ARKANSAS
ENERGY & ENVIRONMENT

December 21, 2022

Heath Ward, Executive Director
Springdale Water and Sewer Commission
P.O. Box 769
Springdale, AR 72765
Via email: hward@springdalewater.com & jenos@springdalewater.com

RE: Springdale Water & Sewer Comm Inspection
AFIN: 72-00003 Permit No.: AR0022063

Dear Mr. Ward:

On August 17, 2022, 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 inspection report and provide a written response for each item that was noted. This response should be mailed to the attention of the Office of Water Quality Compliance Branch at the address below my signature or emailed to Water-Inspection-Report@adeq.state.ar.us. This response should contain documentation describing the course of action taken to correct each item noted. The corrective action(s) should be completed as soon as possible and the written response with all necessary documentation (i.e. photos) is due by **January 5, 2023**.

If I can be of any assistance please contact me at grimes@adeq.state.ar.us or 501-837-2067.

Sincerely,

Garrett Grimes
Inspector, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118

ENVIRONMENTAL QUALITY

OFFICE OF WATER QUALITY INSPECTION REPORT

AFIN: **72-00003**	PERMIT #: **AR0022063**	DATE: **8/17/2022**
COUNTY: **72 Washington**	PDS #: **123909**	MEDIA: **WN**
GPS LAT: **36.21124** LONG: **-94.16053** LOCATION: **General Area**		

FACILITY INFORMATION

NAME:
Springdale Water & Sewer Comm
LOCATION:
2910 Silent Grove Road
CITY:
Springdale

RESPONSIBLE OFFICIAL

NAME: / TITLE
Heath Ward / Executive Director
COMPANY:
Springdale Water and Sewer Commission
MAILING ADDRESS:
P.O. Box 769
CITY, STATE, ZIP:
Springdale AR 72765
PHONE & EXT: / FAX:
479-751-5751 /
EMAIL:
hward@springdalewater.com & jenos@springdalewater.com

CONTACTED DURING INSPECTION: **No**

INSPECTION INFORMATION

FACILITY TYPE:	INSPECTOR ID#:
1 - Municipal	**104111 S - State**

FACILITY EVALUATION RATING:	INSPECTION TYPE:
3 - Satisfactory	**Compliance Evaluation**

DATE(S):	ENTRY TIME:	EXIT TIME:	PERMIT EFFECTIVE DATE:
8/17/2022	**09:15**	**16:30**	**1/1/2022**
			PERMIT EXPIRATION DATE: **12/31/2026**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Jennifer Enos, Wastewater Facilities Director, SWU;
Bradley Stewart, Pretreatment Manager, SWU;
Paul Frisbie, Wastewater Operations Supervisor, SWU;
Garrett Grimes, District 1 Inspector, DEQ

AREA EVALUATIONS

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

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

SUMMARY OF FINDINGS

The following items were noted during the inspection:

1. **Part I Section A. Effluent Limitations and Monitoring;**
   Effluent excursions were reported on the Monthly Discharge Monitoring Reports (DMRs) for Total Suspended Solids (TSS) in March 2020 and Ammonia Nitrogen (NH_3-N) in September 2020 (Attachment 1). Non-Compliance Reports (NCRs) were submitted with these excursions. No further action is required.

2. **Part III Section C.2 Flow Measurement;**
   A flow calibration check was conducted during the inspection which revealed a device accuracy deviation of -18% which exceeds the ±10% requirement in the permit (See report page 7 and Photos #1 - #4). Paul Frisbie, Wastewater Operations Supervisor, SWU, stated the facility was experiencing elevated flows from a recent storm event and provided documents showing the flow measurement device had been calibrated on June 22, 2022, and routine calibration checks were occurring (Attachment 2). The Springdale Water and Sewer Commission must verify that the secondary flow measurement device is accurate within the limits described in the permit. At the time of the inspection the above mentioned device was being scheduled for replacement.

GENERAL COMMENTS

- **The facility is currently undergoing preparations for Phase 1 of an upgrade plan that will incorporate the addition of several new clarifiers and will rebuild the clarifiers currently in use following these additions (Attachment 3). The rebuild will incorporate covers to reduce or eliminate the growth of algae in the launder and weirs of the clarifiers. According to Jennifer Enos, Wastewater Facilities Director, Springdale Water Utilities (SWU) and Bradley Stewart, Pretreatment Manager, SWU, algae is removed from the clarifiers utilizing a two person team for the brushing and capturing of loose algae on a regular basis. Brush arms are also attached to the clarifiers to allow for a certain degree of self-cleaning (Photo #5). However, algal buildup was observed beginning to accumulate in the weirs of the clarifiers during the inspection (Photo #6). The facility may need to increase the frequency of the cleaning schedule for these clarifiers.**

- **Some duckweed was observed in the south bio track (Photo #7, Attachment 3). Ms. Enos stated that this location is the only location duckweed appears in these treatment units and that it is routinely removed.**

- **The Springdale Water and Sewer Commission utilizes an in-house laboratory for routine compliance analysis of its effluent. A Laboratory Records Request was provided to the facility during the inspection. Records submitted will be audited separately.**

- **The Springdale Water and Sewer Commission's wastewater treatment facility is very well operated and maintained. Personnel present are willing to take time and explain all function and operation of the in-use treatment units in detail and clearly display pride in their facility.**

INSPECTOR'S SIGNATURE: Garrett Grimes **Garrett Grimes**	DATE: **8/26/2022**
SUPERVISOR'S SIGNATURE: Brent L Walker **Brent L. Walker**	DATE: **12/20/2022**

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

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

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

SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS:	
1. EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :	☑Y ☐N ☐NA ☐NE
2. IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:	☑Y ☐N ☐NA ☐NE
3. SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:	☑Y ☐N ☐NA ☐NE
4. QUALITY CONTROL PROCEDURES ADEQUATE:	☑Y ☐N ☐NA ☐NE
5. DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
6. SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:	☑Y ☐N ☐NA ☐NE
7. COMMERCIAL LABORATORY USED:	☑Y ☐N ☐NA ☐NE
a. LAB NAME: **American Interplex/ Pace Analytical**	
b. LAB ADDRESS: **8600 Kanis Road, Little Rock, AR 72204/ 9608 Loiret Blvd., Lenexa. KS 66219**	
c. PARAMETERS PERFORMED: **Sludge/ WET Testing**	
8. BIOMONITORING PROCEDURES ADEQUATE: **Evaluated by the DEQ Office of Water Quality Planning Branch, records present**	☐Y ☐N ☐NA ☑NE
a. PROPER ORGANISMS USED:	☐Y ☐N ☐NA ☐NE
b. PROPER DILUTION SERIES FOLLOWED:	☐Y ☐N ☐NA ☐NE
c. PROPER TEST METHODS AND DURATION:	☐Y ☐N ☐NA ☐NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	☐Y ☐N ☐NA ☐NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

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

DETAILS:

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

SECTION H: SLUDGE DISPOSAL

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

DETAILS: **Class A sludge purchased by a private entity and sold to farmers for land app in Madison County**

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: ☑S ☐M ☐U ☐NA ☐NE
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: ☑S ☐M ☐U ☐NA ☐NE
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE):

SECTION I: SAMPLING INSPECTION PROCEDURES

SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS — ☐S ☐M ☐U ☑NA ☐NE

DETAILS:

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

SECTION J: STORM WATER POLLUTION PREVENTION PLAN

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

DETAILS: **No-exposure exclusion (see separate report)**

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

FLOW CALCULATION SHEET

Date:	**8/17/2022**	Time:	**14:17**
Head in Inches:		Feet:	**1.88'**

Type & Size of Primary Flow Measurement Device: 3' Parshall flume

Name & Model of Secondary Flow Measurement Device:	Milltronics XPS-10
Date of last Calibration of Secondary Flow Device:	6/10/2022
Recorded Flow at Date & Time Listed Above:	**16.99 MGD (1.65')** (Facility Flow Meter)
Calculated Flow at Date & Time Listed Above:	**20.84 MGD**

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

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

$$\% \text{ Error} = \frac{16.99 - 20.84}{20.84} \times 100$$

$$\% \text{ Error} = \frac{-3.85}{20.84} \times 100$$

$$\% \text{ Error} = -0.185 \times 100$$

% Error = **-18.5** %

Comments:

DMR Calculation Check

Reporting Period: From **2022** (Year) **06** (Month) **01** (Day) To **2022** (Year) **06** (Month) **30** (Day)

Parameter Checked: **CBOD**

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	Concentration Monthly 7-day Avg. - mg/l
Reported Value:	**149.4**	**1.3**	**2.1**
Calculated Value:	**149.4**	**1**	**2**
Permit Value:	**2001.6**	**10**	**15**

If calculated value does not equal reported value, explain:
Rounding

DMR Calculation Check

Reporting Period: From **2022** (Year) **06** (Month) **01** (Day) To **2022** (Year) **06** (Month) **30** (Day)

Parameter Checked: **Ammonia N**

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	Concentration Monthly 7-day Avg. - mg/l
Reported Value:	**7.7**	**0.07**	**0.08**
Calculated Value:	**7.8**	**0.07**	**0.08**
Permit Value:	**300.2**	**1.5**	**2.3**

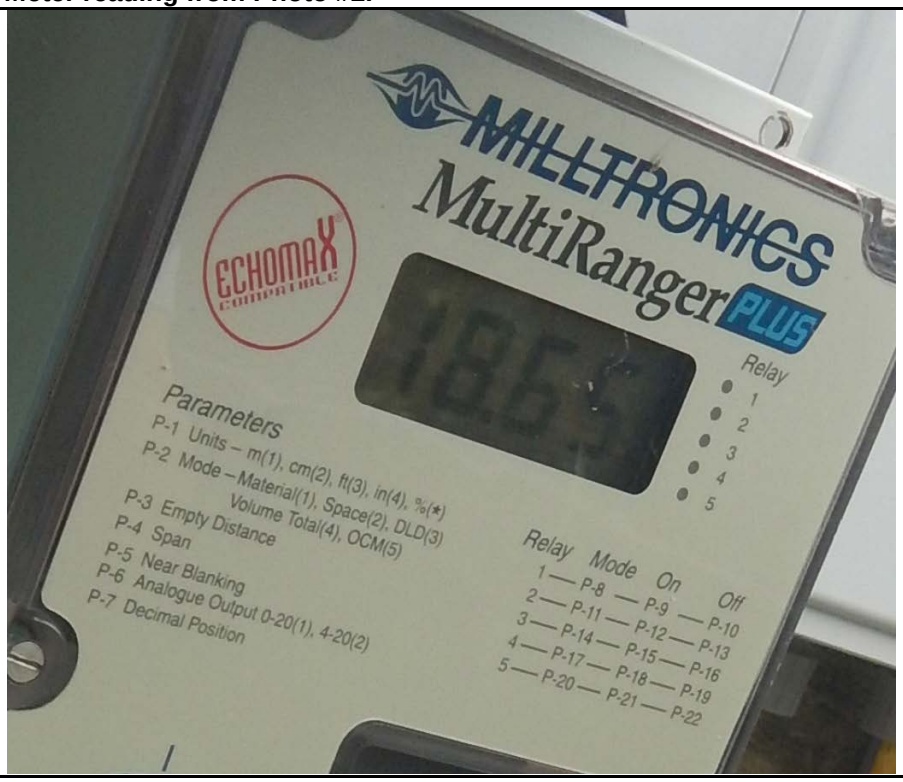
If calculated value does not equal reported value, explain:
Rounding, significant digits

Office of Water Quality Photographic Evidence Sheet					
Location:	**Springdale Water & Sewer Comm**				
Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**14:17**
Witness:				Photo #:	**1**
Description:	**Parshall flume**				

Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**14:17**
Witness:				Photo #:	**2**
Description:	**Close-up from Photo #1 showing the staff gauge at the time of calibration check.**				

Office of Water Quality Photographic Evidence Sheet					
Location:	**Springdale Water & Sewer Comm**				
Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**14:17**
Witness:				Photo #:	**3**
Description:	**Secondary flow measurement device.**				

Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**14:17**
Witness:				Photo #:	**4**
Description:	**Meter reading from Photo #2.**				



Office of Water Quality Photographic Evidence Sheet					
Location:	**Springdale Water & Sewer Comm**				
Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**11:27**
Witness:				Photo #:	**5**
Description:	**Brush arm used in the clarifiers.**				

Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**11:26**
Witness:				Photo #:	**6**
Description:	**Clarifier weirs. Algae beginning to accumulate.**				

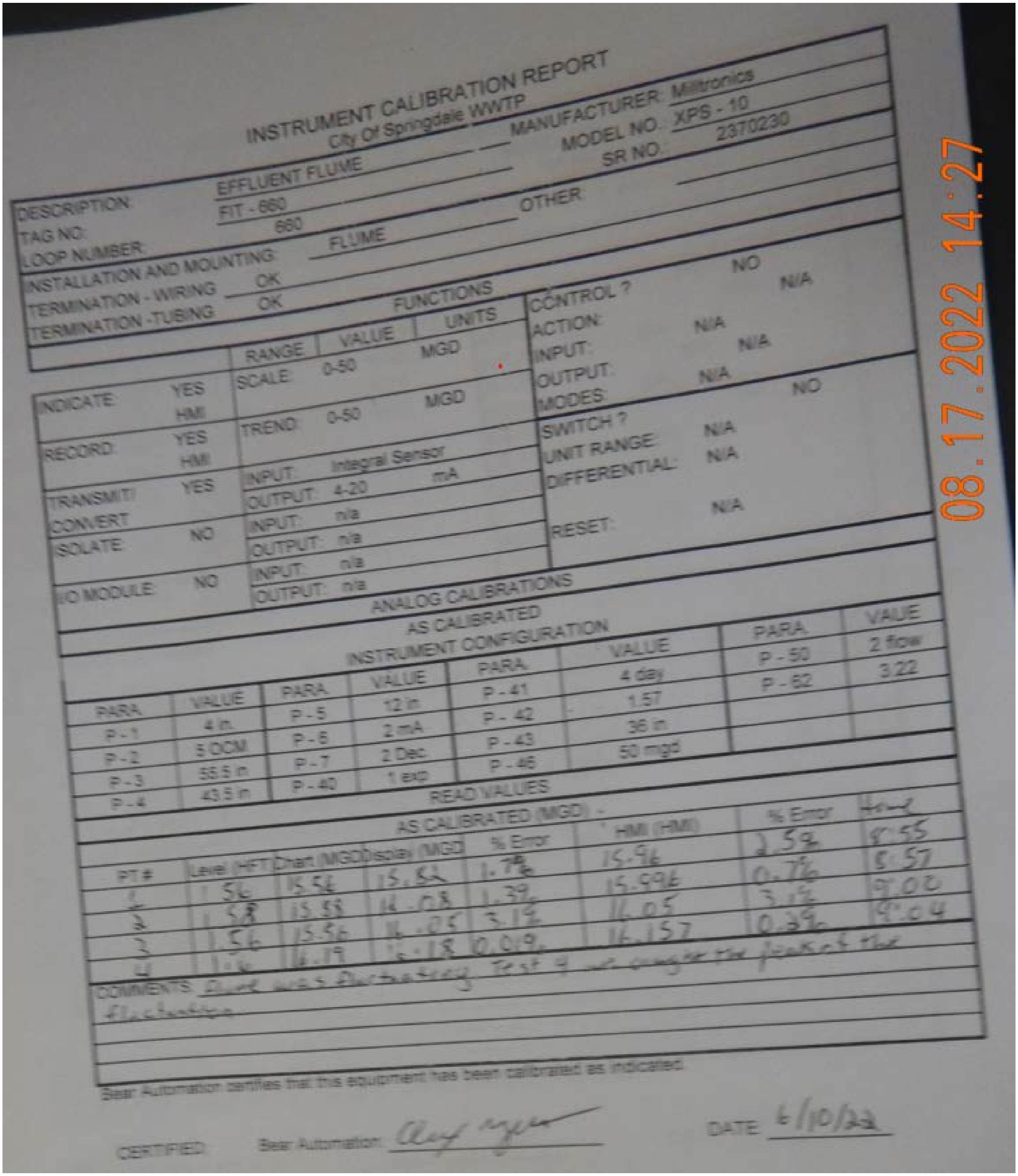
Office of Water Quality Photographic Evidence Sheet					
Location:	**Springdale Water & Sewer Comm**				
Photographer:	**Garrett Grimes, District 1 Inspector**	Date:	**8/17/2022**	Time:	**12:01**
Witness:				Photo #:	**7**
Description:	**Duckweed accumulating in the Bio Track.**				

Inspection Report: **Springdale Water & Sewer Comm**, AFIN: **72-00003**, Permit #: **AR0022063**

Attachment 1: Effluent excursions.

DMR End Date	Disch-Desig	Parameter Desc	Reported DMR Value	Limit Value	Vio %
03/31/2020	001-A	Solids, total suspended (MO AVG, lb/d)	**4678.9**	3003	56%
03/31/2020	001-A	Solids, total suspended (MO AVG, mg/L)	**22.9**	15	53%
03/31/2020	001-A	Solids, total suspended (7 DA AVG, mg/L)	**64.4**	23	180%
09/30/2020	001-A	Nitrogen, ammonia total [as N] (7 DA AVG, mg/L)	**2.35**	2.3	2%

Attachment 2: Calibration record.



08.17.2022 14:27

INSTRUMENT CALIBRATION REPORT

City Of Springdale WWTP

DESCRIPTION:	EFFLUENT FLUME	MANUFACTURER:	Milltronics
TAG NO:	FIT - 660	MODEL NO.:	XPS - 10
LOOP NUMBER:	660	SR NO:	2370230
INSTALLATION AND MOUNTING:	FLUME	OTHER:	
TERMINATION - WIRING:	OK		
TERMINATION - TUBING:	OK		

FUNCTIONS

		RANGE	VALUE	UNITS	
INDICATE:	YES HMI	SCALE:	0-50	MGD	
RECORD:	YES HMI	TREND:	0-50	MGD	
TRANSMIT/ CONVERT	YES	INPUT:	Integral Sensor		
		OUTPUT:	4-20	mA	
ISOLATE:	NO	INPUT:	n/a		
		OUTPUT:	n/a		
I/O MODULE:	NO	INPUT:	n/a		
		OUTPUT:	n/a		

CONTROL ?		NO
ACTION:	N/A	N/A
INPUT:		N/A
OUTPUT:	N/A	
MODES:		NO
SWITCH ?		
UNIT RANGE:	N/A	
DIFFERENTIAL:	N/A	
RESET:	N/A	

ANALOG CALIBRATIONS

AS CALIBRATED

INSTRUMENT CONFIGURATION

PARA	VALUE	PARA	VALUE	PARA	VALUE	PARA	VALUE
P - 1	4 in.	P - 5	12 in	P - 41	4 day	P - 50	2 flow
P - 2	5 OCM	P - 6	2 mA	P - 42	1.57	P - 62	3.22
P - 3	55.5 in	P - 7	2 Dec	P - 43	36 in		
P - 4	43.5 in	P - 40	1 exp	P - 46	50 mgd		

READ VALUES

AS CALIBRATED (MGD)

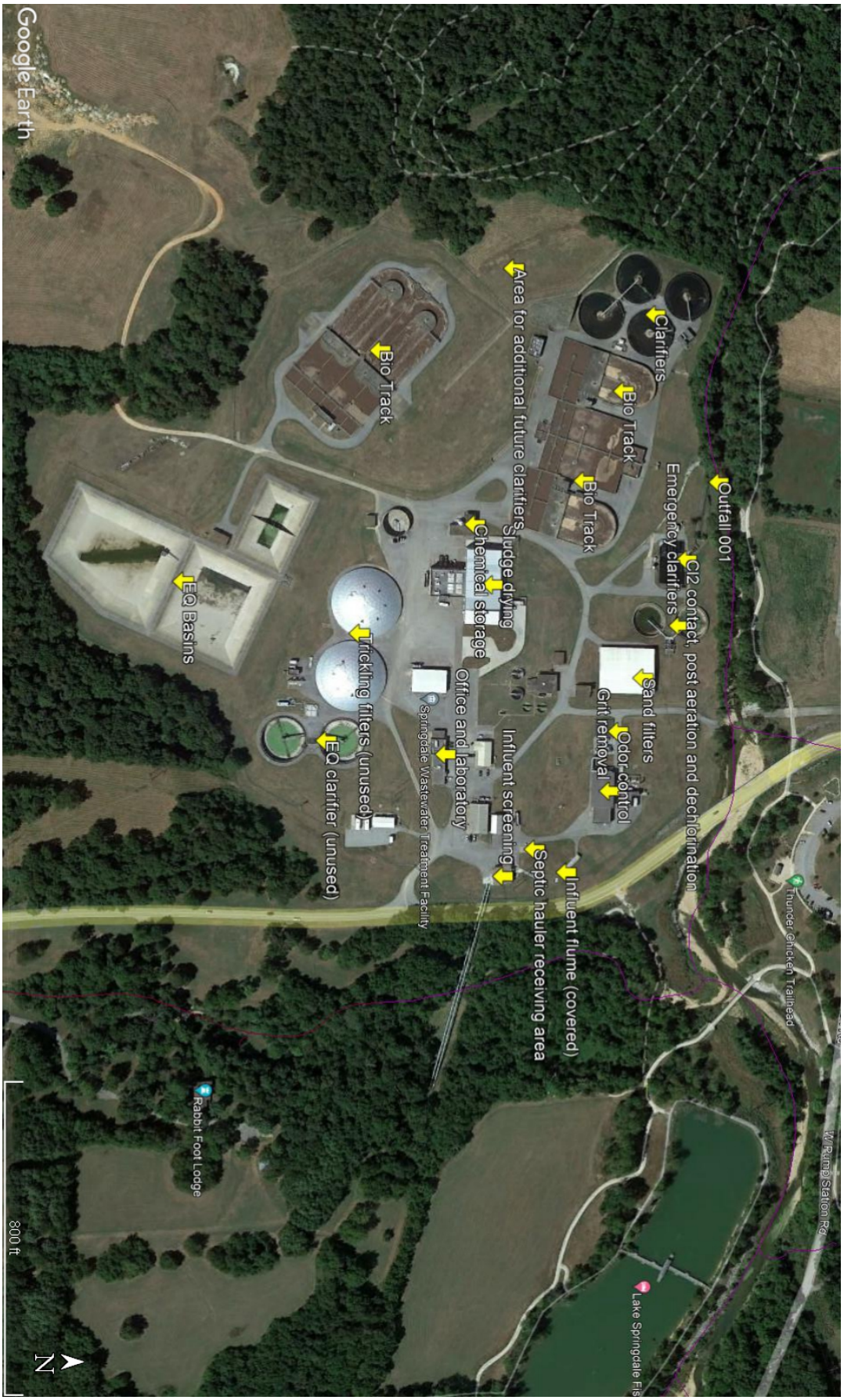
PT #	Level (HFT)	Chart (MGD)	Display (MGD)	% Error	HMI (HMI)	% Error	time
1	1.56	15.56	15.52	1.7%	15.96	2.5%	8:55
2	1.58	15.58	16.08	1.3%	15.996	0.7%	8:57
3	1.56	15.56	16.05	3.1%	16.05	3.1%	9:02
4	1.6	16.19	16.18	0.019%	16.157	0.3%	9:04

COMMENTS: Flume was fluctuating Test 4 we caught the peak of the fluctuation

Bear Automation certifies that this equipment has been calibrated as indicated.

CERTIFIED: Bear Automation: [signature] DATE: 6/10/22

Attachment 3: Map of the facility.



From: Garrett Grimes (adpce.ad)
To: Uniqika Marshall (adpce.ad)
Subject: RE: ADEQ Inspection Response for inspection conducted 08/17/22
Date: Thursday, January 26, 2023 3:21:12 PM
Attachments: image001.png
image003.png
image005.png

Uniqika,

Could you please attach this response to the CEI report (PDS 123909).

Thank you,

Garrett Grimes | District 1 Inspector
Division of Environmental Quality | **Office of Water Quality**
5301 Northshore Drive | North Little Rock, AR 72118
c: 501.837.2067 | e : garrrett.grimes@adeq.state.ar.us

ARKANSAS ENERGY & ENVIRONMENT

From: Uniqika Marshall (adpce.ad)
Sent: Tuesday, January 10, 2023 3:50 PM
To: Brent Walker (adpce.ad)
Cc: Garrett Grimes (adpce.ad)
Subject: FW: ADEQ Inspection Response for inspection conducted 08/17/22

Brent and Garrett,

Does this inspection response need to be added to inspection report 123909, or 123910? Or both?

Thanks,
Uniqika Marshall | Administrative Specialist III
Arkansas Energy and Environment | Office of Water Quality | Compliance Branch
5301 Northshore Drive, North Little Rock, AR 72118-5317
t: 501.682.0972 | e: uniqika.marshall@adeq.state.ar.us

ARKANSAS ENERGY & ENVIRONMENT

From: Jennifer Enos [mailto:jenos@springdalewater.com]
Sent: Tuesday, January 10, 2023 3:17 PM
To: Water-Inspection-Report; Garrett Grimes (adpce.ad)
Cc: Heath Ward; Brad Stewart; Loren Sharp
Subject: ADEQ Inspection Response for inspection conducted 08/17/22

Garrett:

Thanks so much for revising the due date for this response to January 13, 2023. It came in over the holidays, so just became available for our response. Mr. Tim Hawkins will be addressing the Lift Station/SSO section of the inspection in a separate response, again with a revised date of January 13.

If you have any questions concerning our response(s), please do not hesitate to contact us.

Sincerely yours,

Jennifer Enos
Wastewater Facilities Director
jenos@springdalewater.com
479 756-3659

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ARKANSAS
ENERGY & ENVIRONMENT

January 30, 2023

Heath Ward, Executive Director
Springdale Water and Sewer Commission
P.O. Box 769
Springdale, AR 72765
Via email: hward@springdalewater.com ; jenos@springdalewater.com

RE: Springdale Water and Sewer CEI - Response to Inspection (Washington Co)
AFIN: 72-00003 NPDES Permit No.: AR0022063

Dear Mr. Ward:

I have reviewed the response pertaining to my Compliance Evaluation Inspection of the Springdale Water and Sewer Commissions Wastewater Treatment Plant. The information provided sufficiently addresses the items referenced in my inspection report. At this time, the Division has no further comment concerning this particular inspection. Acceptance of this response by the Division does not preclude any future enforcement action deemed necessary at this site or any other site.

If I require further information concerning this matter, I will contact you. Thank you for your attention to this matter. Should you have any questions, please contact me at (501) 837-2067 or you may email me at garrett.grimes@adeq.state.ar.us.

Sincerely,

Garrett Grimes
Inspector, Office of Water Quality
5301 Northshore Drive, North Little Rock, AR, 72118