

ADEQ

ARKANSAS
Department of Environmental Quality

March 19, 2020

Tommy Lawson, Manager
Stuttgart Municipal Water Works
612 S College Street
PO Box 130
Stuttgart, AR 72160

RE: Stuttgart Municipal Water Works Inspections (Arkansas Co)
AFIN: 01-00214 **NPDES Permit No.: AR0034380**
ARR000670

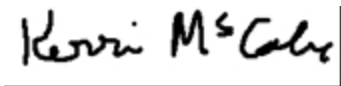
Dear Mr. Lawson:

On December 12, 2019, I performed a Compliance Evaluation Inspection, an SSO/Collection System Inspection, and an Industrial Stormwater 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 each of the inspection reports is enclosed for your records.

Please refer to the “Summary of Findings” section of each of the attached inspection reports 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. 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 **(14 DAYS FROM DATE OF LETTER)**.

If I can be of any assistance, please contact me at mccabe@adeq.state.ar.us or (501) 682-0642.

Sincerely,



Kerri McCabe, Inspector Supervisor
Compliance Branch
Office of Water Quality
ADEE

CC: Tommy Lawson, Manager, Stuttgart Municipal Water Works, stuttgartarwater@ceturytel.net



ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: 01-00214	PERMIT #: AR0034380	DATE: 12/12/2019
COUNTY: 01 Arkansas	PDS #: 111425	MEDIA: WN
GPS LAT: 34.493700 LONG: -91.564478 LOCATION: Entrance		

FACILITY INFORMATION

NAME:
Stuttgart Municipal Water Works

LOCATION:
1011 W 10th Street

CITY:
Stuttgart, AR

INSPECTION INFORMATION

FACILITY TYPE: 1 - Municipal	INSPECTOR ID#: 84022 S - State
FACILITY EVALUATION RATING: 1 - Unsatisfactory	INSPECTION TYPE: Compliance Evaluation
DATE(S): 12/12/2019	ENTRY TIME: 08:15
EXIT TIME: 12:00	PERMIT EFFECTIVE DATE: 2/1/2015
	PERMIT EXPIRATION DATE: 1/31/2020

RESPONSIBLE OFFICIAL

NAME / TITLE:
Tommy Lawson / Manager

COMPANY:
Stuttgart Municipal Water Works

MAILING ADDRESS:
612 S College Street PO Box 130

CITY, STATE, ZIP:
Stuttgart AR 72160

PHONE & EXT. / FAX:
870-673-8783 /

EMAIL:
stuttgartarwater@centurytel.net

CONTACTED DURING INSPECTION: **Yes**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Danny Wilson (Class IV/Advanced Industrial; Lic. #001938), Wastewater Plant Operator/(870) 674-4819/swsdept@d-c1.com

AREA EVALUATIONS

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

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

SUMMARY OF FINDINGS

The following violations were noted at the time of the inspection:

- 1.) Non-compliance reports (NCR) are not being submitted with DMR for effluent exceedances. This is a violation of Part I, Section A and Part III, Section D, 6, A-C of the permit. NCR must be submitted with each effluent exceedance.
- 2.) An influent sample was not collected/analyzed for 2018 for CBOD5 and TSS to demonstrate the 30-day average percent removal. This is a violation of Part II, Condition 2 of the permit.
- 3.) The following items violate Part II, Condition 6 of the permit:
 - The West Digester was overflowing onto the facility grounds during the inspection. Supernatant and sludge must be remediated appropriately.
 - Excessive foam at the chlorination/dechlorination chamber was bringing floating scum to the top of the chamber and depositing it on the outside of the chamber and on the ground.
 - Both the influent and effluent wet wells at the EQ basin had overflowed with sludge, solids, and grease deposited onto the ground.
- 4.) The following items violate Part III, Section B, 1, A of the permit:
 - The influent flowmeter at the headworks is not in operation.
 - The scraper drive in the North Final Clarifier is not working, which allows sludge to sit on the bottom of the clarifier and to become septic. This is a REPEAT issue noted in past inspections.
 - The EQ basin has excessive sludge/solids buildup at the front of the basin, which is causing overflows at the two wet wells as well as not allowing for design volume. This is a REPEAT

Inspection Report: **Stuttgart Municipal Water Works**, AFIN: **01-00214**, Permit #: **AR0034380**
issue noted in past inspections.

- **The influent flowmeter at the EQ basin is not in operation.**

- 5.) The large, mechanical treatment plant has one licensed operator and two unlicensed employees. This is insufficient personnel to maintain the treatment plant and collection system. This is a violation of Part III, Section C, 1, B of the permit.**
- 6.) The sample data for the composite sampling are incomplete. The contract lab is conducting a 6-hr composite; however, there is no aliquot information to demonstrate the sample was collected per the definition of composite (see Part IV). Additionally, the POTW has two Industrial Users (IU) and the timeframe selected by the contract lab may not capture representative discharges from these IU. This is a violation of Part III, Section C, 1 of the permit. Aliquot information must include exact time, flow, and sample volume.**

GENERAL COMMENTS

On Thurs, Dec 12, 2019, an inspection was conducted with the inspection participant(s) listed above. The inspection consisted of a site assessment and a records review.

Site Assessment:

Treatment consists of automatic bar screen, grit removal, primary clarifiers (3), trickling filters (2), intermediate clarifiers (2), bio-towers (2), aeration basin, final clarifiers (2), traveling bridge filter (tertiary), gas chlorination/dechlorination (reporting using 150lbs/day for both chlorine and sulfur dioxide), post-aeration, flow measurement, and discharge to Outfall 001. An EQ basin is available for wet-weather flows to reduce hydraulic overloading of the treatment plant. Sludge from the clarifiers is routed to sludge digesters (2), sludge decanters (2), sludge tank, sludge conditioner/press, sludge drier, and storage in a sludge silo. Class A exceptional quality bio-solids are given to local farmers.

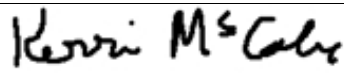

Overall, only minor issues with O&M were noted for the treatment plant (see "Summary of Findings"); however, some of these issues are ongoing and noted during past inspections as repeat violations. Most notably, the EQ basin continues to be an area of concern. Although pumps after preliminary that direct influent to either the treatment plant or EQ have been repaired, there were several years that one of the three influent pumps that route raw wastewater to the treatment system was offline. This caused the EQ pumps to route influent to the EQ during normal weather conditions resulting in an accumulation of sludge/solids in the front portion of the EQ basin. Due to the sludge/solids build-up at the front of the EQ, the wet wells at the EQ routinely overflow and the contents of the EQ cannot be pumped back to the headworks from the wet well. The operator has to route EQ contents via portable pumps/hosing to a nearby manhole, which is routed back to the influent wet well prior to the headworks.

Additionally, this large mechanical treatment plant has one licensed operator and two unlicensed employees for handling the sludge building and for general plant upkeep. The treatment plant is grossly understaffed for all of the mechanical components and for the collection system.

Records Review:

Records for April and Nov 2018 were requested and provided. Records were made available by the contract lab via email and are deemed organized and complete, unless otherwise noted. I was not provided the operator's monthly flow sheet and I could not evaluate it for completeness. Additionally, complete composite sample data were not provided on COC. The contract lab is conducting a 6-hr composite (April 2018 from 15:00 to 21:00; Nov 2018 from 03:00 to 09:00); however, there is no information regarding aliquots (e.g., 2-hr intervals, recorded flow, and sample volume) on the COC, and it cannot be demonstrated whether samples were collected proportional to flow or per the definition of "composite" in Part IV of the permit. The timeframes selected by the contract lab may not be representative of the nature and volume of the discharge as the city has two Industrial Users (IU) that may be conducting clean-up outside the selected timeframes. Overall, the contract lab is completing all the necessary documentation on COC for sample collection/analyses and for calibration of field meters.

It should be noted that the city has not submitted any Non-compliance Reports (NCR) after 2016 for effluent exceedances. A review of submitted DMR data from April – Dec 2018 revealed several effluent exceedances and no NCR were submitted to the Enforcement Branch. The city must submit NCR for each effluent exceedance.

INSPECTOR'S SIGNATURE: 	Kerri McCabe	DATE: 3/17/2020
SUPERVISOR'S SIGNATURE: 	Jason Bolenbaugh	DATE: 3/18/2020

SECTION A: PERMIT VERIFICATION	
PERMIT SATISFACTORILY ADDRESSES OBSERVATIONS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS:	
1. CORRECT NAME AND MAILING ADDRESS OF PERMITTEE:	<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
SECTION B: RECORDKEEPING AND REPORTING EVALUATION	
RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS: <u>Operator measures flow only; contract lab for all other parameters. Rating is based on not receiving operator's flow sheet to evaluate.</u>	
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 type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
4. PLANT RECORDS INCLUDE SCHEDULES, DATES OF EQUIPMENT MAINTENANCE AND REPAIR:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
5. EFFLUENT LOADINGS CALCULATED USING DAILY EFFLUENT FLOW AND DAILY ANALYTICAL DATA: <u>Operator's flow sheet was not supplied; used flow recorded on contract lab's spreadsheet</u>	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
SECTION C: OPERATIONS AND MAINTENANCE	
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS: <u>Bar screen/grit removal, primary clarifier (3), trickling filter (2), intermediate clarifier (2), bio-tower (2), aeration, final clarifier (2), tertiary sand filter (traveling bridge), chlorination/dechlorination, post-aeration, and discharge to Outfall 001 with EQ basin available for wet-weather; sludge digester (2), sludge decant (2), sludge belt conditioner/press, sludge drier, and silo storage for Class A exceptional quality bio-solids (given to farmers).</u>	
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>Drive arm in North Final Clarifier is broken (REPEAT).</u>	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
3. STANDBY POWER OR OTHER EQUIVALENT PROVIDED: <u>Onsite generators (3 at 380hp total).</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:	<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>One Class IV; two unlicensed helpers for sludge processing and general upkeep</u>	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTAINED:	<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
8. OPERATION AND MAINTENANCE MANUAL AVAILABLE:	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/> NE
9. STANDARD OPERATING PROCEDURES AND SCHEDULES ESTABLISHED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" 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 type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOTIFIED:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVENT ADDITIONAL BYPASSES/OVERFLOWS:	<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED AT THE TREATMENT PLANT: <u>Overflows at EQ basin due to sludge build-up in pond (REPEAT).</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

SECTION D: SAMPLING	
PERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS: Operator measures flow only; contract lab for all other parameters. Rating is based on not having composite sample data from contract lab (i.e., flow and volume).	
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: No flow or sample volume data available for composite samples.	<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" 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 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
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	<input type="checkbox"/> S <input checked="" type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS: Rating is based on influent flowmeters (not in operation).	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: Yes TYPE OF DEVICE: 8' rectangular weir w/ end contractions w/ staff gauge	<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: Two influent flowmeters not in operation; effluent flowmeter maintained.	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/> NE
4. CALIBRATION FREQUENCY ADEQUATE: Last calibrated Nov 16, 2019.	<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 type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" 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
SECTION F: LABORATORY	
PERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE
DETAILS: Operator measures flow only; contract lab for all other parameters.	
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: Arkansas Analytical, Inc.	
b. LAB ADDRESS: 8100 National Drive, Little Rock, AR 72209	
c. PARAMETERS PERFORMED: CBOD5, TSS, NH3-N, DO, FCB, TRC, Total Recoverable Cu, TP, NO3+NO2-N, pH, and WET.	
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

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS							
BASED ON VISUAL OBSERVATIONS ONLY						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS: <u>Viewed at weir and receiving stream at Outfall 001.</u>							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	NO	NO	NO	YES – NOT PERSISTENT	NO	CLEAR	
SECTION H: SLUDGE DISPOSAL							
SLUDGE DISPOSAL MEETS PERMIT REQUIREMENTS						<input checked="" type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS: <u>Sludge digester, sludge decanter, sludge conditioner/press, sludge drier, and stored in silo; Class A EQ bio-solids given to local farmers.</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>Class A EQ bio-solids given to local farmers.</u>							
SECTION I: SAMPLING INSPECTION PROCEDURES							
SAMPLE RESULTS WITHIN PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input type="checkbox"/> U <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS:							
1. SAMPLES OBTAINED THIS INSPECTION:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
2. TYPE OF SAMPLE: <input type="checkbox"/> GRAB:___ <input type="checkbox"/> COMPOSITE:___ METHOD:___ FREQUENCY:___							
3. SAMPLES PRESERVED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
4. FLOW PROPORTIONED SAMPLES OBTAINED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
5. SAMPLE OBTAINED FROM FACILITY'S SAMPLING DEVICE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
6. SAMPLE REPRESENTATIVE OF VOLUME AND NATURE OF DISCHARGE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
7. SAMPLE SPLIT WITH PERMITTEE:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
8. CHAIN-OF-CUSTODY PROCEDURES EMPLOYED:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
9. SAMPLES COLLECTED IN ACCORDANCE WITH PERMIT:						<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA <input type="checkbox"/> NE	
SECTION J: STORM WATER POLLUTION PREVENTION PLAN							
STORM WATER MANAGEMENT MEETS PERMIT REQUIREMENTS						<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> U <input type="checkbox"/> NA <input type="checkbox"/> NE	
DETAILS: <u>Part II, Condition 6 requires BMPs for stormwater protection; IGP ARR000670 is EXPIRED; see "Summary of Findings" for details regarding observed overflows.</u>							
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: **Dec 12, 2019** Time: **0923**

Head in Inches: Feet: **0.23'**

Type & Size of Primary Flow Measurement Device: **8' rectangular weir w/ end contractions**

Name & Model of Secondary Flow Measurement Device: **Greyline SLT32 Level & Flow Monitor (totalizer)**

Date of last Calibration of Secondary Flow Device: **Nov 16, 2019**

Recorded Flow at Date & Time Listed Above: **1.751 MGD** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **1.888**

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

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

% Error =	1.751	-	1.888	X 100
	1.888			

% Error =	-0.137	X 100
	1.888	

% Error =	-0.0726	X 100
-----------	---------	-------

% Error =	-7.26	%
-----------	--------------	---

Comments: **Within ± 10%; flowmeter is reporting UNDER.**

DMR Calculation Check

Reporting Period: From 2018 04 01 To 2018 04 30
 Year Month Day Year Month Day

Parameter Checked: CBOD5

	Mass Loading	Concentration	
	(lbs/day)	(mg/l)	
	Mon. Avg.	Mon. Avg.	7-Day Avg.
Reported Value:	<u>79.06</u>	<u>4.92</u>	<u>7.38</u>
Calculated Value:	<u>79.1</u>	<u>4.9</u>	<u>7.4</u>
Permit Value:	<u>291.9</u>	<u>10.0</u>	<u>15.0</u>

If calculated value does not equal reported value, explain:

Values are the same (see Table 1 for calculation) with slight rounding differences; used flow provided on the contract lab's DMR spreadsheet for mass loading.

DMR Calculation Check

Reporting Period: From 2018 11 01 To 2018 11 30
 Year Month Day Year Month Day

Parameter Checked: FCB

	Mass Loading (lbs/day)	Concentration (colonies/100ml)	
	Mon. Avg.	Mon. Avg.	7-Day Avg.
Reported Value:	<u>N/A</u>	<u>218</u>	<u>>2420</u>
Calculated Value:	<u>N/A</u>	<u>247</u>	<u>2420</u>
Permit Value:	<u>N/A</u>	<u>1000</u>	<u>2000</u>

If calculated value does not equal reported value, explain:

Values are similar (see Table 2 for calculation); several results were flagged as “TNTC” with >2420 used as the quantitative number for permit reporting. 7-Day Average is exceeded and no Non-compliance Report (NCR) has been submitted to the Enforcement Branch.

Water Division Photographic Evidence Sheet			
Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0831	Witness:	
Photo #:	1	Description:	Main wet well for city's influent to the treatment plant.



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0831	Witness:	
Photo #:	2	Description:	Automatic bar screen and trash bagging system.



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0832
Witness:				Photo #:	3
Description:	Automatic bar screen and trash bagging system.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0832
Witness:				Photo #:	4
Description:	Automatic bar screen and trash bagging system.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0833	Witness:	
Photo #:	5	Description:	Influent pumps after bar screens; wet weather conditions trigger EQ pumps to divert influent to EQ basin.



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0835	Witness:	
Photo #:	6	Description:	Grit chamber and collection system for disposal.



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0835	Witness:	
Photo #:	7	Description: Grit chamber and collection system for disposal.	



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0836	Witness:	
Photo #:	8	Description: Overview of treatment plant with primary clarifier in focus.	



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0841
Witness:				Photo #:	9
Description:	Primary clarifier (prior to trickling filters)				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0853
Witness:				Photo #:	10
Description:	Intermediate clarifier after trickling filters.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0859
Witness:				Photo #:	11
Description:	Bio-tower after intermediate clarifiers.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0902
Witness:				Photo #:	12
Description:	Bio-tower spray system and biofilm media.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0905
Witness:				Photo #:	13
Description:	Overview of aeration basin after bio-towers and before final clarifiers.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0856
Witness:				Photo #:	14
Description:	North Final Clarifier with broken scrapper drive (REPEAT issue); bubbles from septic sludge.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0913
		Photo #:	15
Description:	Distribution system from final clarifiers to the traveling bridge filters (tertiary).		



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0916
		Photo #:	16
Description:	Traveling bridge filters		



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0911	Witness:	
Photo #:	17	Description:	Chlorine (gas) cylinders for disinfection



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0910	Witness:	
Photo #:	18	Description:	Regulator for chlorine gas



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0909
		Photo #:	19
Description:	Sulfur dioxide (gas) canisters for dechlorination		



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0910
		Photo #:	20
Description:	Regulator for sulfur dioxide gas		



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0919
Witness:				Photo #:	
Description:	Overview of chlorination/dechlorination chamber; bio-towers in background.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0920
Witness:				Photo #:	
Description:	Foam in chlorination/dechlorination chamber				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0921	Witness:	
Photo #:		Description:	Scum from foam outside the chlorination/dechlorination chamber.



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0922	Witness:	
Photo #:		Description:	Primary flow measuring device (8' rectangular weir with end contractions)



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0922
Description:	Secondary flowmeter for rectangular weir		



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0924
Description:	Auto-sampler at effluent		

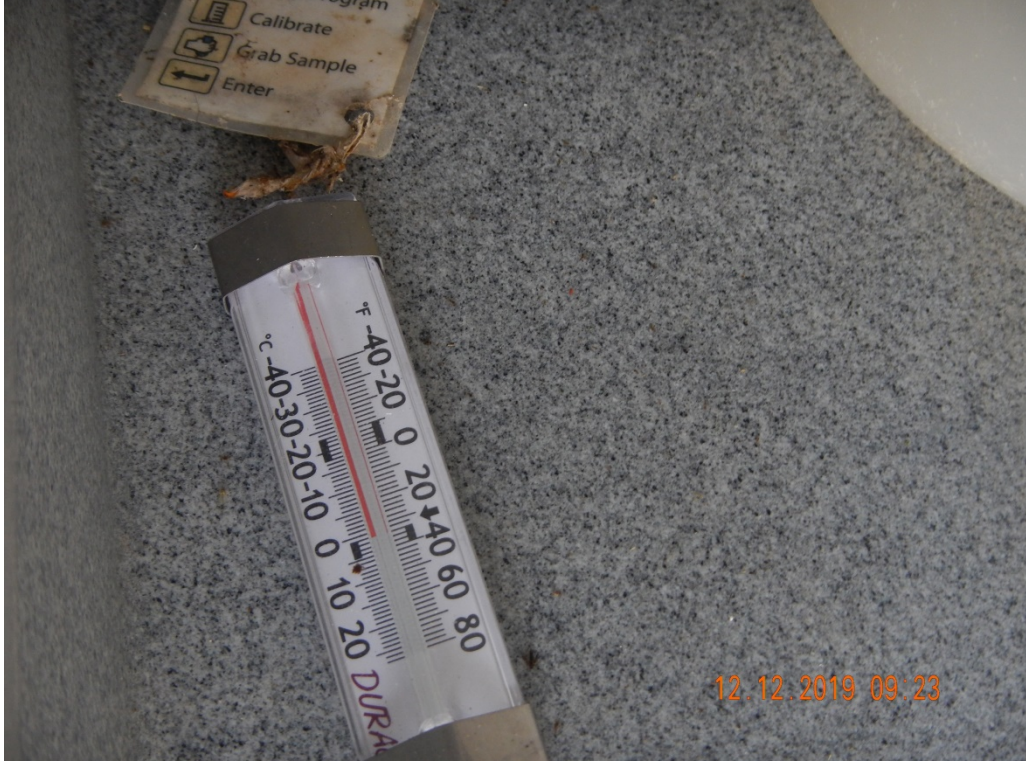


Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0923
Witness:				Photo #:	
Description:	Sample container and tubing for auto-sampler				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0923
Witness:				Photo #:	
Description:	Thermometer for auto-sampler				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0926	Witness:	
Photo #:		Description:	Outfall 001 at receiving stream



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Time:	0931	Witness:	
Photo #:		Description:	Wet wells at EQ basin; photo right is to EQ and photo left is from EQ; note overflows at both wet wells.



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works		
Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0936
		Photo #:	
Description:	EQ basin indicating high-water level; grease and floatables noted on levee.		



Photographer:	Kerri McCabe	Date:	Dec 12, 2019
Witness:		Time:	0936
		Photo #:	
Description:	Hosing used to divert EQ contents to manhole due to overflows at wet wells; routed to headworks.		



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0935
Witness:				Photo #:	
Description:	Manhole used to route EQ basin contents back to headworks.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0932
Witness:				Photo #:	
Description:	Flowmeter at EQ basin that is not in operation.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0842
Witness:				Photo #:	
Description:	Overflowing sludge digester due to clog in piping between digester and decanter.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0944
Witness:				Photo #:	
Description:	Overflowing sludge digester due to clog in piping between digester and decanter.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0946
Witness:				Photo #:	
Description:	Sludge tank after both sludge digesters/decanter.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0948
Witness:				Photo #:	
Description:	Sludge belt press for sludge conditioning.				



Water Division Photographic Evidence Sheet

Location:	Stuttgart Municipal Water Works				
Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0949
Witness:				Photo #:	
Description:	Sludge drying oven for meeting 503 conditions for Class A bio-solids.				



Photographer:	Kerri McCabe	Date:	Dec 12, 2019	Time:	0950
Witness:				Photo #:	
Description:	Silo for storing Class A exceptional quality sludge; given to local farmers.				



Figure 1. Schematic of the City of Stuttgart POTW, which was provided in the permit renewal application.

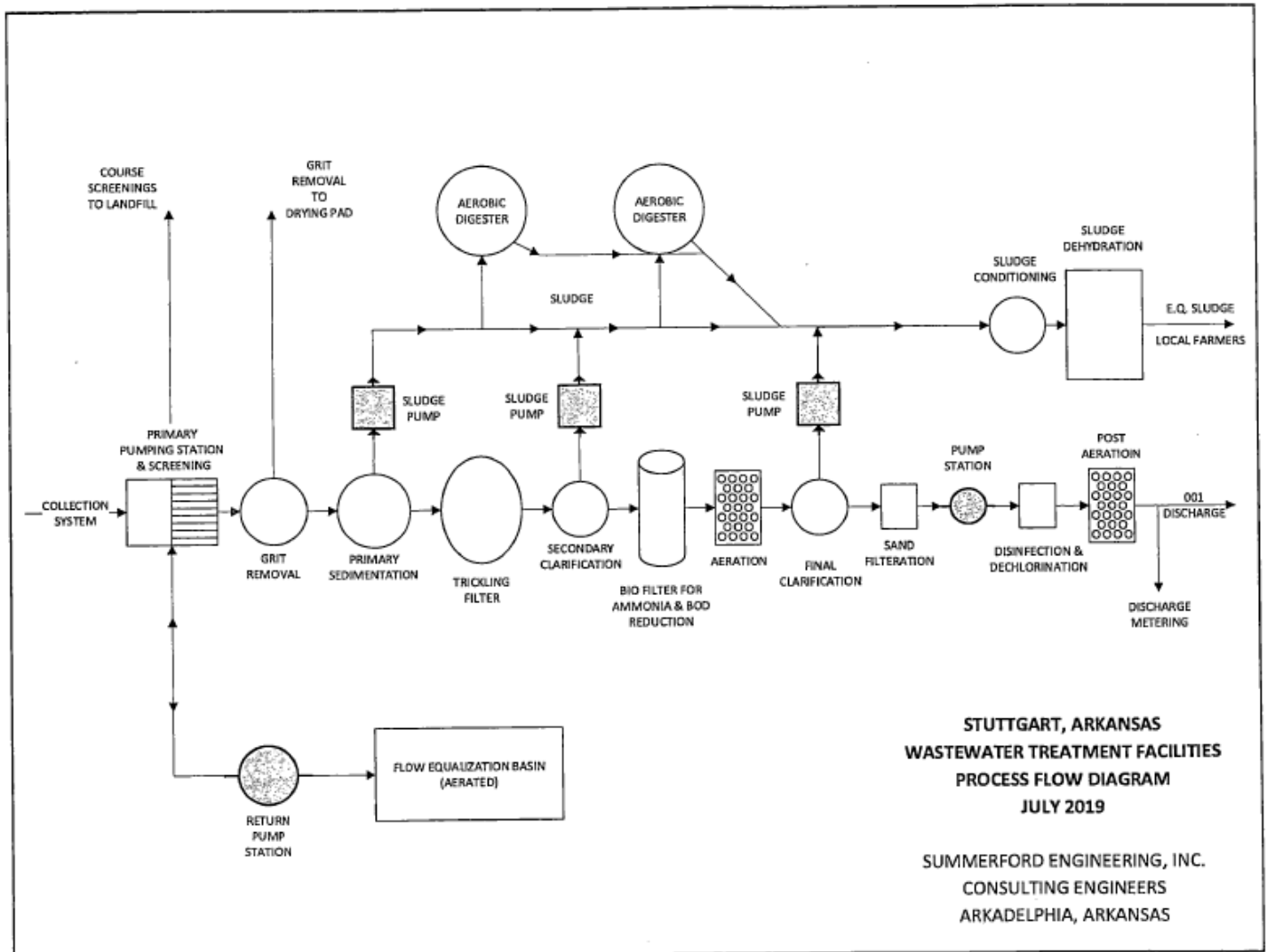


Figure 2. Google Earth image dated Oct 14, 2015 depicting the City of Stuttgart POTW with major components identified. Red pins are components that are not in operation (NIO).



Figure 3. Google Earth image dated Oct 14, 2015 depicting the City of Stuttgart EQ basin with major components identified.



Table 1. DMR accuracy check for CBOD5 for April 2018 for City of Stuttgart.

Apr-18				
CBOD5 (three/week)				
Day	Concentration (mg/l)	7-Day Average (mg/l)	Flow (MGD)	Loading (lbs/day)
2	3.23		1.24	33.4
3	4.85		3.74	151.3
4	3.48	3.9	1.01	29.3
9	4.52		0.98	36.9
10	3.26		0.96	26.1
11	3.32	3.7	1.95	54.0
16	3.47		0.97	28.1
17	5.94		1.13	56.0
18	4.89	4.8	1.31	53.4
23	4.67		2.95	114.9
24	6.36		2.56	135.8
25	11.10	7.4	2.48	229.6
Monthly Average	4.92			79.06

Table 2. DMR accuracy check for FCB for Nov 2018 for City of Stuttgart.

Nov-18				
FCB (three/week)				
Day	Count	Log	Average	Geo Mean
1	19	1.28	1.28	19.00
6	816	2.91		
7	517	2.71		
8	1	0.00	1.88	74.9998222218008
13	1	0.00		
14	2420	3.38		
15	7	0.85	1.41	25.68
19	2420	3.38		
20	2420	3.38		
21	2420	3.38	3.38	2420.0000000000000
27	2420	3.38		
28	2420	3.38		
29	1120	3.05	3.27	1871.9011806506
Average		2.39		
Geo Mean		246.82865781070200		

ADEQ

ARKANSAS
Department of Environmental Quality

CERTIFIED MAIL: 9489 0090 0027 6060 6273 37

May 21, 2020

Tommy Lawson, Manager
Stuttgart Municipal Water Works
612 S College Street
PO Box 130
Stuttgart, AR 72160

Re: Stuttgart Municipal Water Works – Failure to Respond (Arkansas Co)
AFIN: 01-00214 **NPDES Permit No.: AR0034380**
ARR000670

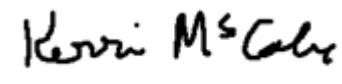
Dear Mr. Lawson:

A letter dated March 19, 2020 was sent by DEQ – OWQ to Stuttgart Municipal Water Works. The letter outlined the findings of my December 12, 2019 inspections of the city's POTW, collection system, and Industrial Stormwater General Permit (IGP). The letter requested that a written response be submitted to the Office of Water Quality Compliance Branch of this Department by April 2, 2020 with an extension granted for April 30, 2020. To date, no response has been received.

Please submit a written response by **June 4, 2020**. A copy of each of the inspection reports 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 (501) 682-0642 or you may e-mail me at mccabe@adeq.state.ar.us.

Sincerely,



Kerri McCabe, Inspector Supervisor
Compliance Branch
Office of Water Quality
E&E - DEQ

Stuttgart Municipal Water Works

612 S College – PO Box 130 – Stuttgart Arkansas 72160

Phone 870-673-3246 Fax 870-673-8783

Tommy Lawson
Manager

June 3, 2020

Kerri McCabe, Inspector Supervisor
Office of Water Quality – Compliance Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

This is for the lift stations:

Contact numbers have been posted at main lift stations.

Stations are checked daily and hours are recorded. Scada is not being used.
The upgrade to make the current system work is not feasible to maintain.
We are looking at different options for replacement.

Solids on grounds has been disposed of.

Tommy Lawson



DANGER
HIGH VOLTAGE

STUTT GART
WaterWorks
Office 870 - 673 - 3246
8:00 AM to 5:00 PM
Emergency Contact
After hours and WK
ends 673 -1414

DANGER
AUTHORIZED PERSONNEL

STUTTGART

WaterWorks

Office 870 – 673 – 3246

8:00 AM to 5:00 PM

Emergency Contact

After hours and WK

ends 673 -1414

Stuttgart Municipal Water Works

612 S College – PO Box 130 – Stuttgart Arkansas 72160
Phone 870-673-3246 Fax 870-673-8783

Tommy Lawson
Manager

June 3, 2020

Kerri McCabe, Inspector Supervisor
Office of Water Quality – Compliance Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

Dear Ms. McCabe,

This letter is in response to your inspection feedback letter for the inspection conducted on December 12, 2019. My response and photos will correspond with your numbered photos and comments.

- #1 The meter box lids around the influent wet well have been removed.
- #2 Sheet metal behind decant is gone.
- #3 Digester overflow has been cleaned up and unclogged.
- #4 Showerheads have been installed on contact chamber to spray foam, and walls have been cleaned.
- #5 Rags pulled from pump at EQ basin have been removed and grease on the ground cleaned up.

Screw press is running daily removing solids from the EQ basin. It was delivered and set up the 1st week of April. As of today, it has run 68,155 gallons of 2-3% solids from basin and moved to dryer unit for further drying.

If you have any questions please call me at 870-673-3246.

Sincerely,



Tommy Lawson
Manager

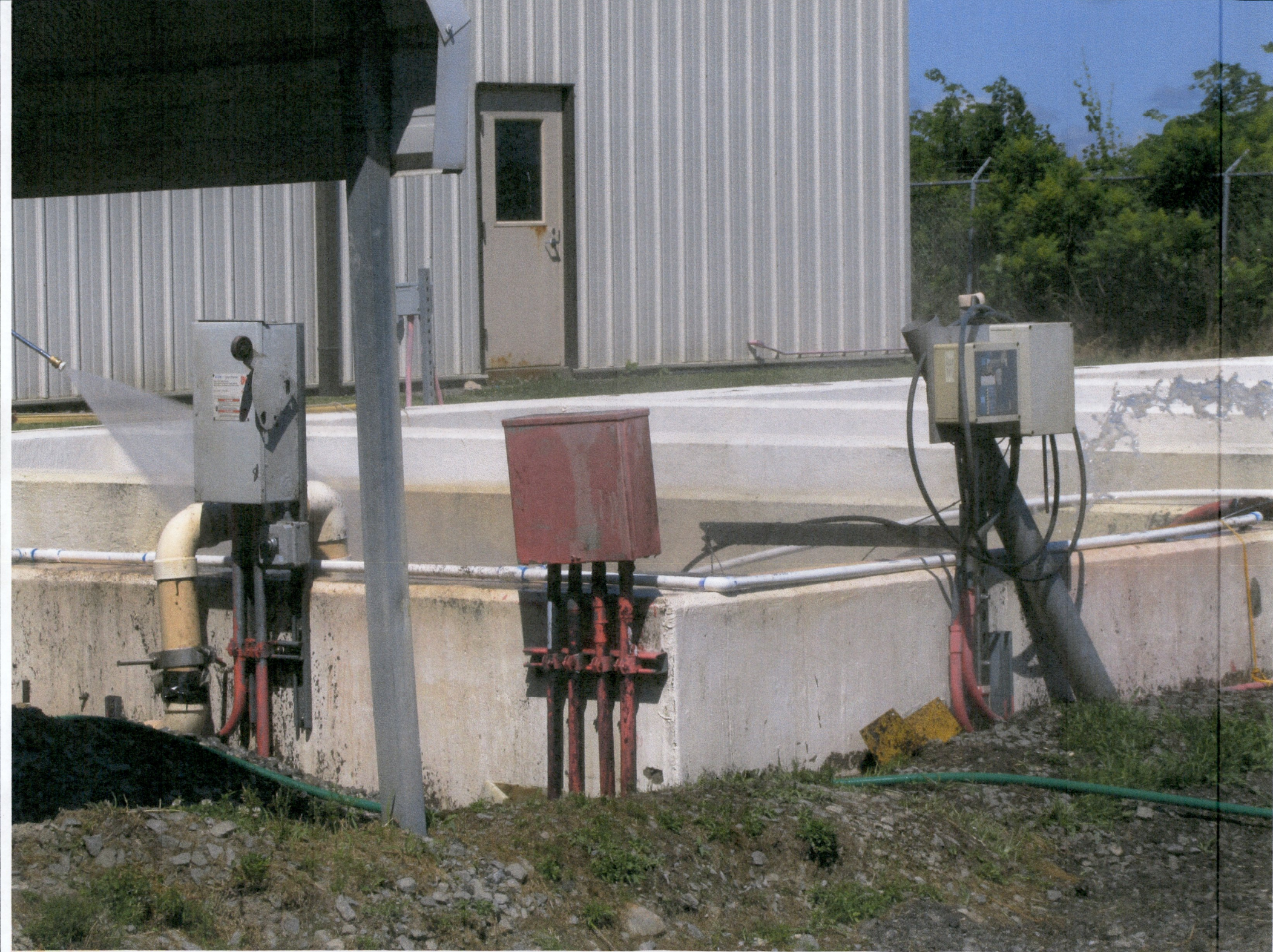








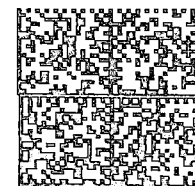








**Stuttgart Municipal Water Works
PO Box 130
Stuttgart, AR 72160**



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US POSTAGE

**Kerri McCabe, Inspector Supervisor
Office of Water Quality – Compliance Branch
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317**

