

# ADEQ

ARKANSAS  
Department of Environmental Quality

September 20, 2018

Lioneld Jordan, Mayor  
City of Fayetteville  
113 West Mountain Street  
Fayetteville, AR 72701

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

Honorable Lionel Jordan:

On August 14, 2018, 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.

**Please refer to the “Summary of Findings” section of the attached inspection report and provide a written response for each violation that was noted.** This response should be mailed to the attention of the Water Division Inspection Branch at the address at the bottom of this letter or e-mailed to [Water-Inspection-Report@adeq.state.ar.us](mailto:Water-Inspection-Report@adeq.state.ar.us). This response should contain documentation describing the course of action taken to correct each item noted. This corrective action should be completed as soon as possible, and the written response with all necessary documentation (i.e. photos) is due by **October 14, 2018**.

If I can be of any assistance, please contact me at [grimesg@adeq.state.ar.us](mailto:grimesg@adeq.state.ar.us) or 479-267-0811 ext. 16.

Sincerely,



Garrett Grimes  
District 1 Field Inspector  
Office of Water Quality



ARKANSAS  
Department of Environmental Quality

# OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: 72-00781	PERMIT #: AR0020010	DATE: 8/14/2018
COUNTY: 72 Washington	PDS #: 104561	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**

### INSPECTION INFORMATION

FACILITY TYPE: <b>1 - Municipal</b>	INSPECTOR ID#: <b>104111 S - State</b>
FACILITY EVALUATION RATING: <b>4 - Satisfactory</b>	INSPECTION TYPE: <b>Compliance Evaluation</b>
DATE(S): <b>8/14/2018</b>	ENTRY TIME: <b>09:06</b>
EXIT TIME: <b>15:00</b>	PERMIT EFFECTIVE DATE: <b>1/1/2018</b>
	PERMIT EXPIRATION DATE: <b>12/31/2022</b>

### RESPONSIBLE OFFICIAL

NAME: / TITLE  
**Lionel Jordan / Mayor**  
COMPANY:  
**City of Fayetteville**  
MAILING ADDRESS:  
**113 West Mountain Street**  
CITY, STATE, ZIP:  
**Fayetteville AR 72701**  
PHONE & EXT: / FAX:  
**479-575-8390 /**  
EMAIL:

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

### INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:  
**Thom Vincent, Op Supervisor, Jacobs Engineering;**  
**Nick King, Lab Tech, Jacobs Engineering;**  
**Troy Ashby, Planner Scheduler/Lead Mechanic,**  
**Jacobs, Engineering;**  
**Paul Frisbie, Lead Operator, Jacobs Engineering;**  
**Tim Luther, Op Manager, Jacobs Engineering;**  
**Garrett Grimes, District 1 Inspector, ADEQ**

CONTACTED DURING INSPECTION: **No**

### AREA EVALUATIONS

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)

<b>S</b>	PERMIT	<b>S</b>	FLOW MEASUREMENT	<b>**</b>	STORMWATER
<b>S</b>	RECORDS/REPORTS	<b>S</b>	LABORATORY	<b>**</b>	FACILITY SITE REVIEW
<b>S</b>	OPERATION & MAINTENANCE	<b>S</b>	EFFLUENT/RECEIVING WATER	<b>**</b>	SELF-MONITORING PROGRAM
<b>S</b>	SAMPLING	<b>S</b>	SLUDGE HANDLING/DISPOSAL	<b>**</b>	PRETREATMENT
<b>**</b>	OTHER:				

### SUMMARY OF FINDINGS

The following violation was noted during the inspection:

1. Part III, Section C.5 – Reporting of Monitoring Results;
  - a. A temporary variance was issued by ADEQ for parameters CBOD5, NH3-N, and DO for months June – September 2018 (Attachment 1). This variance requires that the analytical results for the above parameters be attached to the DMR report. While reviewing the attached results for June 2018, it was noted that the 7-day average concentration is not calculated (Attachment 2, Page 7).

### GENERAL COMMENTS

- A large amount of midge larvae were observed in the clarifiers (Photo #1, Attachment 3). Mr. Frisbie stated that solids build-up on a ledge within the clarifier where midge larvae accumulate. This ledge should be cleaned in order to reduce the amount of nuisance insects.
- Oil was observed spilled on the ground within the facility's storage building (Photo #2).

INSPECTOR'S SIGNATURE:  Garrett Grimes	DATE: 9/10/2018
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SUPERVISOR'S SIGNATURE:  Jason Bolenbaugh	DATE: 9/19/2018
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<b>SECTION A: PERMIT VERIFICATION</b>	
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
<b>SECTION B: RECORDKEEPING AND REPORTING EVALUATION</b>	
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 type="checkbox"/> Y <input checked="" 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
<b>SECTION C: OPERATIONS AND MAINTENANCE</b>	
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: <u>Two 2 megawatt backup generators and a portable generator</u>	<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: <u>SCADA, lights, and siren</u>	<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: <u>Tom and Paul are Class 4, Tim is Class 3</u>	<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: <u>Maintenance Connect for list</u>	<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 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:	<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 type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE

<b>SECTION D: SAMPLING</b>	
<b>PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>DETAILS:</b>	
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
<b>SECTION E: FLOW MEASUREMENT</b>	
<b>PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>DETAILS:</b>	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: <u>3"</u> TYPE OF DEVICE: <u>Parshall Flume</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:	<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:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input 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
<b>SECTION F: LABORATORY</b>	
<b>PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS</b>	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>DETAILS:</b>	
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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>American Interplex, Ecotox</u>	
b. LAB ADDRESS:	
c. PARAMETERS PERFORMED: <u>American Interplex (various DMR), Ecotox (WET)</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

<b>SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS</b>							
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: <b>Foam observed appeared to be from agitation of the receiving stream.</b>							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	Clear	Yes	None	Clear	--
<b>SECTION H: SLUDGE DISPOSAL</b>							
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: <b>Sludge goes to biosolids management site for composting. Facility also sends sludge to landfill.</b>							
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):							
<b>SECTION I: SAMPLING INSPECTION PROCEDURES</b>							
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	
<b>SECTION J: STORM WATER POLLUTION PREVENTION PLAN</b>							
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	

## FLOW CALCULATION SHEET

Date: <b>8/14/2018</b>				Time: <b>12:40</b>			
Head in Inches: <b>9.75"</b>				Feet: <b>0.81</b>			
Type & Size of Primary Flow Measurement Device: <b>3' Parshall Flume</b>							
Name & Model of Secondary Flow Measurement Device:						Millitronics OCM III	
Date of last Calibration of Secondary Flow Device:						8/22/2017	
Recorded Flow at Date & Time Listed Above:				<b>6.05</b>		(Facility Flow Meter)	
Calculated Flow at Date & Time Listed Above:				<b>5.576</b>			
(Flow is calculated using flow charts in: <u>ISCO Open Channel Flow Measurement Handbook-5<sup>th</sup> Edition</u> )							
% Error =	Recorded Value		-	Calculated Value		X 100	
	Calculated Value						
% Error =	6.05		-	5.576		X 100	
	5.576						
% Error =	0.474		X 100				
	5.576						
% Error =	0.085		X 100				
% Error =	<b>8.5</b>		%				
Comments:							

**DMR Calculation Check**

Reporting Period: From 18 6 1 To 18 6 30  
 Year Month Day Year Month Day

Parameter Checked: CBOD

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>227.11</u>	<u>4.84</u>	<u>                    </u>
Calculated Value:	<u>227</u>	<u>5.0</u>	<u>5.8</u>
Permit Value:	<u>599*</u>	<u>5.7*</u>	<u>8.6*</u>

\*Values are from a temporary variance granted by ADEQ

If calculated value does not equal reported value, explain:

Rounding. 7-day average is not calculated on the DMR.

**DMR Calculation Check**

Reporting Period: From 18 6 1 To 18 6 31  
 Year Month Day Year Month Day

Parameter Checked: NH3-N

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>&lt;4.46</u>	<u>&lt;0.105</u>	<u>0.12</u>
Calculated Value:	<u>4</u>	<u>0.1</u>	<u>0.1</u>
Permit Value:	<u>53*</u>	<u>0.5*</u>	<u>0.8*</u>

\*Values are from a temporary variance granted by ADEQ

If calculated value does not equal reported value, explain:

Rounding.



Office of Water Quality Photographic Evidence Sheet

Location:	<b>Paul R. Noland WWTF</b>		
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>8/14/2018</b>
Witness:		Time:	<b>10:56</b>
		Photo #:	<b>1</b>
Description:	<b>Secondary clarifier with midge larvae (Red plume).</b>		



Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>8/14/2018</b>
Witness:		Time:	<b>12:26</b>
		Photo #:	<b>2</b>
Description:	<b>Oil containers over leaking secondary containment.</b>		





**A R K A N S A S**  
 Department of Environmental Quality

**MAY 29 2018**

Honorable Lioneld Jordan  
 Mayor, City of Fayetteville  
 113 W Mountain Street  
 Fayetteville, AR 72701

Re: Request for Temporary Variance  
 NPDES Permit Number AR0020010; AFIN 72-00781

Dear Mayor Jordan:

Pursuant to Ark Code Ann. § 8-4-230(a)(1)(A), please accept this letter as granting a Temporary Variance of CBOD<sub>5</sub>, NH<sub>3</sub>-N, and DO limits during the summer season (June-September), based on the request dated April 19, 2018 and further communications with the city on April 30, 2018, and May 16, 2018. The Temporary Variance limits for CBOD<sub>5</sub>, NH<sub>3</sub>-N, and DO are shown in the table below:

Temporary Variance Alternative Limits Summer Season (June-September)			
Parameter	Mass Limits (lb/day)	Concentration Limits (mg/L)	
		Monthly Avg	7-Day Avg
5-day Carbonaceous Biochemical Oxygen Demand (CBOD <sub>5</sub> )	599	5.7	8.6
Ammonia-Nitrogen (NH <sub>3</sub> -N)	53	0.5	0.8
Dissolved Oxygen (DO)	N/A	11.0 (Monthly Avg Minimum)	

Please be aware that issuance of this Temporary Variance does not relieve your obligation to comply with all other limits and requirements of the current NPDES permit or any enforcement action ordered by the Department. The facility shall report the CBOD<sub>5</sub>, NH<sub>3</sub>-N, and DO sample results on the facility’s NetDMR using No Data Indicator (NODI) Code “3” – (“Special Report Attached”). The facility shall attach to their NetDMR copies of the analytical results, the chain of custody, and this variance letter, for each month during the term of this variance.

As provided by Ark. Code Ann. § 8-4-230(e)(2) and Arkansas Pollution Control and Ecology Commission Regulation 8.216, this Temporary Variance is issued subject to the public’s right to object to this decision within ten (10) business days of the public notice of the decision. After consideration of any written objections, the Director may within thirty (30) calendar days of the date of the initial decision, for compelling reasons or good cause shown, revoke or modify the conditions of the temporary variance. The Director’s revocation or modification of the initial decision becomes a final decision for purposes of appeal. Upon issuance, notice of the final

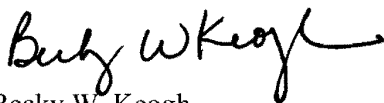
decision shall be sent to the applicant and those persons who submitted timely objections. If the Director's initial decision is not revoked or modified within thirty (30) calendar days of the date of the decision, the decision is deemed final for purposes of appeal.

The Department has prepared the enclosed public notice and will arrange for the publication of this document. An invoice for the cost of publishing the public notice and proof of publication will be sent to you by the advertising newspaper. The permittee must send proof of publication and payment as soon as possible but no later than 30 days from the above date to Arkansas Department of Environmental Quality, ATTN: Permits Branch – Office of Water Quality; 5301 Northshore Drive; North Little Rock, AR 72118-5317.

Any actions taken by City of Fayetteville - Paul R. Noland Wastewater Treatment Plant in reliance upon this Temporary Variance are strictly at the permittee's own risk, and no actions or expenditures by City of Fayetteville - Paul R. Noland Wastewater Treatment Plant during this period shall be construed as accruing equities in City of Fayetteville - Paul R. Noland Wastewater Treatment Plant's favor. Also, please note that the term of this Temporary Variance may not exceed ninety (90) days pursuant to Ark. Code Ann. § 8-4-230(a)(2). Therefore, if a modified permit is not issued within the 90 day time frame, the permittee must request in writing an extension of this Temporary Variance. Should City of Fayetteville - Paul R. Noland Wastewater Treatment Plant allow this Temporary Variance to expire or fail to submit a request for an extension in a timely manner prior to permit issuance, the facility could be subject to an enforcement action by the Department. In order to facilitate the review process, the facility should submit the request three (3) weeks prior to the expiration date, with proof that any delays resulted from circumstances beyond the facility control.

If you have any questions, please contact Bryan Leamons at (501) 683-5406.

Sincerely,



Becky W. Keogh  
Director

Enclosure

cc: Tim Nyander, Utilities Director (tnyander@fayetteville-ar.gov)  
Caleb J. Osborne, Associate Director, Office of Water Quality  
Robert E. Blanz, PhD, P.E., Chief Technical Officer  
Bryan Leamons, P.E., Senior Operations Manager, Office of Water Quality  
Richard Healey, Enforcement Branch Manager, Office of Water Quality  
Carrie McWilliams, P.E., Engineer Supervisor, Office of Water Quality  
Shane Byrum, Engineer, Office of Water Quality

NOTICE OF TEMPORARY ENVIRONMENTAL VARIANCE

City of Fayetteville - Paul R. Noland Wastewater Treatment Plant  
Permit Number AR0020010 – AFIN 72-00781

Notice is hereby given, pursuant to Ark Code Ann. Section 8-4-230(a)(1)(B), that the Director of the Arkansas Department of Environmental Quality (ADEQ), 5301 Northshore Drive, North Little Rock, AR 72118-5317, phone number (501) 682-0618, has granted a Temporary Variance to the City of Fayetteville - Paul R. Noland Wastewater Treatment Plant, 113 West Mountain Street, Fayetteville, AR 72701. The facility is hereby authorized to discharge treated wastewater during the summer season (June-September) with monthly average CBOD<sub>5</sub> limits of 5.7 mg/L and 599 lb/day, 7-day average CBOD<sub>5</sub> limits of 8.6 mg/L, monthly average NH<sub>3</sub>-N limits of 0.5 mg/L and 53 lb/day, 7-day average NH<sub>3</sub>-N limits of 0.8 mg/L, and a monthly average minimum DO limit of 11.0 mg/L, as supported by the water quality modeling analysis performed in response to the Temporary Variance application received April 19, 2018, and the application to modify the NPDES permit received January 28, 2018, prior to the issuance of the final modified permit. The Paul R. Noland Wastewater Treatment Plant is physically located at 1400 North Fox Hunter Road, Fayetteville, AR 72701.

Pursuant to Ark. Code Ann. § 8-4-230 and Arkansas Pollution Control and Ecology Commission Regulation 8.216, any member of the public may object to the Director's decision within ten (10) business days of the date of this notice. Objections will be accepted if submitted no later than 4:30 pm on the last day of the comment period. Written objections should be sent to: Arkansas Department of Environmental Quality, ATTN: Office of Water Quality, 5301 Northshore Drive, North Little Rock, AR 72118-5317 or by fax at 501-682-0910, or by e-mail at: [Water-Draft-Permit-Comment@adeq.state.ar.us](mailto:Water-Draft-Permit-Comment@adeq.state.ar.us).

After consideration of any timely written objections, the Director may revoke or modify the conditions of this temporary variance within thirty (30) calendar days of the date of this decision for compelling reasons or good cause shown. The Director's revocation or modification of her prior decision becomes a final decision for purposes of appeal. Upon issuance of the final decision, notice of the final decision will be sent to the applicant and those persons who submitted timely objections. If the Director's initial decision is not revoked or modified within thirty (30) calendar days of the date of the decision, the decision is deemed final for purposes of appeal.

Documents concerning this matter are available for viewing/copying at ADEQ's offices, 5301 Northshore Drive, North Little Rock, AR 72118 between the hours of 8:00 a.m. and 4:30 p.m.

Dated this 1<sup>st</sup> day of June, 2018

Becky W. Keogh, Director  
Arkansas Department of Environmental Quality

**Permit**

**Permit ID:** AR0020010 **Major:**

**Permittee:** FAYETTEVILLE, CITY OF **Permittee Address:** 1400 N FOX HUNTER RD  
FAYETTEVILLE, AR72701

**Facility:** FAYETTEVILLE, CITY OF-PAUL NOLAND W W TP **Facility Location:** 1400 N FOX HUNTER RD  
FAYETTEVILLE, AR72701

**Permitted Feature:** 001 - ExternalOutfall **Discharge:** 001-B - 001-MONTHLY-TRTD MUNICIPAL  
W W

**Report Dates & Status**

**Monitoring Period:** From 06/01/18 to 06/30/18 **DMR Due Date:** 07/25/18

**Status:** NetDMR Validated

**Considerations for Form Completion**

Report flow as monthly average & daily maximum in million gallons per day. (S) Use Overflows (74062) to report total number of SSOs/Month. Use Overflow volume (74063) to report total volume of SSOs in gallons/month. Report "0" (zero), if no overflows during the entire month. See Part II. 5. (SSO). 72-00781

**Principal Executive Officer**

**First Name:** Lionel **Last Name:** Jordan

**Title:** Mayor **Telephone:** 479-443-3292

**No Data Indicator (NODI)**

**Form NODI:** -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00300	Oxygen, dissolved [DO]	Smpl.										
1 - Effluent Gross												
Season: 1		Req.				> = 6.9 MO AV MN			19 - m g/L		03/07 - Three Per Week	GR - GRAB
NODI: -		NODI				3 - Special Report Attached						
00400	pH	Smpl.				= 7.3		= 7.6	12 - SU	0	12/30 - Twelve Per Month	GR - GRAB
1 - Effluent Gross												
Season: 0		Req.				> = 6 M INIMUM		< = 9 MAXIMUM	12 - SU		03/07 - Three Per Week	GR - GRAB
NODI: -		NODI										
00530	Solids, total suspended	Smpl.	< 140		26 - l/d		< 2.8	= 4.7	19 - m g/L	0	12/30 - Twelve Per Month	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	< = 525 MO AVG		26 - l/d		< = 5 MO AVG	< = 7 7 DA AVG	19 - m g/L		03/07 - Three Per Week	CP - COMPOS
NODI: -		NODI										
00610	Nitrogen, ammonia total [as N]	Smpl.										
1 - Effluent Gross												
Season: 1		Req.	< = 105 MO AVG		26 - l/d		< = 1 MO AVG	< = 1.5 7 DA AVG	19 - m g/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI				3 - Special Report Attached	3 - Special Report Attached	3 - Special Report Attached				
00630	Nitrite + Nitrate total [as N]	Smpl.	= 410		26 - l/d		= 7.2	= 7.2	19 - m g/L	0	01/30 - Monthly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	Req Mon MO AVG		26 - l/d		Req Mon MO AVG	Req Mon 7 DA AVG	19 - m g/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI										
00665	Phosphorus, total [as P]	Smpl.	= 11		26 - l/d		= 0.2	= 0.3	19 - m g/L	0	12/30 - Twelve Per Month	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	< = 105 MO AVG		26 - l/d		< = 1 MO AVG	< = 2 7 DA AVG	19 - m g/L		03/07 - Three Per Week	CP - COMPOS
NODI: -		NODI										
00940	Chloride [as Cl]	Smpl.	= 2038		26 - l/d		= 46	= 50	19 - m g/L	0	12/30 - Twelve Per Month	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	< = 6305 MO AVG		26 - l/d		< = 60 MO AVG	< = 90 7 DA AVG	19 - m g/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI										
00945	Sulfate, total [as SO4]	Smpl.	= 3873		26 - l/d		= 68	= 68	19 - m g/L	0	01/30 - Monthly	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	< = 10508 MO AVG		26 - l/d		< = 100 MO AVG	< = 150 7 DA AVG	19 - m g/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI										
50050	Flow, in conduit or thru treatment plant	Smpl.	= 4.96	= 7.66	03 - MGD					0	01/01 - Daily	TM - TO TALZ
1 - Effluent Gross												

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
Season: 0		Req.	Req Mon MO AVG	Req Mon DAILY MX	03 - MGD						01/01 - Daily	TM - TOTALZ
NODI: -		NODI										
70295	Solids, total dissolved	Smpl.	= 15016		26 - lb/d	= 333	= 345	19 - mg/L	0		12/30 - Twelve Per Month	CP - COMPOS
1 - Effluent Gross												
Season: 0		Req.	< = 46237 MO AVG		26 - lb/d	< = 440 MO AVG	< = 660 7 DA AVG	19 - mg/L			01/30 - Monthly	CP - COMPOS
NODI: -		NODI										
74055	Coliform, fecal general	Smpl.				= 178	= 364	13 - #/100m L	0		14/30 - 14 Per Month	GR - GRAB
1 - Effluent Gross												
Season: 1		Req.				< = 200 30DA GEO	< = 400 7 DA GEO	13 - #/100m L			03/07 - Three Per Week	GR - GRAB
NODI: -		NODI										
74062	Overflows	Smpl.	= 4		93 - occur/m o				0		999 - See Comments	999 - See Comments
S - See Comments												
Season: 0		Req.	Req Mon MO TOTAL		93 - occur/m o						999 - See Comments	999 - See Comments
NODI: -		NODI										
74063	Overflow volume [SS0 volume, CSO volume]	Smpl.	= 160		57 - gal				0		999 - See Comments	999 - See Comments
S - See Comments												
Season: 0		Req.	Req Mon MO TOTAL		57 - gal						999 - See Comments	999 - See Comments
NODI: -		NODI										
80082	BOD, carbonaceous [5 day, 20 C]	Smpl.										
1 - Effluent Gross												
Season: 1		Req.	< = 473 MO AVG		26 - lb/d	< = 4.5 MO AVG	< = 6.8 7 DA AVG	19 - mg/L			03/07 - Three Per Week	CP - COMPOS
NODI: -		NODI	3 - Special Report Attached			3 - Special Report Attached	3 - Special Report Attached					

**Submission Note**

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**

No errors.

**Comments**

Part III.D.6. SSO Summary information attached.

**Attachments**

Name	Type	Size
NoIand_COC_June_2018.pdf	pdf	2559244
NoIand_Analytical_Report_June_2018.pdf	pdf	131739
AR0020010_Letter_Re_Temporary_Variance_Granted_and_PN_20180529.pdf	pdf	210773
NoIand_SSO_Report_June_2018.pdf	pdf	176483

**Report Last Saved By**

**FAYETTEVILLE, CITY OF**

User: THOM.VINSON1@CH2M.COM  
Name: Thomas Vinson  
E-Mail: thom.vinson@ch2m.com  
Date/Time: 2018-07-23 07:41 (Time Zone:-05:00)

**Report Last Signed By**

User: tnyander@fayetteville-ar.gov  
Name: Tim Nyander  
E-Mail: tnyander@fayetteville-ar.gov  
Date/Time: 2018-07-23 07:44 (Time Zone:-05:00)





1400 N. Foxhunter Rd.  
 Fayetteville, AR 72756  
 F +1.214.638.0447/479.443.3292  
 www.jacobs.com

Arkansas Department of Environmental Quality  
 5301 Northshore Drive  
 North Little Rock, AR 72118-5317

**Subject: June 2018 analytical lab data for Paul R. Noland WRRF NPDES #AR0020010; AFIN 72-00781**

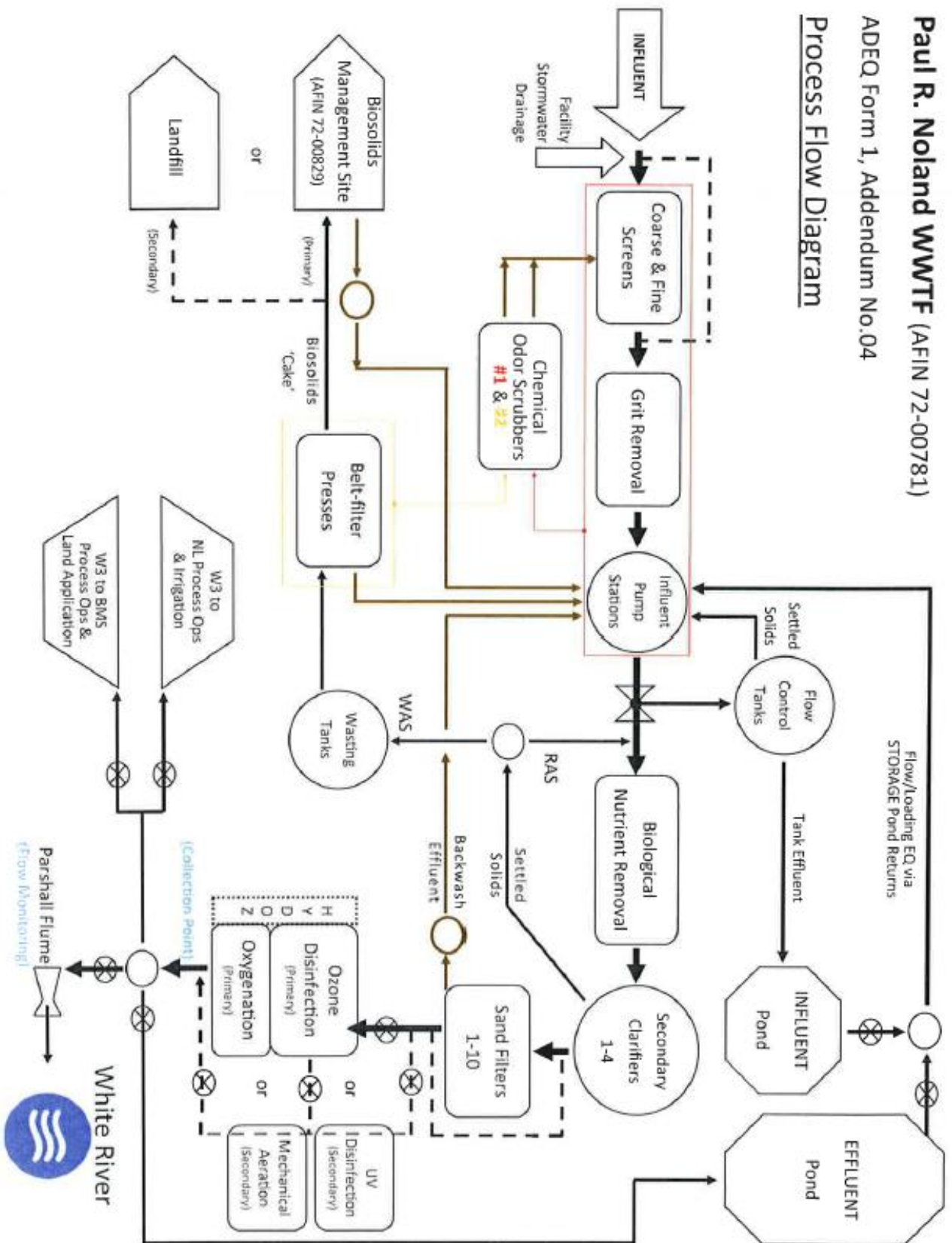
**This report contains the June analytical results for the Paul R. Noland WRRF NPDES #AR0020010 for CBODs, NH<sub>3</sub>-N, and D.O. as required by the temporary variance granted by ADEQ on May 29, 2018.**

White River Discharge Analytical Data 6/1/2018 - 6/30/2018	WR effluent CBOD mg/l	WR effluent CBOD lbs lbs/day	WR effluent Ammonia mg/l	WR effluent Ammonia lbs lbs/day	WR effluent D.O. mg/l
6/1/2018 - Friday					
6/2/2018 - Saturday					
6/3/2018 - Sunday					
6/4/2018 - Monday	5.3	245.76312	<0.1	<4.63704	15.11
6/5/2018 - Tuesday	5.2	296.20344			15.56
6/6/2018 - Wednesday	6.5	398.4435			14.86
6/7/2018 - Thursday					
6/8/2018 - Friday					
6/9/2018 - Saturday					
6/10/2018 - Sunday					
6/11/2018 - Monday	6	359.2872	<0.1	<5.98812	13.52
6/12/2018 - Tuesday	5.4	244.54548			10.44
6/13/2018 - Wednesday	6	313.2504			11.01
6/14/2018 - Thursday					
6/15/2018 - Friday					
6/16/2018 - Saturday					
6/17/2018 - Sunday					
6/18/2018 - Monday	7.5	272.718	0.12	4.363488	18.22
6/19/2018 - Tuesday					
6/20/2018 - Wednesday					
6/21/2018 - Thursday					14.53
6/22/2018 - Friday	3	91.5732			15.2
6/23/2018 - Saturday	3.1	121.25526			
6/24/2018 - Sunday					
6/25/2018 - Monday	3.1	87.9036	<0.1	<2.8356	11.02
6/26/2018 - Tuesday	2.9	138.10206			10.4
6/27/2018 - Wednesday	4.1	156.26658			10.69
6/28/2018 - Thursday					
6/29/2018 - Friday					
6/30/2018 - Saturday					
Avg	4.84	227.11	<0.105	<4.46	13.38
Max	7.5	398.44	0.12	<5.99	18.22
Min	2.9	87.9	<0.100	<2.84	10.4

# Paul R. Noland WWTF (AFIN 72-00781)

ADEQ Form 1, Addendum No.04

## Process Flow Diagram



# Noland WRRF Water Flow



**From:** [Luther, Tim/FAY](#)  
**To:** [Water-Inspection-Report](#)  
**Cc:** [Weeks, Greg/FAY](#); [Vinson, Thom/FAY](#)  
**Subject:** FW: Noland WWTP Inspection Violation  
**Date:** Friday, October 12, 2018 4:37:20 PM  
**Attachments:** [image001.png](#)  
[ADEQ Noland Inspection report \(pdf\).pdf](#)  
[June 2018 Noland Analytical Report revised.pdf](#)  
[3155\\_001.pdf](#)

---

Water Division Inspection Branch,

Please see the attached documentation to the recent Noland WWTP inspection violation, with the analytical report attached. Below you will find the City of Fayetteville's Utilities Director, Tim Nyander's, email response. Please let us know if you have any questions.

Best regards,

[Tim Luther](#)  
[Jacobs](#)  
Operations Manager  
479-443-3292  
479-790-4747 mobile  
479-443-5613 fax  
[tim.luther@jacobs.com](mailto:tim.luther@jacobs.com)  
1400 North Fox Hunter Road  
Fayetteville, AR 72704  
USA  
[www.jacobs.com](http://www.jacobs.com)

---

**From:** Nyander, Tim <[tnyander@fayetteville-ar.gov](mailto:tnyander@fayetteville-ar.gov)>  
**Sent:** Friday, October 12, 2018 3:18 PM  
**To:** Pemberton, Layne <[PEMBERTON@adeq.state.ar.us](mailto:PEMBERTON@adeq.state.ar.us)>; [grimes@adeq.state.ar.us](mailto:grimes@adeq.state.ar.us);  
[bolenbaugh@adeq.state.ar.us](mailto:bolenbaugh@adeq.state.ar.us)  
**Cc:** Weeks, Greg/FAY <[Greg.Weeks@jacobs.com](mailto:Greg.Weeks@jacobs.com)>; Blythe, Bob <[rblythe@fayetteville-ar.gov](mailto:rblythe@fayetteville-ar.gov)>  
**Subject:** [EXTERNAL] Noland WWTP Inspection Violation

Gentlemen,  
Attached please find the City of Fayetteville's responses to the recent Noland WWTP inspection violation, with the analytical report attached.  
If you have any questions or comments please don't hesitate to call me.

Thank you

Tim Nyander  
Utilities Director  
479.575.8386  
[tnyander@fayetteville-ar.gov](mailto:tnyander@fayetteville-ar.gov)

[Website](#) | [Facebook](#) | [Twitter](#) | [Instagram](#) | [YouTube](#)



---

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.





October 12, 2018

ATTN: Office of Water Quality Compliance Branch  
Arkansas Department of Environmental Quality  
5301 North Shore Drive  
North Little Rock, Arkansas 72118-5317

RE: Fayetteville West Side WWTP Inspection  
AFIN: 72-00781 Permit No: AR0020010

ADEQ Compliance Branch,

The following are the findings from the Noland Plant ADEQ inspection and our responses to the violations:

1. Part III, Section C.5 – Reporting of Monitoring Results;
  - a. Violation – A temporary variance was issued by ADEQ for parameters CBOD5, NH3-N, and DO for months June – September 2018 (Attachment 1). This variance requires that the analytical results for the above parameters be attached to the DMR report. While reviewing the attached results for June 2018, it was noted that the 7-day concentration is not calculated (Attachment 2, Page 7)

Comment – The 7-day concentration was only calculated for the days in June and did not include the days for the month of May that should have been listed as required by the 7-day rule. Attached is the corrected calculation sheet. This sheet will also be added to the June 2018 NetDMR and resubmitted.

Thank you,



Tim Nyander  
Utilities Director

479.575.8386

[tnyander@fayetteville-ar.gov](mailto:tnyander@fayetteville-ar.gov)

[Website](#) | [Facebook](#) | [Twitter](#) | [Instagram](#) | [YouTube](#)



CITY OF  
**FAYETTEVILLE**  
ARKANSAS

cc: [grimes@adeq.ar.us](mailto:grimes@adeq.ar.us)

cc: [bolenbaugh@adeq.ar.us](mailto:bolenbaugh@adeq.ar.us)



1400 N. Foxhunter Rd.  
 Fayetteville, AR 72756  
 F +1.214.638.0447/479.443.3292  
 www.jacobs.com

Arkansas Department of Environmental Quality  
 5301 Northshore Drive  
 North Little Rock, AR 72118-5317

**Subject: June 2018 analytical lab data for Paul R. Noland WRRF NPDES #AR0020010; AFIN 72-00781**  
**This report contains the June analytical results for the Paul R. Noland WRRF NPDES #AR0020010 for CBODs, NH3-N, and D.O. as required by the temporary variance granted by ADEQ on May 29, 2018.**

White River Discharge Analytical Data 5/27/2018 - 6/30/2018	WR effluent CBOD mg/l	WR effluent CBOD lbs lbs/day	WR effluent Ammonia mg/l	WR effluent Ammonia lbs lbs/day	WR effluent D.O. mg/l
May 27 - Sunday					
May 28 - Monday	5.2	321.35688	0.11	6.797934	14.26
May 29 - Tuesday	5	262.71			12.31
May 30 - Wednesday	5.8	252.50184			11.33
May 31 - Thursday					
6/1/2018 - Friday					
6/2/2018 - Saturday					
6/3/2018 - Sunday					
6/4/2018 - Monday	5.3	245.76312	<0.1	<4.63704	15.11
6/5/2018 - Tuesday	5.2	296.20344			15.56
6/6/2018 - Wednesday	6.5	398.4435			14.86
6/7/2018 - Thursday					
6/8/2018 - Friday					
6/9/2018 - Saturday					
6/10/2018 - Sunday					
6/11/2018 - Monday	6	359.2872	<0.1	<5.98812	13.52
6/12/2018 - Tuesday	5.4	244.54548			10.44
6/13/2018 - Wednesday	6	313.2504			11.01
6/14/2018 - Thursday					
6/15/2018 - Friday					
6/16/2018 - Saturday					
6/17/2018 - Sunday					
6/18/2018 - Monday	7.5	272.718	0.12	4.363488	18.22
6/19/2018 - Tuesday					
6/20/2018 - Wednesday					
6/21/2018 - Thursday					14.53
6/22/2018 - Friday	3	91.5732			15.2
6/23/2018 - Saturday	3.1	121.25526			
6/24/2018 - Sunday					



White River Discharge Analytical Data	WR effluent CBOD mg/l	WR effluent CBOD lbs lbs/day	WR effluent Ammonia mg/l	WR effluent Ammonia lbs lbs/day	WR effluent D.O. mg/l
5/27/2018 - 6/30/2018					
6/25/2018 - Monday	3.10	87.903600	<0.10	<2.8356	11.02
6/26/2018 - Tuesday	2.9	138.10206			10.4
6/27/2018 - Wednesday	4.1	156.26658			10.69
6/28/2018 - Thursday					
6/29/2018 - Friday					
6/30/2018 - Saturday					
Monthly Sum		2725.31		<17.82	
Monthly Avg	4.84	227.11	<0.105	<4.46	13.38
Monthly Max	7.5	398.44	0.12	<5.99	18.22
Monthly Min	2.9	87.9	<0.100	<2.84	10.4
7-Day Average Maximum	5.8		0.1		

# ADEQ

ARKANSAS  
Department of Environmental Quality

November 6, 2018

Lioneld Jordan, Mayor  
City of Fayetteville  
113 West Mountain Street  
Fayetteville, AR 72701

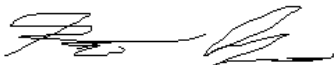
RE: Adequate Response to Compliance Evaluation Inspection  
AFIN: 72-00781 Permit No.: AR0020010

Honorable Lioneld Jordan:

The Department has received your October 12, 2018, response to the Compliance Evaluation Inspection conducted on August 14, 2018. Your response adequately addresses the request in the Summary of Findings section of the report. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If I need further information concerning this matter, I will contact you. Thank you for your attention to this matter. If I can be any assistance please feel free to contact me at [grimesg@adeq.state.ar.us](mailto:grimesg@adeq.state.ar.us) or 479.267.0811 ext. 16.

Sincerely,



Garrett Grimes  
District 1 Field Inspector  
Office of Water Quality