

July 18, 2011

Ms. Catherine Yeager, Plant Superintendent City of Harrison Wastewater Treatment Facility P.O. Box 1715 Harrison, AR 72602

RE: Sanitary Sewer Overflow Inspection

AFIN: 05-00054; NPDES Permit No. AR0034321

Dear Ms. Yeager:

On June 30, 2011, I performed a Sanitary Sewer Overflow Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection did not reveal any violations.

If I can be of any assistance, please contact me at (870) 446-6170 or by e-mail at Kirkpatrick@adeq.state.ar.us.

Sincerely,

Bruce Kirkpatrick

District 2 Field Inspector

Buc Hebelit

Water Division

cc: Water Division Enforcement Branch

Water Division Permits Branch

						Form Approved												
≎ EPA						OMB No. 2040-0003												
	UNITED STATES ENVIRONMENTAL PROTECTION AGENCY																	
	NPDE	S C	Com			, D.C. 204 e In		ecti	on	ı F	Report							
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							Section	on B:	Facili	ity l								
incli	ne and Location of Facility Inspected and POTW name and NPDES permit	numi	ber)	ial users	s disch	harging	g to PC	TW, a	lso		Entry Time/Da 1049 / June 3					Permit Effective Date October 1, 2007		
1508	of Harrison Wastewater Treatme 8 Silver Valley Road rison, Arkansas Sec			R20W	in Bo	one C	ountv					Exit Time/Date 1424 / June 30, 2011				Permit Expiration Date September 30, 2012		
Nan	ne(s) of On-Site Representative(s)/T	itle(s)	/Phone	and Fax											Oth	ner Facility Data		
	Mike Crow / Plant Foreman / Pho Catherine Yeager / Wastewater S				ne: 87	70-741	-5527											
	ne, Address of Responsible Official/ Catherine Yeager / Wastewater S						-5527				_							
City	of Harrison	ирст	nunuci	it / I iioi	iic. 07	0-7-11	-5521					ntacted	_					
P.O. Box 1715 Harrison, AR 72602 Yes No																		
			(S	= Satisfa							ring Inspection		uated)	<u> </u>			
S	Permit	N	Flow	Measur	emen	ıt			5	Оре	erations & Mai	ntenar	ıce		N	Sampling		
S	Records/Reports	N	Self-N	Aonitor	ing P	rograr	n]	1	Slu	dge Handling/I	Disposa	al		N	Pollution Prevention		
S	Facility Site Review	N	Comp	oliance S	Sched	lules		-	_	Pre	treatment				N	Multimedia		
N	Effluent/Receiving Waters	N		ratory		er: ı					rm Water	1 4	••		S	Other: SSO		
		Se	ction D	: Summ	ary o	1 Find	ings/C	omm	ents (Att	ach additional	sheets	if ne	cessar	y)			
for Ma an and	A sanitary sewer overflow inspection was performed on 6-30-2011. The City's six lift stations were all inspected. Records related to collection system overflows for the past 12 months were reviewed. Based on the information gathered, the City did experience overflows during extreme flooding from 21 inches of rainfall in March 2011. Overflows were reported and remediated. Based on the information gathered during this inspection, it appears that the City of Harrison is doing an excellent job of collection system maintenance, line replacement, system monitoring, and emergency response. City has its own camera van and flush truck and has an extensive line replacement program. All lift stations have dialers which provide alerts to 24/7 personnel for power outage and high wet-well liquid level. The Main Lift Station has a fixed power generator. The facility has a portable generator capable of powering the remainder of the lift stations.																	
Name(s) and Signature(s) of Inspector(s) Agency/Office/Telephone/Fax AR Dept. of Environmental Quality-Jasper					Date													
Bru	ce Kirkpatrick One Hipihit	<u>'</u>					•				/ FAX# (870) 4		1			July 1, 2011		
Sign	Signature of Reviewer Agency/Office/Phone and Fax Numbers Date																	

	ADEQ Water NPDES Inspection	AFIN: 05-00054		Permit #: AR00	34321				
COLL	ECTION SYSTEM INSP	PECTION AND OVER	RALL RATING		Øs	□м	□u	□NA	□NE
_	DE A BRIEF DESCRIPTION perates a system of about 1			oles and 6 lif	t stati	ions			
	ATION SERVED/NUMBER						139		
FEET (OF SEWER SYSTEM: 170 r	niles							
AGE O	F SYSTEM: Sewer dates b a	ack to 1920's.							
(EXPLA						ØY	□N	□NA	□NE
	RE A SYSTEM IN PLACE F ADEQ is notified by phone				1	₫Y	□N	□NA	□NE
ARE AI	LL SSOs REPORTED REGA	ARDLESS OF SIZE:				ØY	□N	□NA	□NE
HAVE	SSOs REACHED "WATERS	OF THE U.S." (LIST DAT	TE AND LOCATION	N OF EACH):		₫Y	□N	□NA	□NE
	Several SSOs occurred during the March 2011 floods where 21 inches of rainfall were recorded. All were reported. Details on file with ADEQ in North Little Rock.								
PUMP	STATIONS				Øs	□м	□u	□NA	□NE
NUMB	ER OF PUMP STATIONS IN	SYSTEM: <u>6</u>	NUMBER WITH	BACKUP PO	WER:	6			
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Inspected routinely M/W/F - monitored 24/7									
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>yes</u>									
ADEQU	ADEQUATE INVENTORY OF SPARE PARTS: <u>yes</u>								
TYPE (TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): SCADA								
BRIEF SUMMARY OF EMERGENCY PROCEDURES: back-up generators / pump truck / repair-replace as needed									
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): $\underline{6}$									
SATE	LLITE SYSTEMS				□s	□м	□u	ØNA	□NE
DOES	THE COLLECTION SYSTEM	A RECEIVE FLOW FROM	I SATELLITE SYS	TEMS: <u>no</u>					
TYPE(TYPE(S) OF WASTE WATER RECEIVED:_ □RESIDENTIAL □COMMERCIAL □INDUSTRIAL □OTHER:								

NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM:

BRIEFLY DESCRIBE THE SATELLITE SYSTEM:

ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM:

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	⊠S □M □U □	ANC			
NAME AND/OR LOCATION OF PUMP STATION: Main					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	☑COMMERCIAL ☑INDUSTRIA	AL Ø 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		ØS □M □U □	ANC		
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAG EQUIPMENT:	E OF UNRELATED	ØS □M □U □NA I	□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:	ØS □M □U □NA [□NE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS □M □U □NA I	□NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIDRIVESHAFTS, ETC.):	ØS □M □U □NA [□NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE COL GASES AND FUMES:	ØS □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 V	VET WELLS:	☑S □M □U □NA [□NE		
BACKUP POWER AND ALARMS		⊠S □M □U □	ANC		
PROVISIONS FOR GENERATOR AND/OR EMERGENCY T	RANSFER PUMP:	☑S □M □U □NA [□NE		
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT	NFORMATION POSTED:	☑S □M □U □NA [□NE		
SCADA SYSTEM (LIST PARAMETERS MONITORED): pov	ver/ high liquid level	ØY □N □NA [□NE		

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	☑S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Coy Stre	<u>et</u>				
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	. □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 ☑N □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 PREVE ACCESS AND/OR TAMPERING:	ENT UNAUTHORIZED	ØS DM DU DNA DNE			
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED PROTECTED:), GRATED OR OTHERWISE	☑S □M □U □NA □NE			
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	PMENT PROPERLY	☑S □M □U □NA □NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.):	UIPMENT (BELTS, PULLEYS,	ØS □M □U □NA □NE			
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO	NDENSATION AND/OR	☑S □M □U □NA □NE			
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAIN	TENANCE:	ØS DM DU DNA DNE			
SEALS, VALVES AND PACKING ADEQUATELY MAINTAIN	ED TO PREVENT LEAKS:	☑S □M □U □NA □NE			
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN V	VET WELLS:	ØS □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:	ØS OM OU ONA ONE			
SCADA SYSTEM (LIST PARAMETERS MONITORED): pov	ver/ high liquid level	☑Y □N □NA □NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	⊠S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Meyers					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	AL OTHER:				
NUMBER OF PUMPS: <u>3</u>	NUMBER OPERATIONAL: 3				
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		⊠S □M □U □NA			
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		⊠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:	ØS □M □U □NA □NE				
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIP INSTALLED AND MAINTAINED:	ØS □M □U □NA □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.) :	⊠S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO	⊠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 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	INFORMATION POSTED:	☑S □M □U □NA □NE			
SCADA SYSTEM (LIST PARAMETERS MONITORED): <u>pov</u>	ver/ high liquid level	☑Y □N □NA □NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	☑S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Forrest Heights					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	□COMMERCIAL □INDUSTRIA	AL Ø 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 ☑N □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 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:		⊠S □M □U □NA □NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.):	☑S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	☑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 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	INFORMATION POSTED:	☑S □M □U □NA □NE			
SCADA SYSTEM (LIST PARAMETERS MONITORED): pov	ver/ high liquid level	☑Y □N □NA □NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	☑S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Wellington					
TYPE(S) OF WASTE WATER RECEIVED: MRESIDENTIAL	□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:		ØY □N □NA □NE			
GENERAL OPERATION AND MAINTENANCE		☑S □M □U □NA			
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGEQUIPMENT:		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 EQUIP INSTALLED AND MAINTAINED:	PMENT PROPERLY	☑S □M □U □NA □NE			
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQ DRIVESHAFTS, ETC.):	☑S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CO GASES AND FUMES:	☑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 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	INFORMATION POSTED:	☑S □M □U □NA □NE			
SCADA SYSTEM (LIST PARAMETERS MONITORED): pov	ver/ high liquid level	☑Y □N □NA □NE			

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)					
GENERAL INFORMATION AND OVERALL EVAL	□S □M □U □NA				
NAME AND/OR LOCATION OF PUMP STATION: Brewer Street					
TYPE(S) OF WASTE WATER RECEIVED: ZRESIDENTIAL	□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 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:	⊠S □M □U □NA □NE				
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUENCESHAFTS, ETC.):	⊠S □M □U □NA □NE				
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONGASES AND FUMES:	⊠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 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	☑S □M □U □NA □NE				
SCADA SYSTEM (LIST PARAMETERS MONITORED): pow	ver/ high liquid level	☑Y □N □NA □NE			