Inspection Report: Mena Wastewater Plant, AFIN: 57-00423, Permit #: AR0036692

ADEQ		WATER DIVISION INSPECTION REPORT						
		AFIN: 57-00423 PER		ERMIT #: AR0036692			[DATE: 4/25/2016
A	R K A N S A S	СС	OUNTY: 57 Polk		PDS	#: 090	884	MEDIA: WN
	partment of Environmental Quality	GF	PS LAT: LO	ONG: LOC	ATIC	N: *****	****	
FACILITY INFORMATIO			ON INSPECTION INFORMATION				MATION	
NAME: Mena Wastewater Plant LOCATION:				FACILITY TYPE:INSPECTOR ID#:1 - Municipal84022 S - State				
323 Polk 53							INSPECTION	ON TYPE: Collection System
CITY: Me	na, AR			DATE(S): ENTRY TIME: EXIT TIME: 4/25/2016 13:00 14:00				PERMIT EFFECTIVE DATE:
NAME		CIAL	-	4/23/2010		14.	00	3/1/2012 PERMIT EXPIRATION DATE: 2/28/2017
Lai	rry Gross / Maintenance Supervi	sor						
	y of Mena			FAYETTEVILLE SHALE RELATED: N				
	NG ADDRESS:			FAYETTEVILLE				
	B Polk 53			NAME/TITLE/PHONE/FAX/EMAIL		TION F	PARTIC	IPANTS
	state, zip: na AR 71953			Larry Gross/Ma		ance S	upervi	sor/City of
	E & EXT: / FAX:			Mena/(479) 216-	1255			
4/S)-216-1255 /							
CC	NTACTED DURING INSPECTION	Ye						
	(5-5	atisfar		LUATIONS isfactory, N=Not Applicable/	valuat)		
S	PERMIT	N	FLOW MEASUR		N		RMWA	TER
S	RECORDS/REPORTS	Ν	LABORATORY		S			
S	OPERATION & MAINTENANCE	Ν		EFFLUENT/RECEIVING WATER				ITORING PROGRAM
N **	SAMPLING	N SLUDGE HANDI		LING/DISPOSAL	N	PRE	TREAT	MENT
	OTHER: SSO/Collection System		SUMMARY	OF FINDINGS				
No	violations were noted during the	ins						
	..		-					
		_		COMMENTS				
	Monday, April 25, 2016 an inspec							
	City of Mena's collection system		-			sments	of two	of the City's lift
sta	tions and a review of online reco	ras	for Sanitary Sew	er Overflows (55	US).			
Lift stations visited were found to be in working order with no evidence of recent SSOs. The City uses BK								
Environmental for pump repairs/rebuilds, and Aleshire Electric (479-243-2053) for electrical issues. It should								
be noted that the City of Mena is not responsible for private service lines and will only address issues								
associated with the collection system's mains (street to main).								
An online SSO review indicates that fifty-six (56) SSOs were reported for 2014 – present by the City. 2014 = 4,								
2015 = 47 (three bypasses of the WWTP), and 2016 = 5 (to date). City reports that sections of lines are								
	pected via camera on a yearly ba					-		•
	available. About 800-2000 feet of line are slated for repairs yearly. City experiences excessive I&I, which							
makes it impossible to retain/treat all the wastewater directed to the plant (plant has no EQ basin). This results								

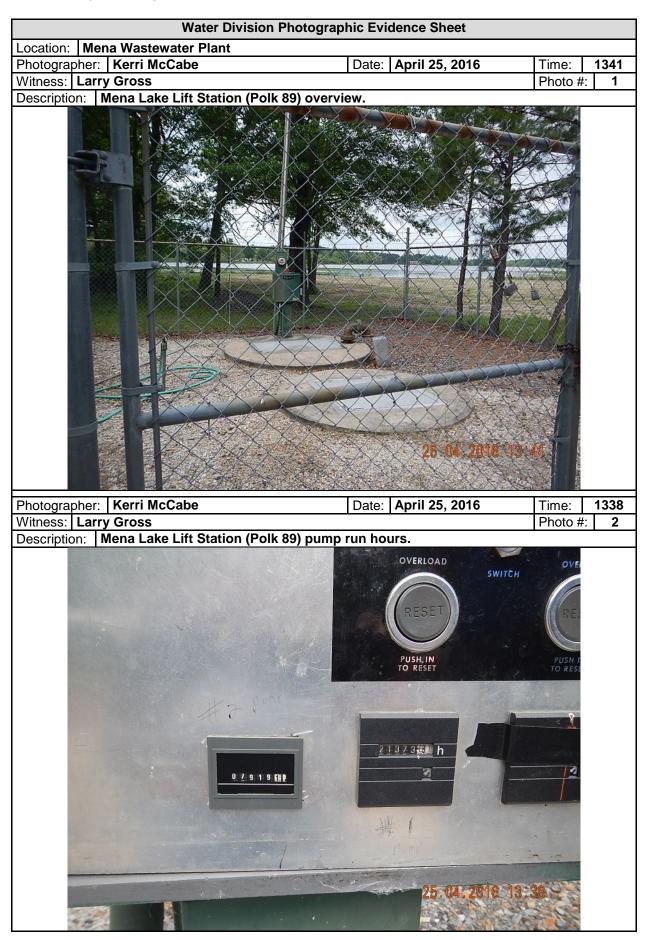
in bypasses of partially/inadequately treated wastewater from Lagoon #2 directly to the receiving stream. City needs to address excessive I&I.

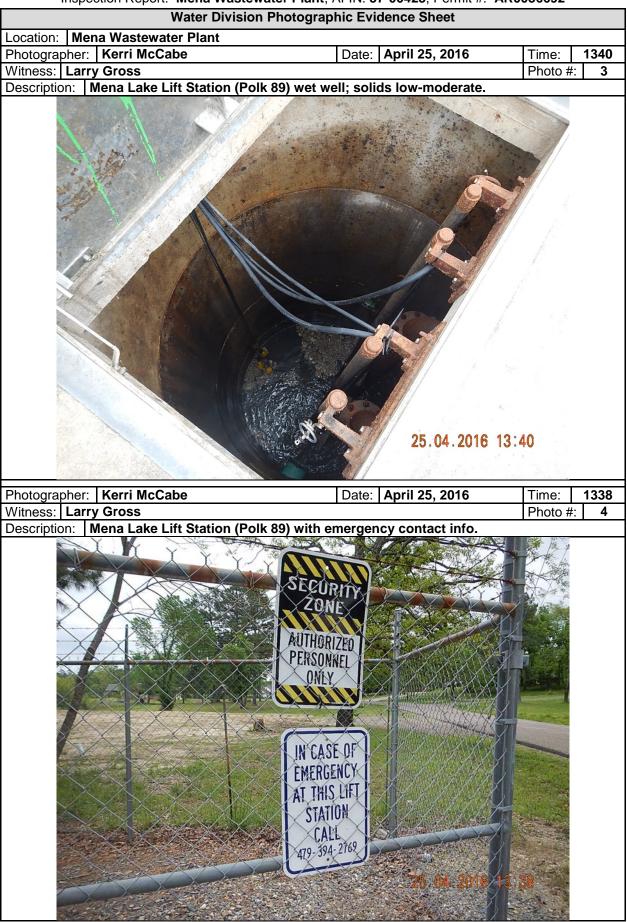
Kerri M'S Calie				
INSPECTOR'S SIGNATURE:Kerri McCabe	DATE: 5/23/2016			
Jan Rellinbarg				
SUPERVISOR'S SIGNATURE: Jason Bolenbaugh	DATE: 5/23/2016			

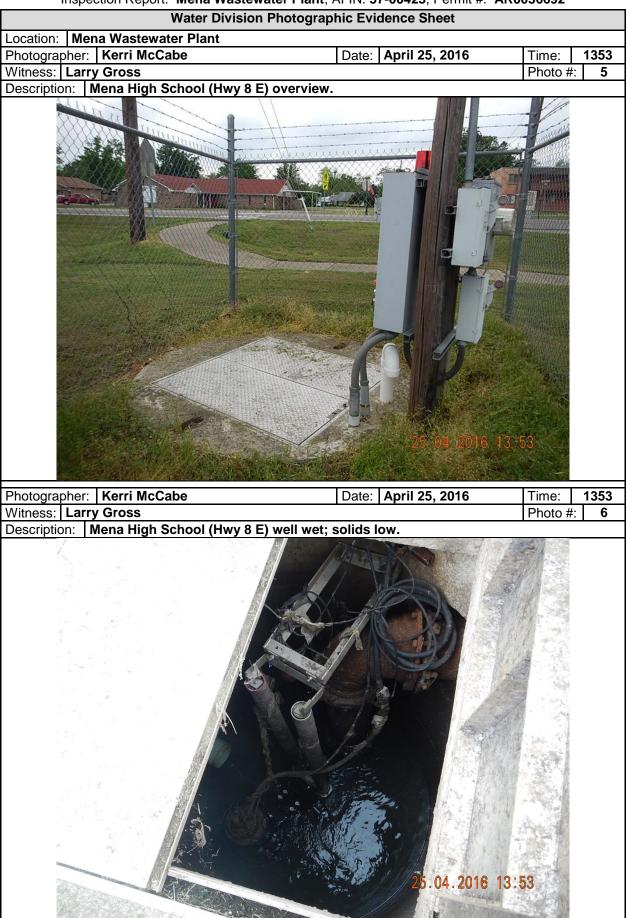
inspection report. Mena Wastewater Flant, Ar IN. 37-00423, Femilit #. Artous0032					
COLLECTION SYSTEM INSPECTION AND OVERALL RAT	ING	⊡S ⊠M			
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM:					
Gravity to lift stations with force and gravity to mains and		- 2600: com	morcial and		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: 2600; commercial and industrial connections					
FEET OF SEWER SYSTEM: 18 miles					
AGE OF SYSTEM: 70-80 years					
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING D	ØΥ				
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS					
Currently submit a monthly report; new permit will require ARE ALL SSOs REPORTED REGARDLESS OF SIZE: Som					
SSOs.	e bypasses submitted as				
HAVE SSOS REACHED "WATERS OF THE STATE" (LIST D	ØY				
EACH): City has reported 56 SSOs from 2014 to present.					
PUMP STATIONS		⊠S ⊡M			
NUMBER OF PUMP STATIONS IN SYSTEM: Four (4) and one (1) at WWTP	NUMBER WITH BACKUP PO station at WWTP	WER: <u>One (</u>	<u>1); main lift</u>		
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Daily					
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: Yes					
ADEQUATE INVENTORY OF SPARE PARTS: Yes; contracted electrician					
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): No					
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Cone off area, call in SSO, hydro-wash, and lime area.					
NUMBER OF PUMP STATIONS VISITED DURING INSPEC	TION (SEE ATTACHED CHECI	KLISTS FOR	EACH): <u>Two</u>		
SATELLITE SYSTEMS		⊡S ⊡M	□U ØNA □NE		
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM	I SATELLITE SYSTEMS: <u>No</u>				
TYPE(S) OF WASTE WATER RECEIVED: DRESIDENTIAL COMMERCIAL DINDUSTRIAL 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	ØS OM OU ONA			
NAME AND/OR LOCATION OF PUMP STATION: Mena Lake (Polk 89) at 34.583099, -94.202992				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL DOTHER:			
NUMBER OF PUMPS: Two (2)	<u>o (2)</u>			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS OM OU ONA ONE		
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:		⊡Y ØN ⊡NA ⊡NE		
GENERAL OPERATION AND MAINTENANCE		ØS OM OU ONA		
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:	ØS OM OU ONA ONE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM OU ONA ONE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.): <u>Submerged pumps</u>	ØS OM OU ONA ONE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES: <u>Outside</u>	ØS OM OU ONA ONE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE: <u>Outside</u>	ØS OM OU ONA ONE		
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS OM OU ONA ONE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS: Low-moderate	ØS OM OU ONA ONE		
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T portable generator, and vac-truck	RANSFER PUMP: <u>Hook-ups,</u>	ØS OM OU ONA ONE		
AUDIBLE/ VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED): Nor	<u>ne</u>	⊡Y ØN ⊡NA ⊡NE		

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)				
GENERAL INFORMATION AND OVERALL EVALUATION	ØS OM OU ONA			
NAME AND/OR LOCATION OF PUMP STATION: Mena High School (Hwy 8 E) at 34.582872, -94.222387				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL DOTHER:			
NUMBER OF PUMPS: One (1)	e (1)			
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:		ØS OM OU ONA ONE		
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	⊡Y ØN ⊡NA ⊡NE			
GENERAL OPERATION AND MAINTENANCE		ØS OM OU ONA		
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:	ØS OM OU ONA ONE			
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVE ACCESS AND/OR TAMPERING:	ØS OM OU ONA ONE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:	ØS OM OU ONA ONE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIF INSTALLED AND MAINTAINED:	ØS OM OU ONA ONE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQU DRIVESHAFTS, ETC.): <u>Submerged pump</u>	ØS OM OU ONA ONE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES: <u>Outside</u>	ØS OM OU ONA ONE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	ØS OM OU ONA ONE			
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	ØS OM OU ONA ONE		
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	ØS OM OU ONA ONE			
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T portable generator, and vac-truck	RANSFER PUMP: <u>Hook-ups.</u>	ØS OM OU ONA ONE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):	□Y □N ☑NA □NE			







Inspection Report: Mena Wastewater Plant, AFIN: 57-00423, Permit #: AR0036692 Figure 1. Google Earth imaged dated Nov 6, 2014 of lift stations visited during inspection.

