 ENVIRONMENTAL QUALITY	OFFICE OF WATER QUALITY				
	INSPECTION REPORT				
	AFIN: 26-00145	PERMIT #: AR0033880	DATE: 4/27/2023		
	COUNTY: 26 Garland	PDS #: 125868	MEDIA: WN		
GPS LAT: 34.450316 LONG: -93.019033 LOCATION: General Area					
FACILITY INFORMATION		INSPECTION INFORMATION			
NAME: Davidson & Southwest Collection System LOCATION: 320 Davidson Drive CITY: Hot Springs, AR 71901		FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 34689 S - State FACILITY EVALUATION RATING: 1 - Unsatisfactory INSPECTION TYPE: SSO/Collection System			
RESPONSIBLE OFFICIAL		DATE(S): 4/27/2023 ENTRY TIME: 09:50 EXIT TIME: 14:10 PERMIT EFFECTIVE DATE: 9/1/2018 PERMIT EXPIRATION DATE: 8/31/2023			
NAME / TITLE: Mr. Monty Ledbetter / Utilities Director COMPANY: City of Hot Springs Davidson WWTP MAILING ADDRESS: 320 Davidson Drive CITY, STATE, ZIP: Hot Springs AR 71901 PHONE & EXT. / FAX: 501-262-1125 / 501-262-0339 EMAIL: mledbetter@cityhs.net hmauldin@cityhs.net dburon@cityhs.net		FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N			
CONTACTED DURING INSPECTION: No		INSPECTION PARTICIPANTS			
		NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Danny Burton/ Collections Manager			
AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
N	PERMIT	N	FLOW MEASUREMENT	N	STORMWATER
N	RECORDS/REPORTS	N	LABORATORY	N	FACILITY SITE REVIEW
N	OPERATION & MAINTENANCE	N	EFFLUENT/RECEIVING WATER	N	SELF-MONITORING PROGRAM
N	SAMPLING	N	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT
M	OTHER: Lift Stations				
SUMMARY OF FINDINGS					
<p>1. At the time of inspection, the 70W #9 lift station had a pump out, the Gulpha lift station had a pump motor out for repair, and grease was observed in the wet wells at 70W #9, Moore Road, and Winkler lift stations. These issues require maintenance and are violations of Part III.B.1.A of the permit. In addition, there was an on-going SSO at two manholes adjacent to the Gulpha lift station. The city had reported these SSO.</p>					


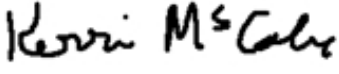
GENERAL COMMENTS

Introduction

I inspected five lift stations on April 27, 2023 as part of a CEI conducted at the Davidson WWTP. Mr. Danny Burton, Collections Manager, represented the city during the lift station inspections. The City of Hot Springs operates a collection system with 84 lift stations and over 3,000 grinder pumps, with wastewater received for the Davidson and the Southwest WWTPs.

Lift Station Inspections

I inspected each lift station, assessing station security, pump operability, presence of recent high levels or grease inside the wet wells, and recent or on-going SSO. Mr. Burton escorted me to each lift station. He demonstrated pump and alarm system operability at each station. Mr. Burton also opened each wet well hatch for inspection. See "Summary of Findings" for issues noted during the inspection.

INSPECTOR'S SIGNATURE: 	Travis Harmon	DATE: 5/5/2023
SUPERVISOR'S SIGNATURE: 	Kerri McCabe	DATE: 5/12/2023

COLLECTION SYSTEM INSPECTION AND OVERALL RATING		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
PROVIDE A BRIEF DESCRIPTION OF THE COLLECTION SYSTEM: Domestic, Commercial, & Industrial. Clay/PVC and force mains		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: 23,000		
FEET OF SEWER SYSTEM: 2.2 million feet		
AGE OF SYSTEM: > 50 years		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN): I&I		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
IS THERE A SYSTEM IN PLACE FOR REPORTING SSOS TO ADEQ (DESCRIBE): Online reporting via ADEQ website		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
ARE ALL SSOs REPORTED REGARDLESS OF SIZE:		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
HAVE SSOs REACHED "WATERS OF THE STATE" (LIST DATE AND LOCATION OF EACH): Numerous; 147 reported total SSO from March 1, 2022 to February 28, 2023		<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
PUMP STATIONS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
NUMBER OF PUMP STATIONS IN SYSTEM: 84	NUMBER WITH BACKUP POWER: Some onsite	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: Weekly		
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: Report, pump truck, lime &/or disinfect		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): 5		
SATELLITE SYSTEMS		<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: None		
TYPE(S) OF WASTE WATER RECEIVED: <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> 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	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Bubba Brews	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: 70W #9	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>1</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS: <u>Grease</u>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Moore Road lift station	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS: <u>Grease</u>	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Winkler	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>2</u>	NUMBER OPERATIONAL: <u>2</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS: <u>Grease</u>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

PUMP STATION VISIT (COMPLETE A SEPARATE CHECKLIST FOR EACH PUMP STATION VISITED)	
GENERAL INFORMATION AND OVERALL EVALUATION	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA
NAME AND/OR LOCATION OF PUMP STATION: Gulpha	
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input checked="" type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:	
NUMBER OF PUMPS: <u>3</u>	NUMBER OPERATIONAL: <u>2- motor pending repair</u>
NUMBER AND SIZE OF PUMPS APPEARS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
EVIDENCE OF RECENT OVERFLOWS OR HIGH LEVELS: <u>On-going SSO at two manholes immediately north of lift station; can only operate one pump at a time due to repaired force main (pressure would blow force main).</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
GENERAL OPERATION AND MAINTENANCE	
CLEAN AND WELL MAINTAINED WITH MINIMAL STORAGE OF UNRELATED EQUIPMENT:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GATES/DOORS/HATCHES/LIDS/ETC. LOCKED TO PREVENT UNAUTHORIZED ACCESS AND/OR TAMPERING:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
WET WELLS, SUMPS AND PITS ADEQUATELY COVERED, GRATED OR OTHERWISE PROTECTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ELECTRICAL CONTROLS COVERS CONDUIT AND EQUIPMENT PROPERLY INSTALLED AND MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
GUARDS AND SHIELDS IN PLACE AROUND MOVING EQUIPMENT (BELTS, PULLEYS, DRIVESHAFTS, ETC.):	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE VENTILATION TO PREVENT EXCESSIVE CONDENSATION AND/OR GASES AND FUMES:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
ADEQUATE LIGHTING FOR ROUTINE INSPECTION/MAINTENANCE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SEALS, VALVES AND PACKING ADEQUATELY MAINTAINED TO PREVENT LEAKS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
MINIMAL ACCUMULATION OF GREASE AND SOLIDS IN WET WELLS:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
BACKUP POWER AND ALARMS	
PROVISIONS FOR GENERATOR AND/OR EMERGENCY TRANSFER PUMP:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
AUDIBLE/VISUAL ALARM WITH EMERGENCY CONTACT INFORMATION POSTED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
SCADA SYSTEM (LIST PARAMETERS MONITORED):	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

Office of Water Quality Photographic Evidence Sheet

Location:	Davidson & Southwest Collection System		
Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None- no other regulatory personnel	Time:	1236
Description:	Bubba Brews lift station	Photo #:	1



Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1237
Description:	View inside wet well	Photo #:	2



Office of Water Quality Photographic Evidence Sheet			
Location:	Davidson & Southwest Collection System		
Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1247
		Photo #:	3
Description:	70W #9 lift station		



Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1248
		Photo #:	4
Description:	View of grease and prior high levels inside wet well; one pump out.		



Office of Water Quality Photographic Evidence Sheet

Location:	Davidson & Southwest Collection System				
Photographer:	Travis Harmon	Date:	April 27, 2023	Time:	1300
Witness:	None	Photo #:	5		
Description:	Moore Road lift station				



Photographer:	Travis Harmon	Date:	April 27, 2023	Time:	1302
Witness:	None	Photo #:	6		
Description:	View inside wet well; some grease.				



Office of Water Quality Photographic Evidence Sheet

Location:	Davidson & Southwest Collection System		
Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1310
		Photo #:	7
Description:	Winkler lift station, which is the main station to Southwest WWTP.		



Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1312
		Photo #:	8
Description:	View inside wet well; significant grease accumulation.		



Office of Water Quality Photographic Evidence Sheet

Location:	Davidson & Southwest Collection System		
Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1337
Description:	Gulpha lift station	Photo #:	9



Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1344
Description:	Three pumps; one with motor out for repair.		



Office of Water Quality Photographic Evidence Sheet

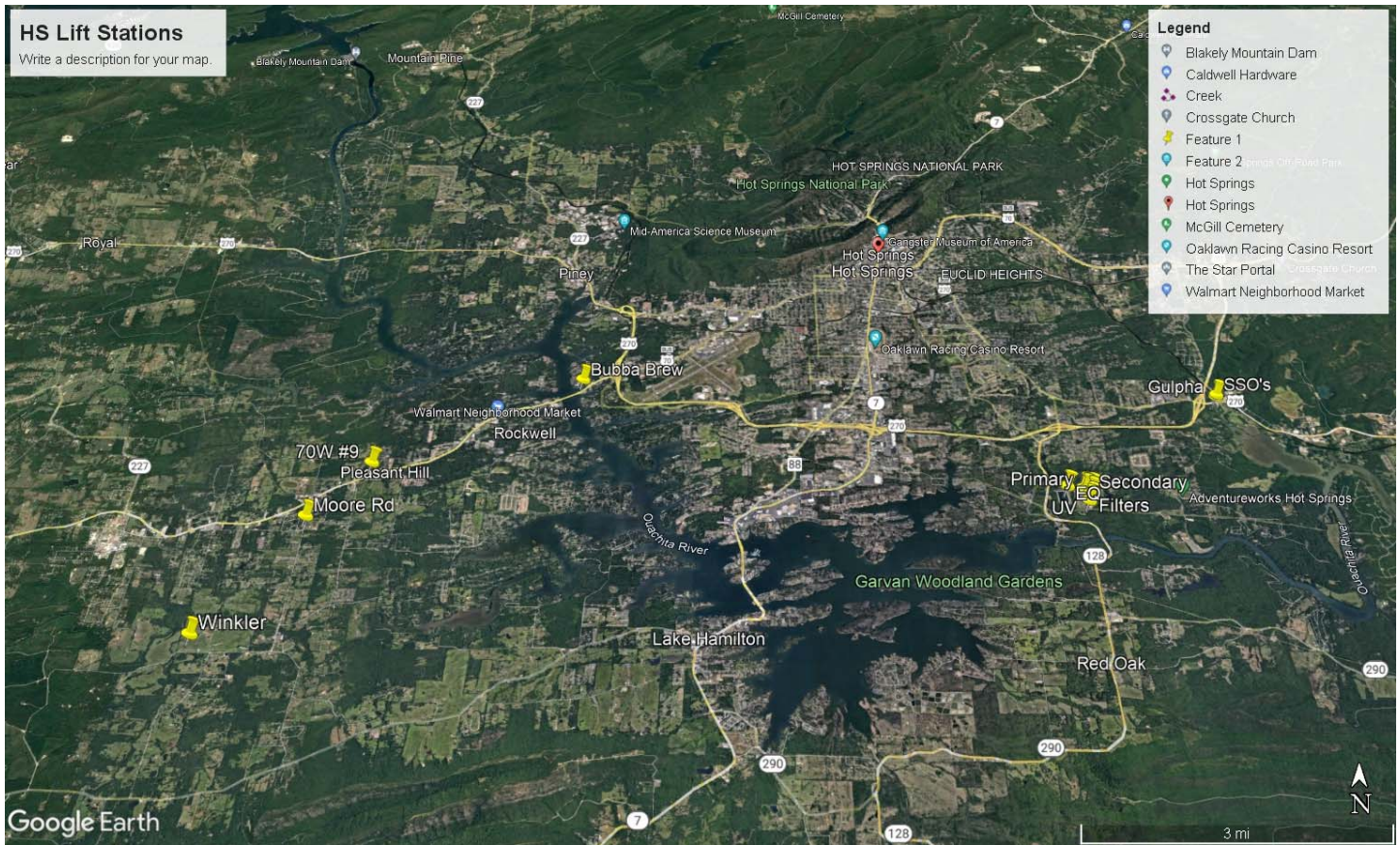
Location:	Davidson & Southwest Collection System		
Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1350
		Photo #:	11
Description:	One of two manholes with active SSO adjacent/north of Gulpha lift station. Manhole is submerged by sewer inside rock berm.		



Photographer:	Travis Harmon	Date:	April 27, 2023
Witness:	None	Time:	1352
		Photo #:	12
Description:	Second manhole SSO near the manhole in Photo # 11.		



Figure 1. Google Earth image of lift stations inspected for City of Hot Springs.



From: Travis Harmon (adpce.ad)
Sent: Wednesday, May 31, 2023 12:02 PM
To: Uniqika Marshall (adpce.ad)
Subject: FW: Response to April 15 Inspections: City of Hot Springs Utilities / AFIN: 26-00145 | NPDES Permit No.: NPDES Permit No.: AR0033880 | NPDES Permit No.: ARR000059
Attachments: DEQ Response_4.15.23 Inspections_Davidson.PS_5.26.2023.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Uniqika,

Could you attach the pdf response to PDS 125869 (ARR000059) and 125868 (AR0033880)?

Thanks,
Travis

From: Howard Hoover [<mailto:HHoover@cityhs.net>]
Sent: Friday, May 26, 2023 8:26 AM
To: Uniqika Marshall (adpce.ad) <Uniqika.Marshall@adeq.state.ar.us>; Travis Harmon (adpce.ad) <Travis.Harmon@adeq.state.ar.us>
Subject: Response to April 15 Inspections: City of Hot Springs Utilities / AFIN: 26-00145 | NPDES Permit No.: NPDES Permit No.: AR0033880 | NPDES Permit No.: ARR000059

Attached: City of Hot Springs Utilities Response
Davidson Drive WWTP Inspection/Southwest WWTP Inspection/Pump
Station Inspections (April 15, 2023)
AFIN: 26-00145 | NPDES Permit No.: NPDES Permit No.: AR0033880 |
NPDES Permit No.: ARR000059



CITY OF HOT SPRINGS

Utilities Department

780 Adams Street

Hot Springs, Arkansas 71901

May 26, 2023

Mr. Travis Harmon, Inspector
Office of Water Quality
Arkansas Department of Energy and Environment
5301 Northshore Drive
North Little Rock, Arkansas 72118

VIA EMAIL

RE: Hot Springs – Davidson Drive Wastewater Treatment Plant Inspections/Pump Station Inspections
AFIN: 26-00145 | NPDES Permit No.: AR0033880 | NPDES Permit No.: ARR000059

Dear Mr. Harmon,

On Thursday, April 15, 2023, a Compliance Evaluation Inspection was performed at the Davidson Wastewater Treatment Plant (NPDES Permit No: AR0033880). The inspection started at the Headworks and concluded at the final effluent. The entire treatment process was inspected and no violations were found at the Davidson or Southwest WWTPs.

It is noted that seeps in the primary clarifier wall should be sealed. We are scheduling that for summer months when flows into the plant are lower. It is noted that weir covers will soon be purchased for secondary clarifiers to prevent algae from growing in the troughs.

The violations reported within the past year are a result of high flows and a lab error with an outsource lab. These violations were reported, and was verified as such, in the inspection report.

The laboratory records request was sent in to Mr. Richard Healey- OWQ-Enforcement Branch Manager, for review. We are pleased that there were no violations at the Davidson Wastewater Treatment Plant.

Included in the inspection Summary of Findings for No-Exposure Exclusion was the following:

- 1. Facility must repair containment berm at sludge press loading to maintain conditions of No-Exposure Exclusion.**

On Friday, May 19, 2023 work was performed to repair the berm to ensure sludge containment, as displayed in the following pictures.



The Summary of Findings for the Pump Station Inspections included the following:

- 1. At the time of inspection, the 70W #9 lift station has a pump out, the Gulpha lift station had a pump motor out for repair, and grease was observed in the wet wells at 70W#9, Moore Road and Winkler lift stations. These issues require maintenance and are violations of Part III.B.1.A of the permit.**

The pump replacement for the 70W#9 lift station has been received and is being installed as of May 25, 2023. The Gulpha pump motor is being repaired for reinstallation. However, running the Gulpha station at full capacity will further degrade the forcemain, which will be replaced in the near future as part of the greater Gulpha Basin project. Maintenance for grease at pump stations in in progress. Further photographic verification will be provided upon completion.

Kindest Regards,

Monty Ledbetter
Utilities Director

cc: Harold Mauldin, Wastewater Facilities Operations Manager; Gordon Yates, Davidson Drive WWTP Supervisor; Danny Burton, Lift Stations Manager





ARKANSAS

ENERGY & ENVIRONMENT

June 12, 2023

Monty Ledbetter, Utilities Director

City of Hot Springs

320 Davidson Drive

Hot Springs, AR 71901

Email: mledbetter@cityhs.net ; hmauldin@cityhs.net ; gyates@cityhs.net

RE: Hot Springs – Davison WWTP – Response to Inspection (Garland Co)

AFIN: 26-00145

NPDES Permit No.: AR0033880

ARR000059

Dear Mr. Ledbetter:

I have reviewed the response pertaining to my April 27, 2023 inspections of the City of Hot Springs POTW and Collection System and the Davidson WWTP IGP. The information provided sufficiently addresses the items referenced in my inspection reports. At this time, the Division has no further comment concerning these particular inspections. Acceptance of this response by the Division does not preclude any future enforcement action deemed necessary at this site or any other site.

If I require further information concerning this matter, I will contact you. Thank you for your attention to this matter. Should you have any questions, please contact me at (501) 837-2070 or you may email me at travis.harmon@adeq.state.ar.us.

Sincerely,

A handwritten signature in cursive script that reads "Travis Harmon".

Travis Harmon

Inspector, Office of Water Quality

5301 Northshore Drive, North Little Rock, AR, 72118



ARKANSAS

ENERGY & ENVIRONMENT

July 3, 2023

Mr. Monty Ledbetter, Utilities Director
City of Hot Springs
320 Davidson Drive
Hot Springs, AR 71901

Email: mledbetter@cityhs.net hmsuldin@cityhs.net gyates@cityhs.net

RE: Hot Springs – Davidson WWTP – Response to Inspections (Garland Co)
AFIN: 26-00145 NPDES Permit No.: AR0033880/ ARR000059

Dear Mr. Ledbetter:

I have reviewed the response pertaining to my April 27, 2023 inspections of the City of Hot Springs - Davidson Wastewater Plant, Collection System, and IGP (No-Exposure Exclusion). The information provided sufficiently addresses the items referenced in my inspection reports. At this time, the Division has no further comment concerning these particular inspections. Acceptance of this response by the Division does not preclude any future enforcement action deemed necessary at this site or any other site.

If I require further information concerning this matter, I will contact you. Thank you for your attention to this matter. Should you have any questions, please contact me at (501) 837-2070 or you may email me at travis.harmon@adeq.state.ar.us.

Sincerely,

A handwritten signature in cursive script that reads "Travis Harmon".

Travis Harmon
Inspector, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118