
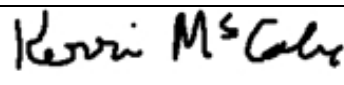
 <p>ENVIRONMENTAL QUALITY</p>	OFFICE OF WATER QUALITY		
	INSPECTION REPORT		
	AFIN: 70-00341	PERMIT #: AR0033723	DATE: 3/11/2021
	COUNTY: 70 Union	PDS #: 116220	MEDIA: WN
GPS LAT: 33.176916 LONG: -92.574492 LOCATION: Entrance			
FACILITY INFORMATION		INSPECTION INFORMATION	
NAME: City of El Dorado - South Plant LOCATION: 325 Quail Crossing CITY: El Dorado, AR 71730		FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 101531 S - State FACILITY EVALUATION RATING: 4 - Satisfactory INSPECTION TYPE: SSO/Collection System	
RESPONSIBLE OFFICIAL		DATE(S): 3/11/2021 ENTRY TIME: 09:51 EXIT TIME: 12:48 PERMIT EFFECTIVE DATE: 1/1/2015 PERMIT EXPIRATION DATE: 12/31/2019	
NAME: / TITLE Veronica Smith-Creer / Mayor COMPANY: City of El Dorado MAILING ADDRESS: P.O. Box 2170 CITY, STATE, ZIP: El Dorado AR 71730 PHONE & EXT: / FAX: 870-862-7911 / EMAIL: mayorsmith-creer@eldoradoar.org		FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N	
CONTACTED DURING INSPECTION: ***		INSPECTION PARTICIPANTS	
		NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Michael McMahn/Superintendent/870-862-7911	
AREA EVALUATIONS			
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)			
**	PERMIT	**	FLOW MEASUREMENT
**	RECORDS/REPORTS	**	LABORATORY
**	OPERATION & MAINTENANCE	**	EFFLUENT/RECEIVING WATER
**	SAMPLING	**	SLUDGE HANDLING/DISPOSAL
**	OTHER:	**	STORMWATER
**		**	FACILITY SITE REVIEW
**		**	SELF-MONITORING PROGRAM
**		**	PRETREATMENT
SUMMARY OF FINDINGS			
No violations observed at time of inspection.			
GENERAL COMMENTS			
El Dorado Water Utility (EWU) manages a collection system for the South Plant that consists of five lift stations that send wastewater to the South Plant treatment system. There was a recent overhaul of the collection system that included rehabilitating and repairing many of the lift stations.			
I observed Lift Station #1 to be in good working condition with a locked fence and contact information (see Photo 1) as well as SCADA systems (see Photo 2). Inside the housing, I observed two new and very well-maintained pumps (see Photos 3-4). At Lift Station #2, I also observed a locked gate and contact information (see Photo 5) and this lift station was also on SCADA (see Photo 6). Inside the lift station, the pumps are in a confined entry area, so I did not observe the pumps, but the lift station was free of unnecessary equipment and well-maintained (see Photo 7).			
INSPECTOR'S SIGNATURE: 		DATE: 4/26/2021	
SUPERVISOR'S SIGNATURE: 		DATE: 6/7/2021	

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: <u>Gravity-fed>5 lift stations>South Plant</u>		
POPULATION SERVED/NUMBER OF RESIDENTIAL AND COMMERCIAL CONNECTIONS: <u>11,000 (serves 2/3 of El Dorado)</u>		
FEET OF SEWER SYSTEM: <u>Unknown</u>		
AGE OF SYSTEM: <u>60+ Years</u>		
DOES THE SYSTEM EXPERIENCE PROBLEMS DURING DRY OR WET WEATHER (EXPLAIN):	<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):	<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):	<input type="checkbox"/> Y <input checked="" 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: <u>5</u>	NUMBER WITH BACKUP POWER: <u>5</u>	
HOW OFTEN ARE PUMP STATIONS INSPECTED/MONITORED: <u>Daily</u>		
ARE MAINTENANCE RECORDS AND/OR OPERATOR LOGS KEPT: <u>Yes</u>		
ADEQUATE INVENTORY OF SPARE PARTS: <u>Yes</u>		
TYPE OF REMOTE ELECTRONIC MONITORING USED (I.E. SCADA OR AUTO DIALERS): <u>SCADA and auto-dialer</u>		
BRIEF SUMMARY OF EMERGENCY PROCEDURES: <u>Callouts 24-hours</u>		
NUMBER OF PUMP STATIONS VISITED DURING INSPECTION (SEE ATTACHED CHECKLISTS FOR EACH): <u>2</u>		
SATELLITE SYSTEMS		<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DOES THE COLLECTION SYSTEM RECEIVE FLOW FROM SATELLITE SYSTEMS: <u>Yes</u>		
TYPE(S) OF WASTE WATER RECEIVED: <input checked="" type="checkbox"/> RESIDENTIAL <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> OTHER:		
BRIEFLY DESCRIBE THE SATELLITE SYSTEM: <u>El Dorado Rural Water has grinder pumps serving customers and a pressurized 2" force main.</u>		
ANY KNOWN PROBLEMS WITH SATELLITE SYSTEM: <u>Reporting of leaks and overflows to EWU.</u>		
NAME, ADDRESS AND PHONE NUMBER OF PERSON RESPONSIBLE FOR SATELLITE SYSTEM: <u>Bill Gaunt 3400 W Hillsboro St, El Dorado, AR 71730</u>		

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: <u>Lift Station #1.</u>	
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	
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): <u>Flow and depth</u>	<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: <u>Lift Station #2</u>	
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 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): <u>Flow and depth.</u>	<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:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:25
		Photo #:	1
Description:	Gate around Lift Station #1 with contact information.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:26
		Photo #:	2
Description:	Housing for Lift Station #1.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:27
		Photo #:	3
Description:	Pumps inside housing of Lift Station #1.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:27
		Photo #:	4
Description:	Panel for SCADA system and electronics.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan				
Photographer:	Michael Young	Date:	03/11/2021	Time:	11:37
Witness:				Photo #:	5
Description:	Lift Station #2 with gate surrounding it and contact information posted.				



Photographer:	Michael Young	Date:	03/11/2021	Time:	11:09
Witness:				Photo #:	6
Description:	Pumps inside of Lift Station #2.				



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:36
		Photo #:	7
Description:	Solids and grease balls on the ground outside of lift station housing.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:38
		Photo #:	8
Description:	Pumps inside of Lift Station #2.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:09
		Photo #:	9
Description:	Manhole next to lift station with cover slightly off.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:39
		Photo #:	10
Description:	Solids next to manhole indicating overflow. No reported overflow in database.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:40
		Photo #:	11
Description:	Inside of manhole next to lift station has high-water levels indicated.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:40
		Photo #:	12
Description:	Manhole with solids on the ground and cover slightly removed.		

