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): SCADA					
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <u>Operators are on call 24/7</u> . <u>Auto-start generator is onsite for power failure</u> .					
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 4					
SATELLITE SYSTEMS		□S □M □U ☑NA □NE			
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>no</u>					
TYPE(S) OF WASTE WATER RECEIVED:_ □RESIDENTIAL □COMMERCIAL □INDUSTRIAL □OTHER:					
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: N/A					
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: N/A					
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: N/A					

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: City Park Lift Station – 35.450783;-94.343767			
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	AL OTHER:		
NUMBER OF PUMPS:_2			
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		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 EQUIF INSTALLED AND MAINTAINED:	⊠S □M □U □NA □NE		
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIDRIVESHAFTS, ETC.):	⊠S □M □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 MAINTAINED TO PREVENT LEAKS:		☑S □M □U □NA □NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	☑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	☑S □M □U □NA □NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):	☑Y □N □NA □NE		
COMMENTS: Generator hookups for portable generator if needed.			

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: Terry & Todd Lift Station – 35.429850;-94.315983				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL COMMERCIAL DINDUSTRIAL COTHER:				
NUMBER OF PUMPS: 2				
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		☑S □M □U □NA □NE		
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		□Y ØN □NA □NE		
GENERAL OPERATION AND MAINTENANCE		ØS □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:	⊠S □M □U □NA □NE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPINSTALLED AND MAINTAINED:	⊠S □M □U □NA □NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):		⊠S □M □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 MAINTAINED TO PREVENT LEAKS:		☑S □M □U □NA □NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	☑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: None		□S □M □U □NA □NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):	⊠Y □N □NA □NE			
COMMENTS: Generator hookups for portable generator if needed.				

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: S 28 th Street Lift Station – 35.428967;-94.329600				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL COMMERCIAL MINDUSTRIAL COTHER:				
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 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:	⊠S □M □U □NA □NE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPINSTALLED AND MAINTAINED:	⊠S □M □U □NA □NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):		⊠S □M □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 MAINTAINED TO PREVENT LEAKS:		☑S □M □U □NA □NE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	☑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: none		□S □M □U □NA □NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):	⊠Y □N □NA □NE			
COMMENTS: Onsite diesel generator available for backup power.				

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: 59S Lift Station – 35.411017;-94.330867			
TYPE(S) OF WASTE WATER RECEIVED: □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 ØN □NA □NE	
GENERAL OPERATION AND MAINTENANCE		⊠S □M □U □NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		⊠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 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.):		☑S □M □U □NA □NE	
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	NDENSATION AND/OR	☑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:	☑S □M □U □NA □NE	
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:		☑S □M □U □NA □NE	
BACKUP POWER AND ALARMS		□S ØM □U □NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T		ØS □M □U □NA □NE	
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED: Could not set alarm off manually to verify functionality.		□S □M ☑U □NA □NE	
SCADA SYSTEM (LIST PARAMETERS MONITORED):		□Y ØN □NA □NE	
COMMENTS: Generator hookups for portable generator if needed.			



Inspection Report: Van Buren, City of WWTP - Main, AFIN: 17-00062, Permit #: AR0021482



Figure 1: Google Earth image dated Oct 5, 2013 showing lift stations inspected in relation to Van Buren Main WWTP.

