

# ADEQ

ARKANSAS  
Department of Environmental Quality

October 12, 2018

Heath Ward, Executive Director  
Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72765

RE: Springdale POTW Inspection  
AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

On September 20, 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 Office of Water Quality Compliance 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 30, 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 extension 16.

Sincerely,



Garrett Grimes  
District 1 Field Inspector  
Office of Water Quality



**ARKANSAS**  
Department of Environmental Quality

## OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: 72-00003	PERMIT #: AR0022063	DATE: 9/20/2018
COUNTY: 72 Washington	PDS #: 104914	MEDIA: WN
GPS LAT: 36.211196 LONG: -94.160504 LOCATION: Entrance		

### FACILITY INFORMATION

NAME:  
**Springdale POTW**

LOCATION:  
**2910 Silent Grove Road**

CITY:  
**Springdale**

### 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>9/20/2018</b>	ENTRY TIME: <b>10:05</b>	EXIT TIME: <b>16:35</b>	PERMIT EFFECTIVE DATE: <b>4/1/2004</b>
			PERMIT EXPIRATION DATE: <b>3/31/2009</b>

### RESPONSIBLE OFFICIAL

NAME: / TITLE  
**Heath Ward / Executive Director**

COMPANY:  
**Springdale Water Utilities**

MAILING ADDRESS:  
**P.O. Box 769**

CITY, STATE, ZIP:  
**Springdale AR 72765**

PHONE & EXT: / FAX:  
**479-751-5751 /**

EMAIL:  
**tphillips@springdalewater.com**

CONTACTED DURING INSPECTION: **No**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

### INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:

**Jennifer Enos, Wastewater Facilities Director, Springdale Water Utilities;**

**Loren Sharp, Wastewater Operations Manager, Springdale Water Utilities;**

**Bradley J. Stewart, Pretreatment Manager, Springdale Water Utilities;**

**Tiffany Mallard, Laboratory Supervisor, Springdale Water Utilities;**

**Garrett Grimes, District 1 Inspector, ADEQ**

### 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>M</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:

- Springdale's POTW is currently utilizing all of its aeration basins due to increased loading. While conducting the facility walkthrough, multiple small leaks were observed on the previously unused train #2 and on train #1 (Photos #1 - #5, Attachment 1). This is a violation of Part II, Section B.1.a of the permit.

**GENERAL COMMENTS**

- The cover of Springdale’s original Outfall 001 was leaking at the time of the inspection (Photo #6). This discharge was also observed during a 2016 inspection.
- Excluding the previous finding, at the time of the inspection Springdale’s POTW appeared clean and well operated/maintained, and city staff were well-versed on the operation and sampling processes. Springdale’s POTW conducts most of its monitoring in-house, and the on-site laboratory was clean and a good record-keeping and equipment calibration/maintenance program was in place.
- The POTW had recently sustained an upset due to an unknown illicit discharge entering the facility. This caused microbial die-off within the plant and diminished the POTW’s ability to remove Ammonia causing a spike in concentration following the upset. Springdale reported this to ADEQ and at the time of the inspection the facility appeared to have recovered. Jennifer Enos, Wastewater Facilities Director, stated that the source of the upset has not been determined yet.
- Springdale’s POTW sludge processing building was being upgraded at the time of the inspection. Some sediment was observed throughout the facility from associated construction activities (Photo #7). A Construction General Permit for a small construction site is currently being maintained by the contractor group.

INSPECTOR’S SIGNATURE:	 Garrett Grimes	DATE: 10/10/2018
SUPERVISOR’S SIGNATURE:	 Jason Bolenbaugh	DATE: 10/11/2018

<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 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: <u>Leak in original outfall</u>	<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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
2. SAMPLING AND ANALYSES DATA ADEQUATE AND INCLUDE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
a. DATES AND TIME(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
b. EXACT LOCATION(S) OF SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
d. ANALYTICAL METHODS AND TECHNIQUES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
e. RESULTS OF CALIBRATIONS:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
f. RESULTS OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
g. DATES AND TIMES OF ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
h. NAME OF PERSON(S) PERFORMING ANALYSES:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAINTENANCE RECORDS ADEQUATE:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
<b>SECTION C: OPERATIONS AND MAINTENANCE</b>	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input type="checkbox"/> S <input checked="" 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: <u>Leaks in aeration basin</u>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: <u>Multiple backup generators</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, 24-hour personnel, Light and sound alarms</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:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE: <u>Ops 10 Software for maintenance</u>	<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: <u>Had to send wastewater to EQ basin, one event where wastewater was blended</u>	<input checked="" type="checkbox"/> Y <input 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

<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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input 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>36"</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 checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
5. DUPLICATE SAMPLES ARE ANALYZED $\geq$ 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
6. SPIKED SAMPLES ARE ANALYZED $\geq$ 10% OF THE TIME:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
7. COMMERCIAL LABORATORY USED:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
a. LAB NAME: <u>Pace Analytical</u>	
b. LAB ADDRESS: <u>9608 Loiret Blvd, Lenexa Kansas</u>	
c. PARAMETERS PERFORMED: <u>WET Test</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 type="checkbox"/> Y <input type="checkbox"/> N <input checked="" 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:							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	None	None	None	Trace	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: <u>All sent to Tontitown</u>							
1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY:						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503:						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE	
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE): <u>N/A – no land app on annual reports</u>							
<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: **9/20/2018** Time: **14:10**

Head in Inches: **18** Feet: **1.5**

Type & Size of Primary Flow Measurement Device: **36" Parshall Flume**

Name & Model of Secondary Flow Measurement Device: **Delta Controls Corp. Model 872FM-SC-25-AA**

Date of last Calibration of Secondary Flow Device: **3/9/2018**

Recorded Flow at Date & Time Listed Above: **14.79 MGD** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **14.64 MGD**

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

% Error =	Recorded Value	-	Calculated Value	X 100	
	Calculated Value				

% Error =	14.79	-	14.64	X 100	
	14.64				

% Error =	0.15	X 100	
	14.64		

% Error =	0.01	X 100	
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% Error =	<b>1</b>	%	
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Comments:

**DMR Calculation Check**

Reporting Period: From 2018 7 1 To 2018 7 31  
 Year Month Day Year Month Day

Parameter Checked: Fecal

	<b>Loading Mass Mo. Avg. - lbs./day</b>	<b>Concentration Monthly Mo. Avg. - mg/l</b>	<b>7-day Avg. - mg/l</b>
Reported Value:	_____	<u>53</u>	<u>125</u>
Calculated Value:	_____	<u>53</u>	<u>125</u>
Permit Value:	_____	<u>200</u>	<u>400</u>

If calculated value does not equal reported value, explain:



**DMR Calculation Check**

Reporting Period: From 2018 07 01 To 2018 07 31  
 Year Month Day Year Month Day

Parameter Checked: Ammonia Nitrogen

	<b>Loading Mass</b>	<b>Concentration</b>	
	Mo. Avg. - lbs./day	Mo. Avg. - mg/l	7-day Avg. - mg/l
Reported Value:	<u>24.9</u>	<u>0.2</u>	<u>0.25</u>
Calculated Value:	<u>25</u>	<u>0.2</u>	<u>0.3</u>
Permit Value:	<u>301</u>	<u>1.5</u>	<u>2.3</u>

If calculated value does not equal reported value, explain:

Rounding

**Office of Water Quality Photographic Evidence Sheet**



Location:	<b>Springdale POTW</b>		
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>
Witness:		Time:	<b>13:41</b>
		Photo #:	<b>1</b>
Description:	<b>Small leak on train #2 (1 of 3).</b>		



Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>
Witness:		Time:	<b>13:41</b>
		Photo #:	<b>2</b>
Description:	<b>Small leak on train #2 (2 of 3).</b>		





Office of Water Quality Photographic Evidence Sheet			
Location:	<b>Springdale POTW</b>		
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>
Witness:		Time:	<b>13:42</b>
		Photo #:	<b>3</b>
Description:	<b>Small leak on train #2 (3 of 3).</b>		
			
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>
Witness:		Time:	<b>13:46</b>
		Photo #:	<b>4</b>
Description:	<b>Small leak on train #1 (1 of 2).</b>		
			



**Office of Water Quality Photographic Evidence Sheet**

Location:	<b>Springdale POTW</b>				
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>	Time:	<b>13:47</b>
Witness:				Photo #:	<b>5</b>
Description:	<b>Small leak on train #1 (2 of 2).</b>				



Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>	Time:	<b>14:03</b>
Witness:				Photo #:	<b>6</b>
Description:	<b>Leaking effluent from the original Outfall 001 location.</b>				



**Office of Water Quality Photographic Evidence Sheet**

Location:	<b>Springdale POTW</b>				
Photographer:	<b>Garrett Grimes, District 1 Inspector</b>	Date:	<b>9/20/2018</b>	Time:	<b>12:45</b>
Witness:				Photo #:	<b>7</b>
Description:	<b>Photo of the construction site. Some sediment from run-off was observed in the entrance and parking area as well as within the facility.</b>				





Attachment 1: Map of Springdale's POTW.

- 1.) Influent & Screen House
- 2.) Basin Trains #2 (West) & #1 (East)
- 3.) Basin Trains #4 (South) & #3 (North)
- 4.) Clarifiers
- 5.) Filter beds
- 6.) Cl<sub>2</sub> Contact Chamber
- 7.) Outfall
- 8.) EQ Basins
- 9.) Unused clarifier/Overflow Backup
- 10.) Sludge Processing
- 11.) Odor Control
- 12.) Chemical Storage
- 13.) Maintenance & Storage
- 14.) Unused Clarifiers and Trickling Filters
- 15.) Backup Generator Building
- 16.) Office & Lab



# ADEQ

ARKANSAS  
Department of Environmental Quality

**CERTIFIED MAIL: 9489 0090 0027 6022 2308 34**

November 15, 2018

Heath Ward, Executive Director  
Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72756

RE: Springdale POTW Compliance Evaluation Inspection – Failure to Respond  
AFIN: 72-00003 Permit No.: AR0022063


Dear Mr. Ward:

A letter dated October 12, 2018 was sent to you by ADEQ. The letter outlined the findings of my September 20, 2018, Compliance Evaluation Inspection of the above referenced facility. The letter requested that a written response be submitted to the Office of Water Quality Compliance Branch of this Department by October 30, 2018. To date, no response has been received.

Please submit a written response by **December 1, 2018**. A copy of the inspection report has been included for your convenience.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 479-267-0811, ext. 16 or you may e-mail me at [grimesg@adeq.state.ar.us](mailto:grimesg@adeq.state.ar.us).

Sincerely,



Garrett Grimes  
District 1 Field Inspector  
Office of Water Quality

**From:** [Grimes, Garrett](#)  
**To:** ["Heath Ward"](#)  
**Cc:** [Bolenbaugh, Jason](#); [McConnell, Melissa](#)  
**Subject:** RE: inspection response receipt  
**Date:** Monday, November 26, 2018 9:50:38 AM  
**Attachments:** [image001.png](#)

---

Mr. Ward,

I double checked our database and the only response is for the Collection System Inspection. If you can have the response to the Compliance Evaluation Inspection scanned and submitted to my email I'll review it.

Thank you,  
Garrett Grimes

---

**From:** Heath Ward [mailto:[hward@springdalewater.com](mailto:hward@springdalewater.com)]  
**Sent:** Wednesday, November 21, 2018 5:01 PM  
**To:** Grimes, Garrett  
**Cc:** Brad Stewart; Jennifer  
**Subject:** FW: inspection response receipt

Mr. Grimes,

I am in receipt of a certified letter from your office yesterday November 20 for failure to respond on the Springdale POTW Evaluation Inspection for Permit AR0022063.

We checked our records and they show we did respond in a timely manner. We have a receipt of a certified letter that was received by your office on the 26<sup>th</sup> of October, which was before the October 30 deadline.

Perhaps it did not get forwarded internally. We pride ourselves on being timely. If you need further documentation a response was sent or if we need to scan and e-mail that response, we are more than happy to do so.

Have a happy Thanksgiving holiday.

Thank you.

*Heath A. Ward*  
*Executive Director*  
*Springdale Water Utilities*  
*479-751-5751*

---

**From:** Brad Stewart



**Sent:** Wednesday, November 21, 2018 3:40 PM  
**To:** Heath Ward <hward@springdalewater.com>  
**Cc:** Jennifer <jenos@springdalewater.com>  
**Subject:** inspection response receipt

See attached

Brad Stewart  
Pretreatment Manager  
Springdale Water Utilities  
(479) 756-3657  
[bstewart@springdalewater.com](mailto:bstewart@springdalewater.com)



Honesty, Integrity and Service

\_\_\_\_\_The content of this email is confidential and intended for the recipient specified in message only. It is strictly forbidden to share any part of this message with any third party, without a written consent of the sender. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

**From:** [Heath Ward](#)  
**To:** [Grimes, Garrett](#)  
**Cc:** [Bolenbaugh, Jason](#); [McConnell, Melissa](#); [Brad Stewart](#); [Jennifer](#)  
**Subject:** RE: inspection response receipt  
**Date:** Monday, November 26, 2018 3:07:54 PM  
**Attachments:** [image001.png](#)

---

Mr. Grimes,

We are getting the documents scanned and sent to you with a proof of delivery as well. If you get the POD and the response, is this acceptable or would you like us to write a more formal response? Either way is fine with us.

Thank you.

Heath Ward

---

**From:** Grimes, Garrett [mailto:grimes@adeq.state.ar.us]  
**Sent:** Monday, November 26, 2018 9:51 AM  
**To:** Heath Ward <hward@springdalewater.com>  
**Cc:** Bolenbaugh, Jason <BOLENBAUGH@adeq.state.ar.us>; McConnell, Melissa <MCCONNELL@adeq.state.ar.us>  
**Subject:** RE: inspection response receipt

Mr. Ward,

I double checked our database and the only response is for the Collection System Inspection. If you can have the response to the Compliance Evaluation Inspection scanned and submitted to my email I'll review it.

Thank you,  
Garrett Grimes

---

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**Sent:** Wednesday, November 21, 2018 5:01 PM  
**To:** Grimes, Garrett  
**Cc:** Brad Stewart; Jennifer  
**Subject:** FW: inspection response receipt

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We checked our records and they show we did respond in a timely manner. We have a receipt of a certified letter that was received by your office on the 26<sup>th</sup> of October, which was before the October 30 deadline.

Perhaps it did not get forwarded internally. We pride ourselves on being timely. If you need further documentation a response was sent or if we need to scan and e-mail that response, we are more than happy to do so.

Have a happy Thanksgiving holiday.

Thank you.

*Heath A. Ward*  
*Executive Director*  
*Springdale Water Utilities*  
*479-751-5751*

---

**From:** Brad Stewart  
**Sent:** Wednesday, November 21, 2018 3:40 PM  
**To:** Heath Ward <[hward@springdalewater.com](mailto:hward@springdalewater.com)>  
**Cc:** Jennifer <[jenos@springdalewater.com](mailto:jenos@springdalewater.com)>  
**Subject:** inspection response receipt

See attached


Brad Stewart  
Pretreatment Manager  
Springdale Water Utilities  
(479) 756-3657  
[bstewart@springdalewater.com](mailto:bstewart@springdalewater.com)



Honesty, Integrity and Service

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mistake does not occur in the future.

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# Springdale Water Utilities

526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 (479) 751-5751

October 24, 2018

Garrett Grimes, District 1 Field Inspector  
Arkansas Department of Environmental Quality  
Office of Water Quality  
5301 Northshore Dr.  
North Little Rock, AR 72118-5317

RE: Springdale POTW Inspection Response  
Permit No. AR0022063  
AFIN No. 72-00003

Dear Mr. Grimes:

This letter is in response to the violation noted in the report you sent subsequent to the Compliance Evaluation Inspection you conducted on Springdale's Wastewater Treatment Facility on September 20, 2018. In its Summary of Findings, you wrote:

The following violation was noted during the inspection:

- Springdale's POTW is currently utilizing all of its aeration basins due to increased loading. While conducting the facility walkthrough, multiple small leaks were observed on the previously unused train #2 and on train #1 (Photos #1 - #5, Attachment 1). This is a violation of Part II, Section B.1.a of the permit.

Staff is aware of a number of nonstructural hairline cracks in cement walls of the process trains, all of which have lime deposition along them and appear to have self-sealed. When they were checked today, only two showed any dampness present at all with all the rest being completely dry. Neither of the two damp cracks had any moisture dripping from them. These cracks have been present for decades and have not grown or increased appreciably in that time.

One "leak", on an expansion joint on train #1, should be noted. (inspection Photo #5). This joint was repaired in 2015 when the basin was out of service. When it was put back in service in 2016, there was still a small seep in the repair, at the base of the wall. Attempts have been made two more times to seal the bottom of the joint while the basin was in service with limited success. It is planned to take the train completely out of service next summer to clean the area and redo the repair from both the inside and the outside of the basin. This is the only seepage from either basin large enough to allow

water to reach the ground. A stagnant puddle smaller than a tennis ball in diameter is present at the base of the wall with no flow from it. Because of its minute size and because the leak has not gotten any worse in two years, it is our belief that waiting for summer to allow the basin to be cleaned and remain dry during the repair is prudent.

A minor repair is also planned for one other small seep. When train #2 was constructed, it was not originally built to the correct height. The basin wall had to be extended upward. At the joint between the original wall and the expanded height is a small seep not identified in the inspection. It is scheduled to be repaired with hydraulic cement at the same time as the expansion joint repair described above. This repair can be done without draining the basin and is not large enough to allow water to reach the ground.

Attached to this response, please find copies of invoices submitted to Springdale Water Utilities by Roberts-McNutt, Inc. As you can see, they have been used over the last several years to address minor leaks in basins throughout Springdale's WWTF. That ongoing, routine maintenance is expected and will continue as concrete basins and expansion joints age. Therefore, it is our contention that the hairline, nonstructural cracks and minimal seepage observed are not a violation but rather are a normal part of the aging process that is being addressed in a judicious, ongoing manner.

We take great pride in the exemplary operation and maintenance of Springdale's WWTF, and trust that this response adequately addresses the concerns you expressed in the CEI. Please do not hesitate to contact me at 479-751-5751 if you have any questions concerning our response.

Sincerely,



Heath Ward  
Executive Director  
Springdale Water Utilities

JEE/jee  
Cc: JEE, file

Enclosures

Roberts-McNutt, Inc.  
P.O. BOX 17756  
NO. LITTLE ROCK, AR 72117-7756

# INVOICE

Due date: 7/4/2015

**Bill To:**

Springdale Water Utilities  
526 Oak Ave.  
Springdale, AR 72764

Springdale WWTP  
2910 Silent Grove Rd.  
Springdale, AR. 72765

Invoice number: GB377

Invoice date: 6/9/2015

P.O. Number: 18553

Terms:

Qty	Units	Description	Price	Amount
		Cut out and resealed interior and exterior walls of Train 1. Repaired and patched concrete in (6) locations of walls and cat walks.		
		Contract amount due		5,007.00

Thank you for your business!

#444  
J.E. Les

Accounts 30 days past due are subject to penalties and finance charges.  
Accounts 60 days past due are subject to liens filed against the property.

Total due: 5,007.00

Roberts-McNutt, Inc.

P.O. BOX 17756

NO. LITTLE ROCK, AR 72117-7756

# INVOICE

Due date: 11/23/2015

Springdale Water Utilities  
2910 Silent Grove Rd.  
Springdale, AR. 72765

**Bill To:**

Springdale Water Utilities  
526 Oak Ave.  
Springdale, AR 72764

Invoice number: GB391

Invoice date: 10/29/2015

P.O. Number: 18705

Terms:

Qty	Units	Description	Price	Amount
		Cut out and recaulked control joints in basin bowl. Cut out and replaced concrete where cracked or missing.		
		Contract amount due		9,557.00

Thank you for your business!

*Supernatant Basin Repairs  
#4442  
[Signature]*

Accounts 30 days past due are subject to penalties and finance charges  
Accounts 60 days past due are subject to liens filed against the property.

**Total due: 9,557.00**



# INVOICE

Roberts-McNutt, Inc.

P.O. BOX 17756

NO. LITTLE ROCK, AR 72117-7756

Due date: 2/27/2016

Springdale Water Util Basin#2

2910 Silent Grove Rd.

Springdale, AR. 72765

**Bill To:**

Springdale Water Utilities

526 Oak Ave.

Springdale, AR 72764

Invoice number: G0505

Invoice date: 2/2/2016

P.O. Number: 18864

Terms:

Qty	Units	Description	Price	Amount
		Caulked approx 400 lf of cracks. Removed bad concrete in basin bowl and patched as needed.		
		Work complete: 12/23/15		
		Amount due		1,980.00

Thank you for your business!

*Repairs to North EQ Basin  
# 4442  
J.E. Lewis*

Accounts 30 days past due are subject to penalties and finance charges.  
Accounts 60 days past due are subject to liens filed against the property.

Total due: 1,980.00

Roberts-McNutt, Inc.  
P.O. BOX 17756  
NO. LITTLE ROCK, AR 72117-7756

# INVOICE

Due date: 2/27/2016

**Bill To:**

Springdale Water Utilities  
526 Oak Ave.  
Springdale, AR 72764

Springdale Water Utiliti Tank#2  
2910 Silent Grove Rd.  
Springdale, AR. 72765

Invoice number: G0506

Invoice date: 2/27/2016

P.O. Number: 18870

Terms:

Qty	Units	Description	Price	Amount
		Cut out and recaulked (3) control joints in Tank #2		
		Work complete: 12/23/15		
		Contract amount due		1,968.00

Thank you for your business!

*Joint repairs to Train #2*  
*#4442*  
*AJE*

Accounts 30 days past due are subject to penalties and finance charges.  
Accounts 60 days past due are subject to liens filed against the property.

Total due: 1,968.00

Roberts-McNutt, Inc.  
P.O. BOX 17756  
NO. LITTLE ROCK, AR 72117-7756

# INVOICE

Due date: 7/4/2016

Springdale Water Utilites #2  
2910 Silent Grove Rd.  
Springdale, AR. 72765

**Bill To:**

Springdale Water Utilities  
526 Oak Ave.  
Springdale, AR 72764

Invoice number: G0515  
Invoice date: 6/9/2016  
P.O.Number:  
Terms:

Qty	Units	Description	Price	Amount
		Cut out and recaulked joints at deep ends of basin bowl #2		
		Contract amount due		1,398.00
Thank you for your business!				

*PO# 19035*  
*Expansion joint repairs Train #2 carousel*  
*#4442*  
*[Signature]*

Accounts 30 days past due are subject to penalties and finance charges.  
Accounts 60 days past due are subject to liens filed against the property.

Total due: 1,398.00

Roberts-McNutt, Inc.  
P.O. BOX 17756  
NO. LITTLE ROCK, AR 72117-7756

# INVOICE

Due date: 10/22/2017

**Bill To:**

Springdale Water Basin Bowl  
2910 Silent Grove Rd.  
Springdale, AR. 72765

Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72765

Invoice number: GB471  
Invoice date: 9/27/2017  
P.O.Number:  
Terms:

Quantity	Units	Description	Price	Amount
		Cut out and re-sealed control joints in basin bowl. Cut out and patched cracks on upper curbs.		
		Contract amount due		18,057.00

Thank you for your business!

PO# 19786  
EQ Basin Repairs  
#02-4441  
*[Signature]*

COMPLETED  
10/13/17

Accounts 30 days past due are subject to penalties and finance charges.  
Accounts 60 days past due are subject to liens filed against the property.

Total due: 18,057.00

SPRINGDALE WATER UTILITIES  
PO BOX 769  
SPRINGDALE AR 72765-0769

**CERTIFIED MAIL®**



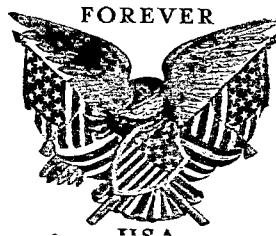
7016 2710 0000 4574 5991

ADEQ

5301 NORTHSHORE DR

NORTH LITTLE ROCK, AR

72118-5317



U.S. POSTAGE PAID  
FCM LETTER  
GREENLAND, AR  
72737  
OCT 24, 18  
AMOUNT

**\$6.41**

R2305E126078-04



72118

# ADEQ

ARKANSAS  
Department of Environmental Quality

January 9, 2019

Heath Ward, Executive Director  
Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72765

RE: Springdale POTW Compliance Evaluation Inspection  
AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

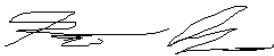
I have reviewed your response pertaining to my September 20, 2018, Compliance Evaluation Inspection of the above referenced facility. However, the information provided does not sufficiently address the violations referenced in my inspection report. Please provide the following:

1. **Violation of Part II, Section B.1.a of the permit:** Your response states that all the cracks noted in the report, excluding the leak on an expansion joint in Train #1, are nonstructural and have self-sealed. Please submit photographs showing that these cracks are no longer leaking.

The above item requires your immediate attention. Please submit a written response to these items to the Office of Water Quality Compliance Branch of this Department. This response should be mailed to the address at the bottom of the first page of the letter or e-mailed to [Water-Inspection-report@adeq.state.ar.us](mailto:Water-Inspection-report@adeq.state.ar.us). This response is due by **January 25, 2019**.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at 479-267-0811, ext. 16 or you may e-mail me at [grimesg@adeq.state.ar.us](mailto:grimesg@adeq.state.ar.us).

Sincerely,



Garrett Grimes  
District 1 Field Inspector  
Office of Water Quality



# Springdale Water Utilities

526 Oak Avenue P.O. Box 769 Springdale, Arkansas 72765-0769 479-751-5751

January 24, 2019

Garrett Grimes, District 1 Field Inspector  
ADEQ Office of Water Quality  
5301 Northshore Drive  
North Little Rock, AR 72118-5317  
[Water-Inspection-report@adeq.state.ar.us](mailto:Water-Inspection-report@adeq.state.ar.us)

RE: Springdale POTW Compliance Evaluation Inspection  
AFIN No. 72-00003  
NPDES Permit No. AR0022063  
Additional information request – 09/20/18 CEI

Dear Mr. Grimes:

With this letter please find the photographs of cracks observed in Process Trains 1 and 2 during your CEI on September 20, 2018. These were taken within the last week and demonstrate that the nonstructural cracks observed have self-sealed since the inspection. They are labeled in a manner to allow you to match them up with your photos. An attempt was also made to replicate the size and angle of your original photos to simplify comparison.

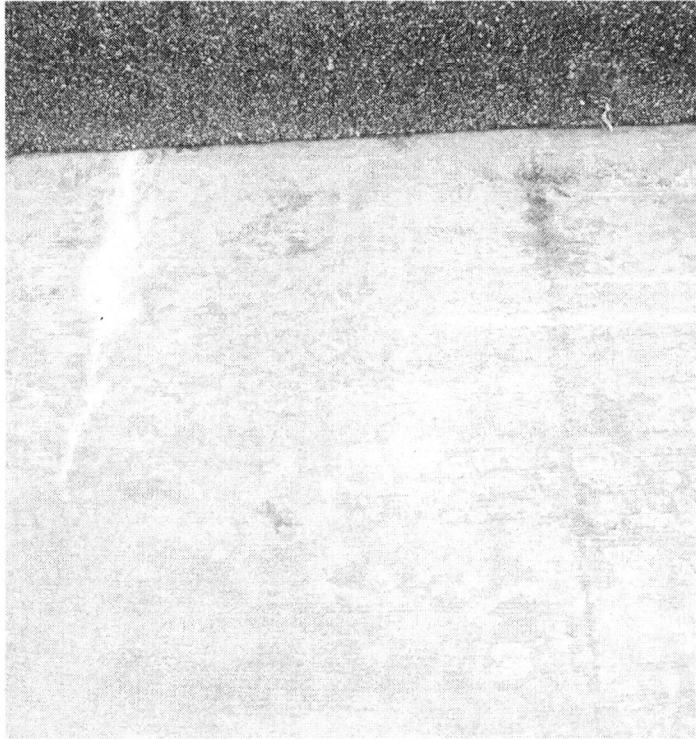
Also attached is a photograph of the expansion joint in Train #1. As you can see, there is very little seepage from it. It is our plan to drain Train #1 this summer and attempt a more aggressive repair to this joint when ambient temperatures are more conducive to a successful repair.

If you have any further questions concerning our facility maintenance program or require additional information, please do not hesitate to contact me or Jennifer Enos, Springdale Wastewater Facilities Director.

Sincerely,

Heath A. Ward  
Executive Director  
Springdale Water Utilities

JEE/jee  
Cc: JEE, file  
Attachments/enclosures



TRAIN #2  
(30F3)

← NOTE:  
SHADOW  
(NOT WATER)

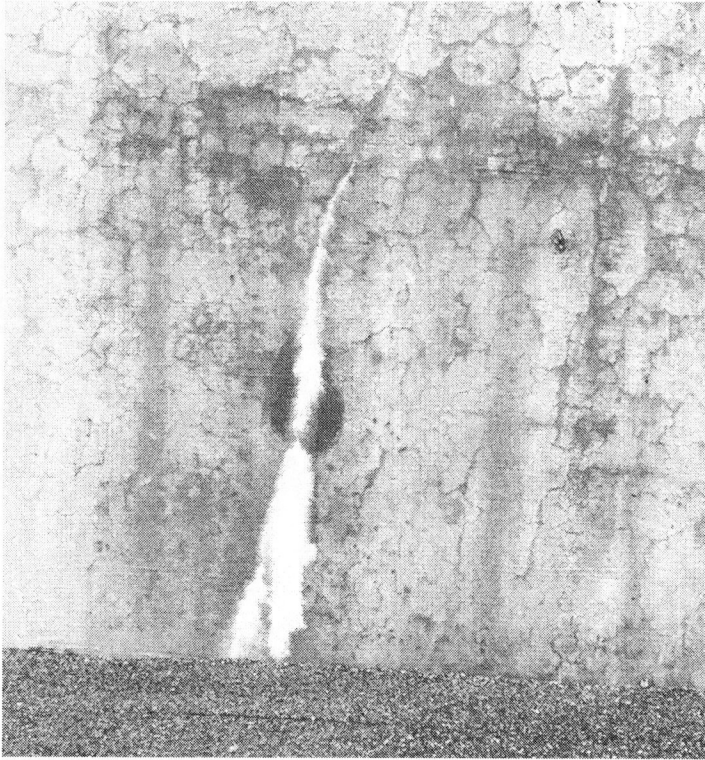


TRAIN #2  
(20F3)



TRAIN #2  
(10F3)





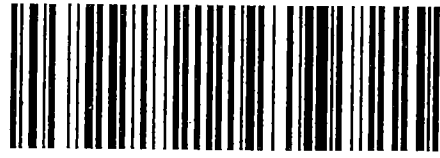
TRAIN #1  
(10F2)



TRAIN #1  
(20F2)

Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72765-0769

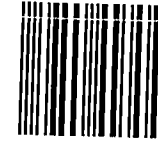
**CERTIFIED MAIL®**



7016 2710 0000 4574 6011



1000



72118

U.S. POSTAGE PAID  
FCM LG ENV  
SPRINGDALE, AR  
72764  
JAN 25, 19  
AMOUNT

**\$7.41**

R2305E125649-04

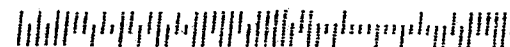
**RETURN RECEIPT  
REQUESTED**

**RETURN RECEIPT  
REQUESTED**

ADEQ  
5301 NORTSHORE DRIVE  
NORTH LITTLE ROCK, AR 72118-5317

**RETURN RECEIPT  
REQUESTED**

**RETURN RECEIPT  
REQUESTED**



# ADEQ

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

September 26, 2019

Heath Ward, Executive Director  
Springdale Water Utilities  
P.O. Box 769  
Springdale, AR 72756

RE: Adequate Response to Inspection  
AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

The Department has received your response to the letter sent by ADEQ requesting additional information regarding the September 20, 2018 Inspection at your facility. 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