ARKANSAS
ENERGY & ENVIRONMENT

December 14, 2022

Lioneld Jordan, Mayor
City of Fayetteville
113 West Mountain Street
Fayetteville, AR 72701
Via email: mayor@fayetteville-ar.gov & tnyander@fayetteville-ar.gov

RE: Paul R. Noland WWTF Inspection
AFIN: 72-00781 Permit No.: AR0020010

Honorable Mayor Jordan:

On February 10, 2022, DEQ Inspector Cole Southerland 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 inspection report for any comments.

If I can be of any assistance please contact me at Brent.L.Walker@adeq.state.ar.us or 870-935-7221 ext.-12.

Sincerely,

Brent L Walker

Brent L. Walker
Inspector Supervisor, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118

ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **72-00781**	PERMIT #: **AR0020010**	DATE: **2/10/2022**
COUNTY: **72 Washington**	PDS #: **123837**	MEDIA: **WN**
GPS LAT: **36.08067** LONG: **-94.08920** LOCATION: **Entrance**		

FACILITY INFORMATION

NAME:
Paul R. Noland WWTF
LOCATION:
1400 N. Fox Hunter Road
CITY:
Fayetteville

RESPONSIBLE OFFICIAL

NAME: / TITLE
Lioneld Jordan / Mayor
COMPANY:
City of Fayetteville
MAILING ADDRESS:
113 West Mountain Street
CITY, STATE, ZIP:
Fayetteville AR 72701
PHONE & EXT: / FAX:
479-601-2065 /
EMAIL:
mayor@fayetteville-ar.gov & tnyander@fayetteville-ar.gov

CONTACTED DURING INSPECTION: **No**

INSPECTION INFORMATION

FACILITY TYPE: **1 - Municipal**
INSPECTOR ID#: **127361 S - State**
FACILITY EVALUATION RATING: **3 - Satisfactory**
INSPECTION TYPE: **Compliance Evaluation**
DATE(S): **2/10/2022**
ENTRY TIME: **09:00**
EXIT TIME: **11:15**
PERMIT EFFECTIVE DATE: **1/1/2018**
PERMIT EXPIRATION DATE: **12/31/2022**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Cole Southerland/ Inspector/ DEQ
Austin Ramsfield/ Operations Supervisor/ Jacobs
Monty Sedlak/ Project Manager/ Jacobs
Shawn Santellanes/ Lead Operator/ Jacobs
Donna McChristian/ Lab Supervisor/ Jacobs

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
N	OTHER:				

SUMMARY OF FINDINGS

No violations were observed during inspection.

GENERAL COMMENTS

The following was noted during inspection:

- **The permit for the Paul R. Noland WWTF expires in December of 2022. Mr. Ramsfield stated that the renewal process for the permit has been started.**
- **Due to the sludge dryer being out of operation only solar drying of the sludge is been done after being processed through the sludge press. Once dried, via solar, the sludge is being hauled to the Tonitown landfill.**
- **A scumline was noted on one of the secondary clarifiers (Photo #6). Mr. Ramsfield stated that this is due to winter weather and freezing temperatures that occurred before the inspection. Maintenance work was being done to remove the scumline.**
- **There are four secondary clarifiers at the facility. Clarifier #3 is nonoperational due to a broken scraper arm. Clarifier #4 needs a new scum pump installed. Two operational clarifiers are sufficient enough for the treatment process. Maintenance is planned for the near future for the two nonoperational clarifiers.**
- **The biological treatment consists of two sets of six anoxic zones that feed into 4 aerobic zones. One set of anoxic and aerobic zones are undergoing maintenance and are nonoperational. Maintenance includes the replacement of the six mixers within the anoxic zones. Sufficient treatment of the wastewater is still performed with the remaining set of anoxic and aerobic zones.**
- **Foam was observed at the outfall of the facility (Photo #27). Mr. Ramsfield stated that this is due to the ozone disinfection producing high DO concentrations which cause the foaming at the outfall. The foam dissipates as it enters the White River (Photo #26).**
- **All parameter testing is conducted within the lab at the Noland facility except sulfate. Samples are sent to American Interplex in Little Rock for sulfate testing.**

INSPECTOR'S SIGNATURE: Cole Southerland **Cole Southerland**	DATE:
SUPERVISOR'S SIGNATURE: Brent L Walker **Brent L. Walker**	DATE: **12/2/2022**

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

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
2. LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:	☑Y ☐N ☐NA ☐NE
3. FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:	☑Y ☐N ☐NA ☐NE
4. SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
5. SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:	☑Y ☐N ☐NA ☐NE
6. SAMPLE COLLECTION PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
a. SAMPLES REFRIGERATED DURING COMPOSITING:	☑Y ☐N ☐NA ☐NE
b. PROPER PRESERVATION TECHNIQUES USED:	☑Y ☐N ☐NA ☐NE
c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:	☑Y ☐N ☐NA ☐NE
7. IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:	☐Y ☐N ☑NA ☐NE

SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: **3'** TYPE OF DEVICE:	☑Y ☐N ☐NA ☐NE
2. FLOW MEASURED AT EACH OUTFALL AS REQUIRED:	☑Y ☐N ☐NA ☐NE
3. SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:	☑Y ☐N ☐NA ☐NE
4. CALIBRATION FREQUENCY ADEQUATE:	☑Y ☐N ☐NA ☐NE
5. RECORDS MAINTAINED OF CALIBRATION PROCEDURES:	☑Y ☐N ☐NA ☐NE
6. CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:	☑Y ☐N ☐NA ☐NE
7. FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:	☑Y ☐N ☐NA ☐NE
8. FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:	☑Y ☐N ☐NA ☐NE
9. HEAD MEASURED AT PROPER LOCATION:	☑Y ☐N ☐NA ☐NE

SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	☑Y ☐N ☐NA ☐NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	☑Y ☐N ☐NA ☐NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	☑Y ☐N ☐NA ☐NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
7. COMMERCIAL LABORATORY USED: **American Interplex**	☑Y ☐N ☐NA ☐NE
a. LAB NAME: **American Interplex**	
b. LAB ADDRESS: **8600 Kanis Road, Little Rock AR 72204**	
c. PARAMETERS PERFORMED: **Sulfate**	
8. BIOMONITORING PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
a. PROPER ORGANISMS USED:	☑Y ☐N ☐NA ☐NE
b. PROPER DILUTION SERIES FOLLOWED:	☑Y ☐N ☐NA ☐NE
c. PROPER TEST METHODS AND DURATION:	☑Y ☐N ☐NA ☐NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	☑Y ☐N ☐NA ☐NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

BASED ON VISUAL OBSERVATIONS ONLY — ☑S ☐M ☐U ☐NA ☐NE

DETAILS:

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	None	Yes	None	Clear	--

SECTION H: SLUDGE DISPOSAL

SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS — ☑S ☐M ☐U ☐NA ☐NE

DETAILS:

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: ☑S ☐M ☐U ☐NA ☐NE
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: ☑S ☐M ☐U ☐NA ☐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 — ☐S ☐M ☐U ☑NA ☐NE

DETAILS:

1. SAMPLES OBTAINED THIS INSPECTION: ☐Y ☐N ☑NA ☐NE
2. TYPE OF SAMPLE: ☐GRAB:__ ☐COMPOSITE:__ METHOD:__ FREQUENCY:
3. SAMPLES PRESERVED: ☐Y ☐N ☑NA ☐NE
4. FLOW PROPORTIONED SAMPLES OBTAINED: ☐Y ☐N ☑NA ☐NE
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE: ☐Y ☐N ☑NA ☐NE
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE: ☐Y ☐N ☑NA ☐NE
7. SAMPLE SPLIT WITH PERMITTEE: ☐Y ☐N ☑NA ☐NE
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED: ☐Y ☐N ☑NA ☐NE
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT: ☐Y ☐N ☑NA ☐NE

SECTION J: STORM WATER POLLUTION PREVENTION PLAN

STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS — ☐S ☐M ☐U ☑NA ☐NE

DETAILS:

1. SWPPP UPDATED AS NEEDED:__ DATE OF LAST UPDATE: ☐Y ☐N ☑NA ☐NE
2. SITE MAP INCLUDING ALL DISCHARGES AND SURFACE WATERS: ☐Y ☐N ☑NA ☐NE
3. POLLUTION PREVENTION TEAM IDENTIFIED: ☐Y ☐N ☑NA ☐NE
4. POLLUTION PREVENTION TEAM PROPERLY TRAINED: ☐Y ☐N ☑NA ☐NE
5. LIST OF POTENTIAL POLLUTANT SOURCES: ☐Y ☐N ☑NA ☐NE
6. LIST OF POTENTIAL SOURCES AND PAST SPILLS AND LEAKS: ☐Y ☐N ☑NA ☐NE
7. ALL NON-STORM WATER DISCHARGES ARE AUTHORIZED: ☐Y ☐N ☑NA ☐NE
8. LIST OF STRUCTURAL BMPS: ☐Y ☐N ☑NA ☐NE
9. LIST OF NON-STRUCTURAL BMPS: ☐Y ☐N ☑NA ☐NE
10. BMPS PROPERLY OPERATED AND MAINTAINED: ☐Y ☐N ☑NA ☐NE
11. INSPECTIONS CONDUCTED AS REQUIRED: ☐Y ☐N ☑NA ☐NE

FLOW CALCULATION SHEET

Date: **2-10-2022** Time: **10:20**

Head in Inches: **11.25”** Feet: **0.9375’**

Type & Size of Primary Flow Measurement Device: 3’ Parshall Flume

Name & Model of Secondary Flow Measurement Device: Siemens Hydro Ranger 200

Date of last Calibration of Secondary Flow Device:

Recorded Flow at Date & Time Listed Above: **6.85** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **6.92**

(Flow is calculated using flow charts in: ISCO Open Channel Flow Measurement Handbook-5th Edition)

$$\% \text{ Error} = \frac{\text{Recorded Value} - \text{Calculated Value}}{\text{Calculated Value}} \times 100$$

$$\% \text{ Error} = \frac{6.85 - 6.92}{6.92} \times 100$$

$$\% \text{ Error} = \frac{0.07}{6.92} \times 100$$

$$\% \text{ Error} = 0.01 \times 100$$

% Error = **1** %

Comments: **Meets requirement of +/-10%**

DMR Calculation Check

Reporting Period:	**From**	**2021**	**Feb**	**01**	**To**	**2021**	**Feb**	**28**
		Year	**Month**	**Day**		**Year**	**Month**	**Day**

Parameter Checked: **Phosphorus**

	Loading	**Concentration**	
	Mass	**Monthly**	
	Mo. Avg. - lbs/day	**Mo. Avg. - mg/l**	**7-day Avg. - mg/l**
Reported Value:	**8**	**0.2**	**0.2**
Calculated Value:	**8**	**0.2**	**0.2**
Permit Value:	**105**	**1.0**	**2.0**

If calculated value does not equal reported value, explain:

DMR Calculation Check

Reporting Period:	**From**	**2021** (Year)	**Nov** (Month)	**01** (Day)	**To**	**2021** (Year)	**Nov** (Month)	**30** (Day)

Parameter Checked: **Ammonia**

	Loading	**Concentration**	
	Mass	**Monthly**	
	Mo. Avg. - lbs/day	**Mo. Avg. - mg/l**	**7-day Avg. - mg/l**
Reported Value:	**4.0**	**0.1**	**0.1**
Calculated Value:	**4.0**	**0.1**	**0.1**
Permit Value:	**252.0**	**2.4**	**3.6**

If calculated value does not equal reported value, explain:

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:21**
Witness:				Photo #:	**1**
Description:	**Bar rack at headworks.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:25**
Witness:				Photo #:	**2**
Description:	**Grit vortex.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:25**
Witness:				Photo #:	**3**
Description:	**Odor control system for headworks.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:28**
Witness:				Photo #:	**4**
Description:	**One of the emergency generators for the facility.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:31**
Witness:				Photo #:	**5**
Description:	**Former primary clarifier that is being used for equalization.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:33**
Witness:				Photo #:	**6**
Description:	**Secondary clarifier with scum present. Due to recent freeze.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:39**
Witness:				Photo #:	**7**
Description:	**WAS and RAS pumps.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:45**
Witness:				Photo #:	**8**
Description:	**Oxidation train.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:51**
Witness:				Photo #:	**9**
Description:	**One of six operational sand filters.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:53**
Witness:				Photo #:	**10**
Description:	**Sodium Hypochlorite containment for sand filter area.**				

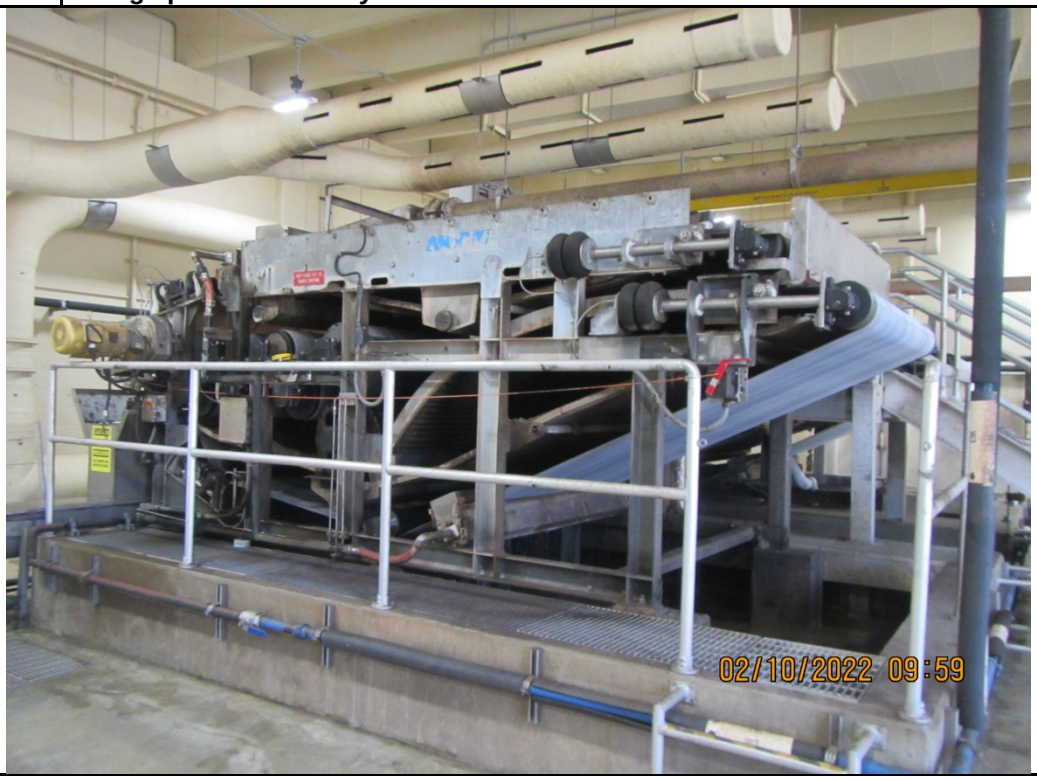
Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:56**
Witness:				Photo #:	**11**
Description:	**Sodium Hydroxide containment.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:56**
Witness:				Photo #:	**12**
Description:	**Sodium Hypochlorite containment.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:57**
Witness:				Photo #:	**13**
Description:	**Polymer storage.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:57**
Witness:				Photo #:	**14**
Description:	**Polymer aging tank.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**9:59**
Witness:				Photo #:	**15**
Description:	**Sludge press for facility.**				



Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:01**
Witness:				Photo #:	**16**
Description:	**Aluminum Sulfate containment.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:03**
Witness:				Photo #:	**17**
Description:	**Effluent of ozone disinfection.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:03**
Witness:				Photo #:	**18**
Description:	**Ozone disinfection area.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:04**
Witness:				Photo #:	**19**
Description:	**Thermometer used for composite sampler.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:04**
Witness:				Photo #:	**20**
Description:	**Composite sampler located near effluent of ozone disinfection.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:04**
Witness:				Photo #:	**21**
Description:	**Composite sampler log.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:05**
Witness:				Photo #:	**22**
Description:	**8,000 gallon liquid oxygen tank.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:07**
Witness:				Photo #:	**23**
Description:	**Pinnacle ozone generator.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:17**
Witness:				Photo #:	**24**
Description:	**Effluent flow meter.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:18**
Witness:				Photo #:	**25**
Description:	**Effluent 3' parshall flume.**				

Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:21**
Witness:				Photo #:	**26**
Description:	**Confluence of treatment plant effluent and the White River.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Paul R. Noland WWTF**				
Photographer:	**Cole Southerland**	Date:	**2/10/2022**	Time:	**10:23**
Witness:				Photo #:	**27**
Description:	**Outfall 001.**