



October 15, 2020

Mr. Gregorio Ramon, Chief Executive Officer
Little Rock Water Reclamation Authority
11 Clearwater Dr.
Little Rock, AR 72204

RE: LRWRA Adams Field WRF Inspection
AFIN: 60-00409 Permit No.: AR0021806

Dear Mr. Ramon:


On September 15, 2020, I performed a Compliance Evaluation 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. A copy of the inspection report is enclosed for your records.

No violations were noted at the time of the inspection. Please refer to the attached inspection report for any comments. If I can be of any assistance, please contact me at bolenbaugh@adeq.state.ar.us or 501-682-0659.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jason Bolenbaugh'.

Jason Bolenbaugh
Compliance Branch Manager, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118

 ENVIRONMENTAL QUALITY	OFFICE OF WATER QUALITY				
	INSPECTION REPORT				
	AFIN: 60-00409	PERMIT #: AR0021806	DATE: 9/15/2020		
	COUNTY: 60 Pulaski	PDS #: 113679	MEDIA: WN		
GPS LAT: 34.735314 LONG: -92.216435 LOCATION: Entrance					
FACILITY INFORMATION		INSPECTION INFORMATION			
NAME: LRWRA Adams Field WRF LOCATION: 1001 Temple St. CITY: Little Rock		FACILITY TYPE: 1 - Municipal INSPECTOR ID#: 83321 S - State FACILITY EVALUATION RATING: 4 - Satisfactory INSPECTION TYPE: Compliance Evaluation			
RESPONSIBLE OFFICIAL		DATE(S): ENTRY TIME: EXIT TIME: PERMIT EFFECTIVE DATE: 9/15/2020 08:45 10:33 1/1/2018 PERMIT EXPIRATION DATE: 12/31/2022			
NAME: / TITLE Mr. Gregorio Ramon / Chief Executive Officer COMPANY: Little Rock Water Reclamation Authority MAILING ADDRESS: 11 Clearwater Dr. CITY, STATE, ZIP: Little Rock AR 72204 PHONE & EXT: / FAX: 501-688-1404 / EMAIL: greg.ramon@lrwra.com		FAYETTEVILLE SHALE RELATED: N FAYETTEVILLE SHALE VIOLATIONS: N INSPECTION PARTICIPANTS NAME/TITLE/PHONE/FAX/EMAIL/ETC.: Mr. Eric Wassell, Sr. Manager, LRWRA Mr. Matt Williams, Operations & Facilities Coordinator, LRWRA			
CONTACTED DURING INSPECTION: No					
AREA EVALUATIONS					
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)					
S	PERMIT	S	FLOW MEASUREMENT	N	STORMWATER
S	RECORDS/REPORTS	S	LABORATORY	S	FACILITY SITE REVIEW
S	OPERATION & MAINTENANCE	S	EFFLUENT/RECEIVING WATER	S	SELF-MONITORING PROGRAM
S	SAMPLING	S	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT
**	OTHER:				
SUMMARY OF FINDINGS					
<p>No violations were noted at the time of the inspection. LRWRA is currently upgrading the water reclamation facility as numerous construction projects are ongoing.</p> <p>Facility upgrades have been delayed but are ongoing and likely will not be completed until 2021. As a result the permittee is unlikely to meet the compliance schedule deadline for final effluent limitations for CBOD₅ and NH₃-N as required in Part I, Section B of the permit. The permittee has been in continued discussions with the Office of Water Quality Permits Branch regarding this issue. Installation of the peracetic acid disinfection system has been completed.</p>					

GENERAL COMMENTS


The existing treatment system is: bar screens, grit removal, primary clarification, complete mix activated sludge, secondary clarification, and UV disinfection with a design flow of 36MGD. UV disinfection will be supplemented with peracetic acid disinfection when UV transmittance is below 65%. The addition of the peracetic acid was the basis for the permit modification that became effective on January 1, 2020.

A review of Discharge Monitoring Reports from January 1, 2018 to present July 30, 2020 was conducted. No effluent limitation violations or Whole Effluent Toxicity (WET) testing failures have been reported during this time. On January 3, 2019, the Office of Water Quality granted the permittees request to reduce the frequency of Whole Effluent Toxicity testing. The facility is currently under a Permit Compliance Schedule (Refer to Part I.B of the permit) to achieve compliance with final effluent limitations for CBOD₅ and NH₃-N by January 1, 2021. The permittee has submitted both annual progress reports and a final report is due within 30 days following the final compliance date.

Sanitary Sewer Overflows (SSO) is being addressed by LRWRA through the 2010 System Evaluation and Capacity Assurance Plan (SECAP). A second amendment to the plan was may on April 18, 2019. A compliance deadline is December 21, 2023.

Inspections of NPDES Permits AR0021806C, AR0021806C1, ARR00A001, and ARR156652 were conducted in coordination with this inspection. Please refer to those inspections for more specifics regarding those permits.

An evaluation of the pretreatment program was not completed during this inspection as a Pretreatment Compliance inspection of LRWRA's Pretreatment Program was completed in September, 2019.

INSPECTOR'S SIGNATURE: <small>←Click text to left to add signature</small>	-Inspector Name	DATE:
SUPERVISOR'S SIGNATURE: 	Jason Bolenbaugh	DATE: 10/15/2020

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: Mr. Gregorio Ramon, 11 Clearwater Dr., Little Rock, AR, 72204	<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: 2 active permit modifications	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS DESCRIBED IN PERMIT: Outfall 001 to the Arkansas River	<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: An onsite visit to the laboratory was not conducted. A review of requested documentation was completed.	
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: March 2, 2020	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. EXACT LOCATION(S) OF SAMPLING: Adams Field Final Effluent	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING: RKS set up the sampler	<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: RKS conducted pH calibration	<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: 2 backup generators totaling 2815 horsepower. However, both generators will be replaced with redundant power circuits provided by Entergy. The redundant power circuits will provide backup power to 100% of the plant and to both existing and newly installed treatment components.	<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: Facility is on SCADA	<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: All treatment units were in service but may have not been in operation at the time or construction activity was being conducted.	<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: Mr. John Thompson (Superintendent – Class IV – 007158), Randy Weaver, Steven McGhee, Chase Cope, Luke Baldwin, Erik Morrow, Mark Turpin, Byron Shavers	<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: LRWRA provided a reorder report for all three WRFs.	<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 type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED: Operation logs provided.	<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: From August 2019 to July 2020 155 SSOs were reported with an estimated volume spilled of 61,225 gallons.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS: See SECAP comments above.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input 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 checked="" type="checkbox"/> N <input 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: Only one outfall, 001. Influent and effluent automatic samplers.	<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: Influent is a time-composited sample	<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: BOD₅, TSS, NH₃-N, CBOD₅, FCB, TP, NO₃+NO₂-N, PAA, and pH.	<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: Grabs: FCB, PAA, and pH (2/week), TP (1/month) and NO₃+NO₂-N (1/quarter). See Composite frequencies below.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE: The laboratory staff is separate from the operations staff and therefore strict security measures are in place to ensure samples are only accessible by laboratory staff.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. SAMPLES REFRIGERATED DURING COMPOSITING: BOD₅ and TSS (3/week), and NH₃-N and CBOD₅ (2/week - May – October)	<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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input 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:	
PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED? TYPE OF DEVICE: There isn't a primary flow measuring device. Previous inspections and application noted a 4.96' weir with end contractions but calibration tests are conducted within the four UV channels.	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" 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:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE: Flow calibration methods were provided upon request.	<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:	<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 type="checkbox"/> Y <input type="checkbox"/> N <input checked="" 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 type="checkbox"/> Y <input type="checkbox"/> N <input checked="" 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 checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME:	
b. LAB ADDRESS:	
c. PARAMETERS PERFORMED:	
8. BIOMONITORING PROCEDURES ADEQUATE: Huther and Associates, Inc. (Denton, TX) performs biomonitoring.	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. PROPER ORGANISMS USED: Ceriodaphnia dubia & Pimephales promelas	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. PROPER DILUTION SERIES FOLLOWED: 9%, 12%, 16%, 21% (critical), and 28%	<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: No failures noted during DMR review	<input type="checkbox"/> Y <input checked="" 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	No	No	No	No	No	Clear	--
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: Sludge is thickened and pumped via a pipe system to LRWRA's Fourche Creek WRF for anaerobic digestion, gas recovery, lagoon storage, and land application.							
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 type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" 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: This facility has an IGP No-Exposure exclusion (ARR000873). Please refer to a separate inspection report for that permit.							
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 03 01 To 2020 03 31
 Year Month Day Year Month Day

Parameter Checked: TSS

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>4167</u>	<u>18.1</u>	<u>27.6</u>
Calculated Value:	<u>4167</u>	<u>18.1</u>	<u>27.6</u>
Permit Value:	<u>9007</u>	<u>30</u>	<u>45</u>

Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:00
		Photo #:	1
Description:	DSCN1268: One of two operating bar screens. The plate with a missing bar screen is designated for future development/expansion.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:10
		Photo #:	2
Description:	DSCN1272: Preliminary treatment building with grit removal and grease storage.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:11
		Photo #:	3
Description:	DSCN1272: Newly installed pipe that delivers scum to preliminary treatment.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:15
		Photo #:	4
Description:	DSCN1275: Primary Clarifier #2 in operation. It was the only primary clarifier in us at the time of the inspection.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:27
		Photo #:	5
Description:	DSCN1280: Primary clarifier #3 not in use.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:19
		Photo #:	6
Description:	DSCN1277: Equalization basin.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:25
Description:	DSCN1278: Influent sampler.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:38
Description:	DSCN1283: Two of three new aeration basin blowers. Two are 350 horsepower and one is 450 horsepower.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:41
		Photo #:	9
Description:	DSCN1285: Ongoing construction activity in Aeration Basin #6.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:42
		Photo #:	10
Description:	DSCN1286: Nearly completed construction within Aeration Basin #5.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:46
		Photo #:	11
Description:	DSCN1290: Aeration Basin #1.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:51
		Photo #:	12
Description:	DSCN1291: Discharge from aeration basin to the octagon.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:52
		Photo #:	13
Description:	DSCN1292: Final Clarifier #3 in operation.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	09:59
		Photo #:	14
Description:	DSCN1293: Final Clarifier #3.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:03
		Photo #:	15
Description:	DSCN1296: Ongoing construction with Final Clarifier #1.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:00
		Photo #:	16
Description:	DSCN1294: Octagon that receives activated sludge in the inner channel and final clarifier effluent in the outer channel where the peracetic acid feed is located.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:02
		Photo #:	17
Description:	DSCN1295: Peracetic acid feed into the outer channel that receives final clarifier effluent.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:04
		Photo #:	18
Description:	DSCN1298: UV disinfection channel area/building.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:11
Description:	DSCN1301: UV system overview.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:07
Description:	DSCN1299: Effluent composite sampler showing an internal temperature of 3°C. Access to contents is only available to laboratory staff.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:12
		Photo #:	21
Description:	DSCN1302: Peracetic acid tote.		



Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:20
		Photo #:	22
Description:	DSCN1308: Sludge Thickener #1 not in use.		



Office of Water Quality Photographic Evidence Sheet

Location:	LRWRA Adams Field WRF		
Photographer:	Jason Bolenbaugh	Date:	9/15/2020
Witness:		Time:	10:20
		Photo #:	23
Description:	DSCN1309: Sludge Thickener #2.		

