 ENVIRONMENTAL QUALITY	OFFICE OF WATER QUALITY		
	INSPECTION REPORT		
	AFIN: 70-00341	PERMIT #: AR0033723	DATE: 3/11/2021
	COUNTY: 70 Union	PDS #: 116219	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: 5 - Satisfactory INSPECTION TYPE: Compliance Evaluation	
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: No		INSPECTION PARTICIPANTS	
		NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Michael McMahan/Superintendent/870-862-7911	
AREA EVALUATIONS			
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)			
S	PERMIT	S	FLOW MEASUREMENT
S	RECORDS/REPORTS	S	LABORATORY
S	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER
S	SAMPLING	S	SLUDGE HANDLING/DISPOSAL
**	OTHER:	S	STORMWATER
		S	FACILITY SITE REVIEW
		S	SELF-MONITORING PROGRAM
		N	PRETREATMENT
SUMMARY OF FINDINGS			
No violations observed at the time of inspection.			

GENERAL COMMENTS


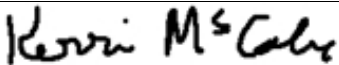
On March 11, 2021, I performed an inspection at the City of El Dorado – South Plant with the above participants. City of El Dorado – South Plant is permitted to treat municipal wastewater in a treatment system consisting of two aerated lagoons and two facultative lagoons all in series followed by four Dissolved Air Flotation (DAF) units, chemical addition, and a discharge by pumping to the Ouachita Joint Pipeline (permit AR0050296) (see Figure 1). During normal operations, DAF units are operated in cycle that allows two units to run simultaneously. City of El Dorado – South Plant is not operated with a continuous, 24-hr discharge and DAF units are only operated when there is a discharge produced. Sludge from the DAF units is directed back into the second aerated lagoon. Monitoring is completed as grabs or from a composite sampler that is refrigerated and collects flow-weighted samples when there is a discharge produced. After sampling, treated wastewater is routed through three pumps to the Ouachita Joint Pipeline (AR0050296), where it is ultimately discharged to the Ouachita River. When discharging to the OJP, EWU samples according to Outfall 010S requirements in Part IA. If the discharge to the pipeline was routed to Outfall 001 during emergency or maintenance conditions, the sampling would change to the sampling requirements listed in Part IA. for Outfall 001. This inspection consisted of a facility evaluation and records review.

Facility Evaluation:

This inspection started at the primary aerated lagoon, which had aerators in operation on timers (see Photos 1-2), and the levee between the primary and secondary aerated lagoon was well-maintained (see Photos 2-3). The secondary aerated lagoon also had aerators in operation on timers (see Photos 3-5), and the levee was also well-maintained (see Photo 5). Two facultative lagoons, in series, were well-maintained (see Photos 6-8); and after treatment in the lagoon series, water is discharged to the DAF units (see Photos 9-10). Inside the DAF unit building, I observed the units to be well-maintained, but operation had ceased for the day, so all the units were shut down (see Photos 11-13). Chemical addition is performed through controllers (see Photo 14) and chemical is stored in double-walled containers (see Photo 15). Sludge and collected from the DAF units and returned to the second aerated lagoon (see Photo 16). After final treatment, water is sampled with a refrigerated composite sampler (see Photos 17-19), and flow is collected by a totalizer that communicates with a through pipe mag-flow device (see Photo 20). Following sampling at Outfall 010S, treated effluent is pumped to the Ouachita Joint Pipeline (AR0050296), where it is ultimately discharged in the Ouachita River (see Photos 21-22). At the time of inspection, there were no violations observed.

Records Review:

Following the inspection, I contacted John Peppers, EWU General Manager, and requested forms and records to review. Amanda Gallagher, consultant and engineer with GBMC, sent the requested information. I reviewed all the records and did not find any issues with calculation or entry of the samples.

INSPECTOR'S SIGNATURE:  Michael Young	DATE: 4/26/2021
SUPERVISOR'S SIGNATURE:  Kerri McCabe	DATE: 6/7/2021

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFERENT OR INCREASED DISCHARGES:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. ALL DISCHARGES ARE PERMITTED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. ANALYTICAL RESULTS CONSISTENT WITH DATA REPORTED ON DMRS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
a. DATES AND TIME(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. EXACT LOCATION(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. ANALYTICAL METHODS AND TECHNIQUES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
e. RESULTS OF CALIBRATIONS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
f. RESULTS OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
g. DATES AND TIMES OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. TREATMENT UNITS PROPERLY OPERATED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
2. TREATMENT UNITS PROPERLY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUIPMENT FAILURES AVAILABLE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. ALL NEEDED TREATMENT UNITS IN SERVICE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS PROVIDED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
10. PROCEDURES FOR EMERGENCY TREATMENT CONTROL ESTABLISHED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE PLANT OR IN THE COLLECTION SYSTEM IN THE LAST YEAR:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT:	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER PRESERVATION TECHNIQUES USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: __ TYPE OF DEVICE: <u>Mag flow</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED: <u>Totalizer</u>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE: <u>Closed pipe</u>	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
9. HEAD MEASURED AT PROPER LOCATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED \geq 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>American Interplex</u>	
b. LAB ADDRESS: <u>8600 Kanis Road Little Rock, AR</u>	
c. PARAMETERS PERFORMED: <u>All except pH and DO</u>	
8. BIOMONITORING PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. PROPER TEST METHODS AND DURATION:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS							
BASED ON VISUAL OBSERVATIONS ONLY						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	ND	ND	ND	ND	ND	ND	--
010S	N	N	N	N	N	Colorless	
SECTION H: SLUDGE DISPOSAL							
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS: <u>Sludge from DAF is returned to pond system.</u>							
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):							
SECTION I: SAMPLING INSPECTION PROCEDURES							
SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SAMPLES OBTAINED THIS INSPECTION:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
2. TYPE OF SAMPLE: <input type="checkbox"/> GRAB:___ <input type="checkbox"/> COMPOSITE:___ METHOD:___ FREQUENCY:___							
3. SAMPLES PRESERVED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
4. FLOW PROPORTIONED SAMPLES OBTAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
7. SAMPLE SPLIT WITH PERMITTEE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
SECTION J: STORM WATER POLLUTION PREVENTION PLAN							
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SWPPP UPDATED AS NEEDED:___ DATE OF LAST UPDATE:___						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
3. POLLUTION PREVENTION TEAM IDENTIFIED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
5. LIST OF POTENTIAL POLLUTANT SOURCES:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
8. LIST OF STRUCTURAL BMPS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
9. LIST OF NON-STRUCTURAL BMPS:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
10. BMPS PROPERLY OPERATED AND MAINTAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
11. INSPECTIONS CONDUCTED AS REQUIRED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	

DMR Calculation Check

Reporting Period: From 2020 01 01 To 2020 01 31
 Year Month Day Year Month Day

Parameter Checked: Total
Suspended
Solids (TSS)
- Outfall
010S

	Loading Mass Mo. Avg./Daily max - lbs/day	Concentration Monthly	
		Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>481.24/817.54</u>	<u>14.56</u>	<u>23</u>
Calculated Value:	<u>481.24/817.54</u>	<u>14.56</u>	<u>23</u>
Permit Value:	<u>1751.4/2627.1</u>	<u>30</u>	<u>45</u>

If calculated value does not equal reported value, explain:

Equal

DMR Calculation Check

Reporting Period: From 2020 01 01 To 2020 01 31
 Year Month Day Year Month Day

Parameter Checked: Oil and Grease – Outfall 010S

	Loading Mass Mo. Avg./Daily Max - lbs/day	Concentration Monthly	
		Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>167.7/244.3</u>	<u>N/A</u>	<u>N/A</u>
Calculated Value:	<u>167.7/244.3</u>	<u>N/A</u>	<u>N/A</u>
Permit Value:	<u>583.8/875.7</u>	<u>N/A</u>	<u>N/A</u>

If calculated value does not equal reported value, explain:

Equal.

Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:52
		Photo #:	1
Description:	Primary pond at El Dorado South Plant. Aerators in operation.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:53
		Photo #:	2
Description:	Primary and secondary treatment ponds.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:53
		Photo #:	3
Description:	Second treatment pond at El Dorado South Plant.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:53
		Photo #:	4
Description:	Third treatment pond at El Dorado South Plant.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:53
		Photo #:	5
Description:	Second treatment pond and third treatment pond at El Dorado South Plant.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:54
		Photo #:	6
Description:	End of third treatment pond.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:55
		Photo #:	7
Description:	Final treatment pond at El Dorado South Plant.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:56
		Photo #:	8
Description:	Final treatment pond at El Dorado South Plant.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan				
Photographer:	Michael Young	Date:	03/11/2021	Time:	11:57
Witness:				Photo #:	9
Description:	Discharge from final treatment pond to DAF units.				



Photographer:	Michael Young	Date:	03/11/2021	Time:	11:57
Witness:				Photo #:	10
Description:	View of the entire final treatment pond at El Dorado South Plant.				



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan				
Photographer:	Michael Young	Date:	03/11/2021	Time:	11:59
Witness:				Photo #:	11
Description:	DAF Unit #1 housed inside building.				



Photographer:	Michael Young	Date:	03/11/2021	Time:	11:59
Witness:				Photo #:	12
Description:	DAF Unit #2.				



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:59
		Photo #:	13
Description:	DAF Unit #3. Units have finished operation at time of inspection.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	11:59
		Photo #:	14
Description:	Pumps and dosing system for additional chemicals.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan				
Photographer:	Michael Young	Date:	03/11/2021	Time:	12:00
Witness:				Photo #:	15
Description:	Storage for additional chemicals.				



Photographer:	Michael Young	Date:	03/11/2021	Time:	12:01
Witness:				Photo #:	16
Description:	Sludge return from the DAF units to the pond system.				



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:01
		Photo #:	17
Description:	Refrigerated composite sampler for Outfall 010S.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:02
		Photo #:	18
Description:	Inside the refrigerated composite sampler for Outfall 010S.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:02
		Photo #:	19
Description:	Thermometer inside the composite sampler which indicates calibration.		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:04
		Photo #:	20
Description:	Totalizer that communicates with through-pipe mag-flow device.		



Office of Water Quality Photographic Evidence Sheet

Location:	City of El Dorado - South Plan		
Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:04
		Photo #:	21
Description:	Pumps following sampling at Outfall 010S. Water is pumped to Ouachita Joint Pipeline (AR0050296).		



Photographer:	Michael Young	Date:	03/11/2021
Witness:		Time:	12:05
		Photo #:	22
Description:	Treated effluent following sampling at Outfall 010S and prior to pumping to the Ouachita Joint Pipeline (AR0050296).		



Figure 1. Overview of the City of El Dorado – South Plant treatment system with the different components identified. Following sampling, treated effluent is pumped to the Ouachita Joint Pipeline (AR0050296).

