<b>WATER DIVISION INSPECTION REPORT</b>						REPORT
AUEU		AFIN: 14-00059 PE				DATE: 11/25/2019
_	R K A N S A S	COUNTY: 14 Colum	nbia F	PDS #: <b>110</b> 4	499	MEDIA: WN
Dep	partment of Environmental Quality	GPS LAT: 33.26660	3 LONG: -93.2651	03 LOCAT	ION: Er	ntrance
FACILITY INFORMATION			INSPECTION INFORMATION			
Cit	y of Magnolia - Big Creek Wastew	vater Treatment	FACILITY TYPE: INSPECTOR ID#: <b>1 - Municipal 101531 S - State</b>			
Pla	Int TION:	FACILITY EVALUATION RATIN				
	Columbia Road 300	·	5 - Satisfactory			Collection System
сіту: Ма	gnolia, AR 71753		( )	:00 14:		PERMIT EFFECTIVE DATE: 2/1/2019
	RESPONSIBLE OFFIC	CIAL				PERMIT EXPIRATION DATE: 1/31/2024
	rnell Vann / Mayor					1/0 1/2024
COM	PANY:		FAYETTEVILLE SHALE RELATED: N			
	y of Magnolia		FAYETTEVILLE SHALE VIOLATIONS: N			
Ρ.0	D. Box 666					
- /	state, zip: gnolia AR 71754		Russell Thomas/Superintendent/870-234-1375			
PHON	IE & EXT: / FAX:		Tracie Love/Operator/870-234-1375 Brittanie Gloyd/ADEQ D7 Water Inspector			
EMAI			Brittanie Gloya/F			speciol
pa	rnellvan2010@yahoo.com INTACTED DURING INSPECTION:	No				
	INTACTED DORING INSPECTION.	AREA EVA				
-		atisfactory, M=Marginal, U=Unsati	sfactory, N=Not Applicable/Ev			
S **	PERMIT RECORDS/REPORTS	** FLOW MEASUR	REMENT			TER ITE REVIEW
**	OPERATION & MAINTENANCE		EIVING WATER			TORING PROGRAM
**	SAMPLING		LING/DISPOSAL		TREAT	
S	OTHER: SSO/Collections System			1 1		
		SUMMARY O	F FINDINGS			
No	violations observed at time of ins	spection.				
		GENERAL C	OMMENTS			
Th	e City of Magnolia is a gravity fed	l collection system w	vith a total of twelv	/e lift statio	ons. Lif	t stations are
	pected daily and records are kep					
	onitoring equipment on any lift sta			-	-	
lift stations can be ran using a portable generator. During the inspection, I visited the 79-B lift station (see						
Photos 1-2), the Partee Lift Station (see Photos 3-6), and the Big Creek Lift Station (see Photos 7-10). All lift						
stations visited have emergency contact information, working alarms, working pumps, and no issues with the wet well.						
M. Mag						
INS	SPECTOR'S SIGNATURE:	Michael You	ung			DATE: 12/16/2019
	K	vri MS Cal				
SU	INSPECTOR'S SIGNATURE: Michael Young DATE: 12/16/2   SUPERVISOR'S SIGNATURE: Kerri McCabe DATE: 12/30/2					

COLLECTION SYSTEM INSPECTION AND OVERALL RATING	ØS OM OU ONA ONE					
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Gravity fed > twelve lift stations > Big Creek lift station > Big Creek WWTP						
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: 11,500						
FEET OF SEWER SYSTEM: Unknown						
AGE OF SYSTEM: Installed in 1950's						
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN):	ØY 🗆 N 🗆 NA 🗆 NE					
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE):	ØY □N □NA □NE					
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:	ØY ON ONA ONE					
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH):						
PUMP STATIONS	ØS OM OU ONA ONE					
NUMBER OF PUMP STATIONS IN SYSTEM: <u>12</u> NUMBER WITH BACKUP PO	WER: <u>12</u>					
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: 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): <u>None</u>						
BRIEF SUMMARY OF EMERGENCY PROCEDURES: Emergency contact, call generator; call pumper.						
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 3						
SATELLITE SYSTEMS	⊡S ⊡M ⊡U ⊠NA ⊡NE					
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: No						
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: 79-B				
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL	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 ØN ⊡NA ⊡NE			
GENERAL OPERATION AND MAINTENANCE		ØS 🗆 M 🗇 U 🗆 NA		
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 □M □U □NA □NE			
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.) :	ØS OM OU ONA ONE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	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	VET WELLS:	ØS OM OU ONA ONE		
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	⊠S ⊡M ⊡U ⊡NA ⊡NE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	INFORMATION POSTED:	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):		⊡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: Partee Lift Station				
TYPE(S) OF WASTE WATER RECEIVED: ØRESIDENTIAL		AL OTHER:		
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: 2			
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		⊠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:	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.) :		ØS OM OU ONA ONE		
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CON GASES AND FUMES:	NDENSATION AND/OR	ØS OM OU ONA ONE		
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	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:	⊠S □M □U □NA □NE		
BACKUP POWER AND ALARMS		ØS 🗆 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:	ØS OM OU ONA ONE		
SCADA SYSTEM (LIST PARAMETERS MONITORED):		⊡Y ⊡N ⊠NA ⊡NE		

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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: Big Creek Lift Station (main lift station)				
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	AL DOTHER:			
NUMBER OF PUMPS: <u>3</u>	NUMBER OPERATIONAL: 3			
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 □M □U □NA □NE			
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.) :	ØS OM OU ONA ONE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COI GASES AND FUMES:	ØS OM OU ONA ONE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	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:	⊠S □M □U □NA □NE		
BACKUP POWER AND ALARMS		ØS OM OU ONA		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	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		



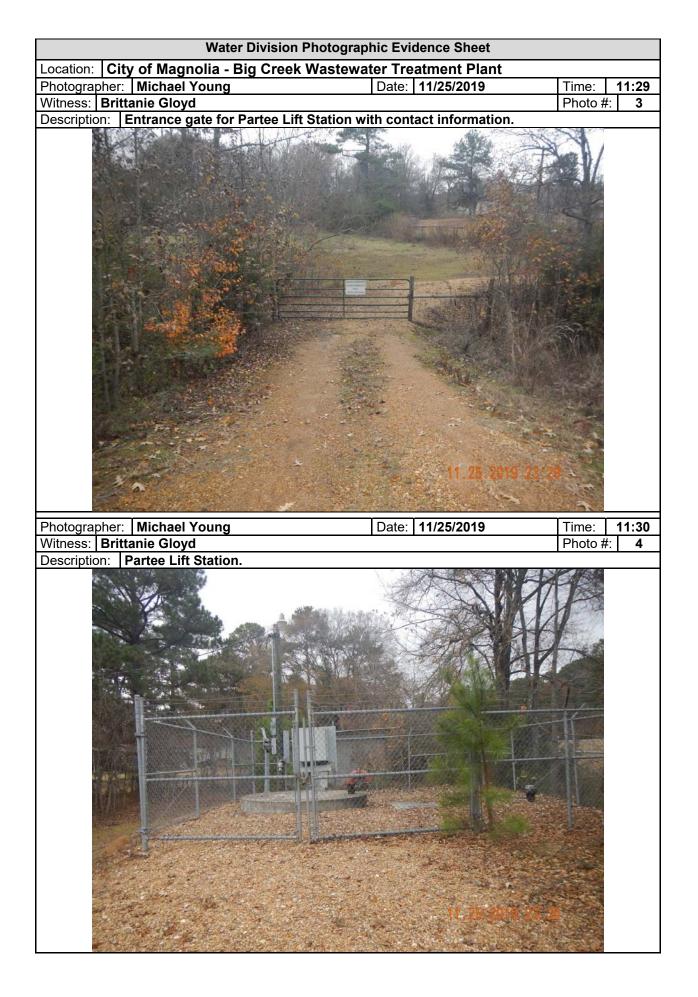
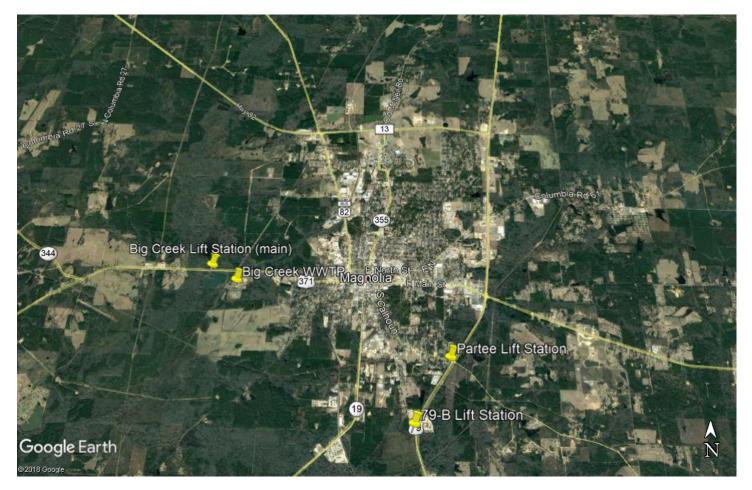








Figure 1. Overview of the City of Magnolia and the locations of lift stations visited.



## CITY OF MAGNOLIA WASTEWATER SYSTEM P.O. BOX 666 MAGNOLIA, ARKANSAS 71754-066 (870) 234-2955 mwws@sbcglobal.net Permit No. 5279-W

NPDES Permit No. AR0043613 January 13, 2020 AFIN: 1400059

Office of Water Quality Compliance Branch ADEQ 5301 Northshore Drive. North Little Rock, Arkansas 72118-5317

RE: Response to inspection findings, City of Magnolia Big-Creek Treatment Plant. Permit No. AR0043613 And permit 5279-W. AFIN; 14-0059.

Dear Sir,

As instructed, I am submitting a written response to each violation that has been noted in the "Summary of Findings" in the inspection report of November 15, 2019.

## Permit No. AR0043613

Summary of Findings; "Composite samples for WET testing and effluent monitoring are not being collected as a flow –weighted composite".

RESPONSE; As soon as we purchase a new sampler and have it set up to take a flow weighted composite samples we will forward the needed documentation to your office.

Permit No. 5279-W

Summary of Findings; This facility has not submitted an annual report for years 2017 and 2018.

RESPONSE; this was due to my oversight. There has not been, nor will be any applications of bio-solids to this permit site. The City of Magnolia –Magnolia Wastewater decided to contract the removal and disposal of its bio-solids from our equalization pond to DRT Biosolids from Bloomer Wisconsin. This site was inspected by ADEQ field inspectors Michael Young and Brittanie Gloyd to verify no-discharge. I will submit the same information to the office of Water Quality, No – discharge section as specified in the permit.

If you have any questions, feel free in contacting me at 870-234-2955

Thank you,

Russell Thomas, Superintendent City of Magnolia-Big Creek WWTP

## MAGNOLIA WASTEWATER SYSTEM

P.O. Box 666 Magnolia, Arkansas 71754-0666



ALITTIE ROXEN ARE 722 29 JAN 2020 FHIGL

Office of Water Quality Compliance Branch ADEQ 5301 Northshore Drive. North Little Rock, Arkansas 72118-5317

72118-531799

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