ADEQ

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

December 19, 2017

Roger Gardner, Mayor
City of Mountain View
P.O. Box 360
Mountain View, AR 72560

RE: City of Mountain View Inspections (Stone Co)
AFIN: 69-00011 NPDES Permit No.: AR0020117
AR0020117C

Dear Mayor Gardner:

On November 21, 2017, I performed a Compliance Evaluation Inspection, an SSO/Collection System Inspection, and a State WWTP Construction 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. Copies of the inspection reports are 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 Water Division Inspection 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 **January 2, 2018**.

If I can be of any assistance, please contact me at schlicks@adeq.state.ar.us or (870) 424-3322 ext. 2.

Sincerely,

Skyler Schlick

Skyler Schlick
District 2 Field Inspector
Water Division

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

WATER DIVISION INSPECTION REPORT

AFIN: **69-00011** | PERMIT #: **AR0020117** | DATE: **11/21/2017**

COUNTY: **69 Stone** | PDS #: **100614** | MEDIA: **WN**

GPS LAT: **35.867014** LONG: **-92.147231** LOCATION: **General Area**

FACILITY INFORMATION

NAME:
City of Mountain View
LOCATION:
340 Westwood Ave
CITY:
Mountain View

RESPONSIBLE OFFICIAL

NAME: / TITLE
Roger Gardner / Mayor
COMPANY:
City of Mountain View
MAILING ADDRESS:
P.O. Box 360
CITY, STATE, ZIP:
Mountain View AR 72560
PHONE & EXT: / FAX:
870-269-3293 /
EMAIL:
mayor@cityofmtnview.com

CONTACTED DURING INSPECTION: **No**

INSPECTION INFORMATION

FACILITY TYPE: **1 - Municipal**
INSPECTOR ID#: **117208 S - State**
FACILITY EVALUATION RATING: **2 - Marginal**
INSPECTION TYPE: **Compliance Evaluation**
DATE(S): **11/21/2017**
ENTRY TIME: **09:15**
EXIT TIME: **14:20**
PERMIT EFFECTIVE DATE: **8/31/2013**
PERMIT EXPIRATION DATE: **7/31/2018**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Joe Thatcher/ Class III Operator (Lic# 001463)
Jackie Craig/ Class III Operator (Lic# 007092)

Kerri McCabe ADEQ Inspector Supervisor

AREA EVALUATIONS

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

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

SUMMARY OF FINDINGS

The following violations were noted during the inspection:

1.) Exceedances for NH3-N for June 2017 were reported on DMR. This is a violation of Part I, Section A of the permit. Noncompliance reports were submitted for the exceedances to the Enforcement Branch, and no further response is required for this item.

2.) The operator is only collecting three (3) effluent portions for the composite sample as a 3-hr composite. The permit requires a minimum of four (4) effluent portions as defined by Part IV of the permit. This is a violation of Part I, Section A and Part III, Section C, 1 of the permit. The operator needs to start collecting four effluent samples and notify the contract lab to update the Chain of Custody forms.

3.) There are excessive I&I issues within the collection system that are causing hydraulic overloading at the POTW. Evidence of an overflow of sludge was observed during the inspection. This is a violation of Part III, Section B, 1.A. of the permit. The release of sludge needs to be properly cleaned up and disposed of. Additionally, this excessive I&I is not allowing the operators to maintain an adequate sludge blanket in the clarifier. The excessive I&I within the collection system needs to be addressed to eliminate the issues occurring at the plant.

4.) The operator is using chlorine to clean the clarifier of algae. Since the city does not sample for Total Residual Chlorine (TRC) and has not demonstrated that chlorine is not discharged at toxic levels, the city must obtain approval from the Permits Branch to continue to use chlorine for cleaning purposes. This is a violation of Part III, Section A, 4 of the permit.

GENERAL COMMENTS

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
5301 NORTHSHORE DRIVE / NORTH LITTLE ROCK / ARKANSAS 72118-5317 / TELEPHONE 501-682-0744 / FAX 501-682-0880
www.adeq.state.ar.us

On November 21, 2017, an inspection was conducted with the above-mentioned inspection participants. The inspection consisted of a records review and a site assessment.

Records review:

Records from January, April, June, and September 2017 were reviewed for accuracy. The city reported exceedances for NH3-N for June 2017. Noncompliance reports for these exceedances were submitted to the Enforcement Branch. Records were well-organized and accurate. The permittee calibrates the pH Orion meter and YSI 550A DO meter prior to each use of sampling effluent.

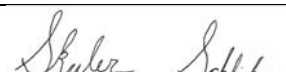
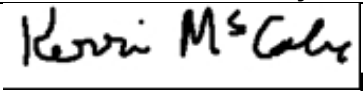
The records indicate that the composite sample is not being collected correctly (see Part IV for definition of "composite sample"). The operator is only collecting three effluent portions as a 3-hr composite; however, the permit requires a minimum of four effluent portions.

Site assessment:

The treatment system consists of preliminary (auger), oxidation ditch with four (4) paddlewheel surface rotors for aeration, clarifier, aerobic digester, UV disinfection, 9" Parshall flume, post-aeration via surface auger, and an EQ basin is available (200,000-gal capacity). Chlorine is used in the clarifier to reduced algae growth, and Jackie Craig (operator) stated that approximately 10 lbs. of chlorine are added every day. Wasted sludge is routed to an aerobic digester and then to the sludge drying beds. Approximately 3,500-4,500 gallons of sludge are wasted every month. According to Mr. Craig, the last time sludge was hauled to landfill was in 2013. Also, dried sludge goes to the Stone County Transfer Station and then ultimately to an approved landfill (IESI in Cherokee Village). In the future, receipts should be kept to document sludge disposal. Solids removed from the preliminary are taken to a dumpster once per month for disposal.

There are many treatment components that are not in use or maintained at the plant including: two (2) clarifiers, two (2) trickling filters, and a chlorine contact chamber.

The outfall location provided is not accurate. The actual outfall location is 35.867094, -92.146393. This location should be updated during permit renewal.

INSPECTOR'S SIGNATURE: 	**Skyler Schlick**	DATE: **12/13/2017**
SUPERVISOR'S SIGNATURE: 	**Kerri McCabe**	DATE: **12/18/2017**

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: **Outfall 001 location is not accurate; needs to be corrected during permit renewal.**	☐Y ☑N ☐NA ☐NE
4. ALL DISCHARGES ARE PERMITTED:	☑Y ☐N ☐NA ☐NE

SECTION B: RECORDKEEPING AND REPORTING EVALUATION

RECORDS AND REPORTS MAINTAINED AS REQUIRED BY PERMIT	☑S ☐M ☐U ☐NA ☐NE
DETAILS: **Permittee records flow, pH, temperature, and DO; contract lab collects/analyzes all other parameters.**	
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: **pH and DO calibration records were evaluated.**	☑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: **Preliminary, oxidation ditch, clarifier, aerobic digester, UV disinfection, post-aeration; EQ basin available.**	
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: **One generator onsite.**	☑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: **Two (2) Class III operators.**	☑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: **Can use EQ basin.**	☑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: **I&I within collection system has resulted in hydraulic overload at clarifier (wasted sludge).**	☑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: **Permittee records flow, pH, temperature, and DO; contract lab collects/analyzes all other parameters.**	
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: **Composite samples are not collected correctly; 3 aliquots instead of 4.**	☐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: **Analyzing temperature, but not reporting on DMR.**	☐Y ☑N ☐NA ☐NE
SECTION E: FLOW MEASUREMENT	
PERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	☑S ☐M ☐U ☐NA ☐NE
DETAILS: **Flow calculation was not within +/- 10% range.**	
1. PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: **Yes** TYPE OF DEVICE: **9" 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: **Siemens Milltronics (totalizer)**	☑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: **Permittee records flow, pH, temperature, and DO; contract lab collects/analyzes all other parameters.**	
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: **McClelland Consulting Engineers, Inc.; American Interplex Corporation**	
b. LAB ADDRESS**: 1311 West Second St. Little Rock, AR 72201; 8600 Kanis Road Little Rock, AR 72204**	
c. PARAMETERS PERFORMED: **CBOD5, TSS, FCB, NH3-N, and NO3+NO2-N**	
8. BIOMONITORING PROCEDURES ADEQUATE:	☐Y ☐N ☑NA ☐NE
a. PROPER ORGANISMS USED:	☐Y ☐N ☑NA ☐NE
b. PROPER DILUTION SERIES FOLLOWED:	☐Y ☐N ☑NA ☐NE
c. PROPER TEST METHODS AND DURATION:	☐Y ☐N ☑NA ☐NE
d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:	☐Y ☐N ☑NA ☐NE

SECTION G: EFFLUENT/RECEIVING WATERS OBSERVATIONS

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

DETAILS: **No concerns observed with the effluent.**

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001	NO	NO	NO	NO	NO	NO	N/A

SECTION H: SLUDGE DISPOSAL

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

DETAILS: **Sludge goes from drying beds, to trailer, to landfill.**

1. SLUDGE MANAGEMENT ADEQUATE TO MAINTAIN EFFLUENT QUALITY: ☑S ☐M ☐U ☐NA ☐NE
2. SLUDGE RECORDS MAINTAINED AS REQUIRED BY 40 CFR 503: **Sludge last taken to landfill in 2013; eventually goes to approved landfill (IESI in Cherokee Village).** ☑S ☐M ☐U ☐NA ☐NE
3. FOR LAND APPLIED SLUDGE, TYPE OF LAND APPLIED TO: (E.G., FOREST, AGRICULTURAL, PUBLIC CONTACT SITE): **N/A**

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: **Part II, Condition 6 requires BMPs for stormwater protection; no issues noted during inspection.**

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: **Nov 21, 2017** Time: **10:51**

Head in Inches: **4 1/3”** Feet: **0.36’**

Type & Size of Primary Flow Measurement Device: **9” Parshall flume**

Name & Model of Secondary Flow Measurement Device: **Siemens Milltronics OCM III (totalizer)**

Date of last Calibration of Secondary Flow Device:

Recorded Flow at Date & Time Listed Above: **0.259 MGD** (Facility Flow Meter)

Calculated Flow at Date & Time Listed Above: **0.4156 MGD**

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

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

$$\% \text{ Error} = \frac{0.259 - 0.4156}{0.4156} \times 100$$

$$\% \text{ Error} = \frac{-0.1566}{0.4156} \times 100$$

$$\% \text{ Error} = -0.3768 \times 100$$

$$\% \text{ Error} = \mathbf{-37.68}\ \%$$

Comments: **Not within +/- 10% range totalizer; totalizer is reporting under.**

DMR Calculation Check

Reporting Period: From **2017** (Year) **09** (Month) **01** (Day) To **2017** (Year) **09** (Month) **30** (Day)

Parameter Checked: **NH3-N (Sept)**

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	Concentration Monthly 7-day Avg. - mg/l
Reported Value:	**0.9**	**0.6**	**1.1**
Calculated Value:	**0.9**	**0.55**	**1.1**
Permit Value:	**23.7**	**3.9**	**3.9**

If calculated value does not equal reported value, explain:

For September 5: (1.11 mg/l x 0.21 MGD x 8.34) = 1.944 lbs/day
For September 12: (0.35 mg/l x 0.35 MGD x 8.34) = 0.5546 lbs/ day
For September 28: (0.20 mg/l x 0.19 MGD x 8.34) = 0.3169 lbs/day
(1.944+0.5546+0.3169)/3= 0.9385 lbs/day

Values are the same.

DMR Calculation Check

Reporting Period: From 2017 (Year) 06 (Month) 01 (Day) To 2017 (Year) 06 (Month) 30 (Day)

Parameter Checked: CBOD5

	Loading Mass Mo. Avg. - lbs/day	Concentration Monthly Mo. Avg. - mg/l	Concentration Monthly 7-day Avg. - mg/l
Reported Value:	3.5	1.8	3
Calculated Value:	3.5	1.8	3
Permit Value:	60.9	10	15

If calculated value does not equal reported value, explain:

For June 6: (0.33 mg/l x 0.45 MGD x 8.34) = 1.24 lbs/day
For June 14 : (3.01 mg/l x 0.23 MGD x 8.34) = 5.77 lbs/ day
For June 20: (2.0 mg/l x 0.20 MGD x 8.34) = 3.34 lbs/day
(1.24 +5.77+3.34.)/3= 3.45 lbs/day

Values are the same.

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1016**
Witness:	**Kerri McCabe**			Photo #:	**1**
Description:	**Preliminary.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1017**
Witness:	**Kerri McCabe**			Photo #:	**2**
Description:	**Aerated equalization (EQ) basin.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1024**
Witness:	**Kerri McCabe**			Photo #:	**3**
Description:	**Oxidation ditch.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1035**
Witness:	**Kerri McCabe**			Photo #:	**4**
Description:	**Hydraulic overload due to I&I that has occurred by the clarifier.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1036**
Witness:	**Kerri McCabe**			Photo #:	**5**
Description:	**Clarifier.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1108**
Witness:	**Kerri McCabe**			Photo #:	**6**
Description:	**Blowers for aerobic digester.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1108**
Witness:	**Kerri McCabe**			Photo #:	**7**
Description:	**Aerobic digester with foam layer.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1047**
Witness:	**Kerri McCabe**			Photo #:	**8**
Description:	**UV disinfection.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1048**
Witness:	**Kerri McCabe**			Photo #:	**9**
Description:	**9" Parshall flume with totalizer.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1054**
Witness:	**Kerri McCabe**			Photo #:	**10**
Description:	**Post-aeration.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1054**
Witness:	**Kerri McCabe**			Photo #:	**11**
Description:	**Post-aeration basin; effluent piped to outfall structure.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1057**
Witness:	**Kerri McCabe**			Photo #:	**12**
Description:	**Outfall 001.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1044**
Witness:	**Kerri McCabe**			Photo #:	**13**
Description:	**Sludge drying beds.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1045**
Witness:	**Kerri McCabe**			Photo #:	**14**
Description:	**Sludge drying beds with thin layer of wasted sludge.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1022**
Witness:	**Kerri McCabe**			Photo #:	**15**
Description:	**Clarifier and trickling filter (in background) not in operation.**				

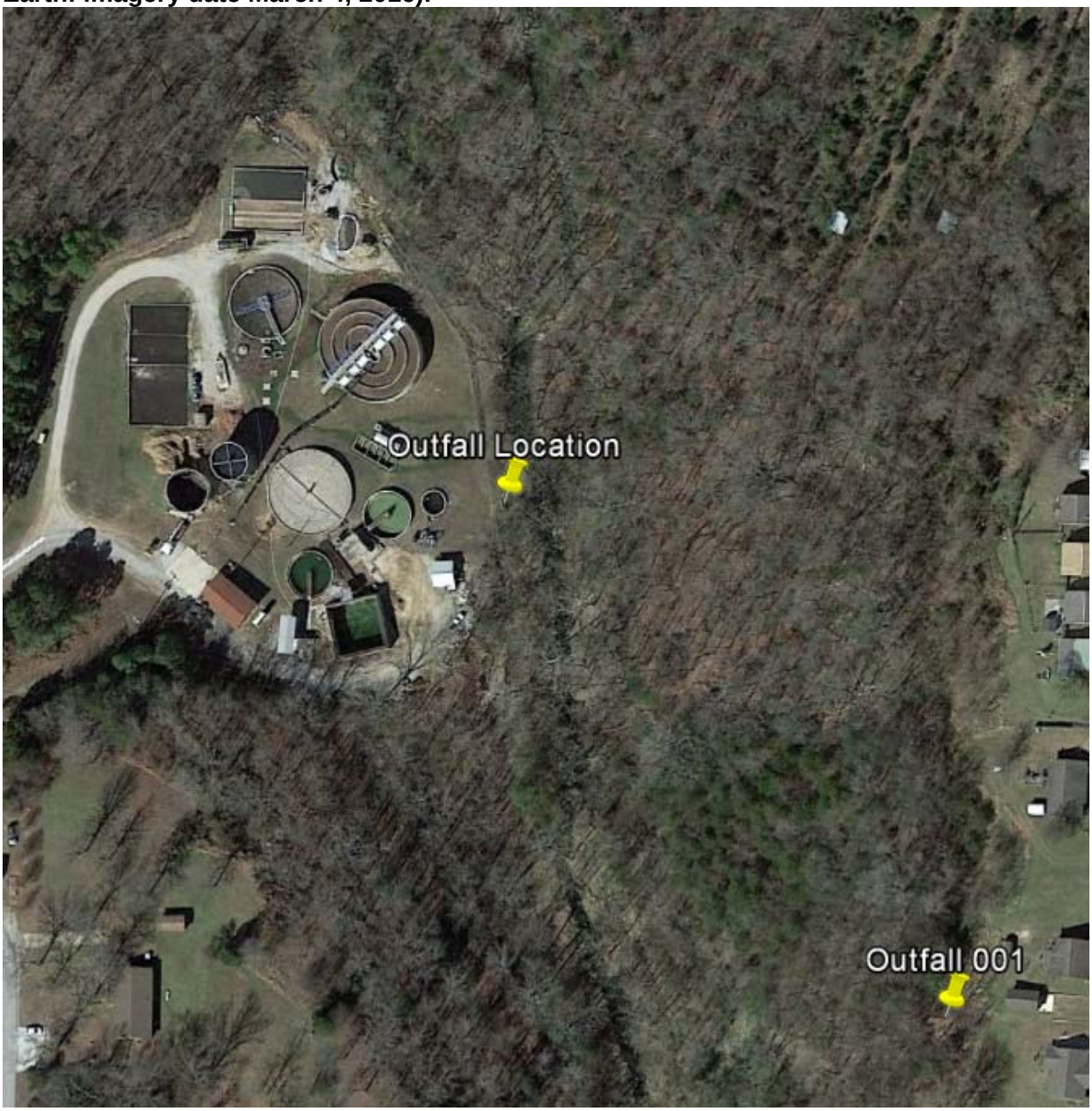
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1104**
Witness:	**Kerri McCabe**			Photo #:	**16**
Description:	**Clarifier not in operation.**				

Water Division Photographic Evidence Sheet					
Location:	**City of Mountain View**				
Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1108**
Witness:	**Kerri McCabe**			Photo #:	**17**
Description:	**Bio-tower trickling filter not in operation.**				

Photographer:	**Skyler Schlick**	Date:	**11/21/2017**	Time:	**1105**
Witness:	**Kerri McCabe**			Photo #:	**18**
Description:	**Chlorine contact chamber not in operation.**				

Figure 1. General overview of the site with major components labeled and components not in operation labeled in red (Google Earth: imagery date March 4, 2016).

Figure 1. General overview of the site with outfall location and actual coordinates labeled (Google Earth: imagery date March 4, 2016).



MOUNTAIN VIEW WATER & WASTEWATER

PO BOX 360
311 WEST MAIN ST
MOUNTAIN VIEW AR 72560

PHONE: 870-269-3293
FAX: 870-269-9158

December 29, 2017

ADEQ
Water Division Inspection Branch
5301 Northshore Dr
North Little Rock AR 72118-5317

RE: City of Mountain View Inspection (Stone Co)
AFIN: 69-00011 NPDES Permit No: AR0020117
AR0020117C

Dear Mr. Schlick:

This is in regards to your letter dated December 19, 2017 for Compliance Evaluation Inspection. We received a copy of the letter that was sent to ADEQ by the engineers regarding AR0020117C satisfying this permit as listed in item number one on summary of findings. Item number two on findings we were collecting 3 effluent samples should be 4. We have contacted Mc Clelland Lab we will be doing the 4 samples as indicated, and the chain of custody form is being updated. Item number three in photo #4 was cleaned up and placed on drying bed and lime applied to area. Item number four is using chlorine to clean the clarifier of algea will no longer be used. The excessive I&I within the collection system is still being monitored and we are looking back at mainlines that we inspected by camera and found issues in a mainline on Vine Street from highway 87 to highway 66 that will be schedule to be repaired or replace in 2018. We are going to do more inspections by camera in areas that have not been done yet if any issues are found they will be addressed soon as possible weather permitting. We will be getting emergency contact information at lift stations posted as soon as signs are completed. The Auto-dialers will be updated and working alarm lights will be in place. We will install electric hook-ups for generators at lift stations for emergency use. We will address the holding capacity of the wet wells at lift stations. We will be contacting the Stone County Sheriff to address the issues coming from the jail.

Sincerely,

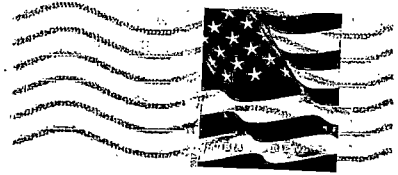
Roger Gardner, Mayor City of Mountain View

Jackie Craig II, Wastewater Plant Operator

MOUNTAIN VIEW WATER DEPT.
PO BOX 360
MOUNTAIN VIEW AR 72560

LITTLE ROCK AR 722

03 JAN 2018 PM 3 L



ADEQ
WATER DIVISION INSPECTION BRANCH
5301 NORTHSHORE DR
NORTH LITTLE ROCK AR 72118-5317

72118-531799

ADEQ

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

January 29, 2018

Roger Gardner
City of Mountain View
P.O. Box 360
Mountain View, AR 72560

Re: City of Mountain View POTW - Response to Inspections (Stone Co)
AFIN: 69-00011 NPDES Permit No.: AR0020117
AR0020117C

Dear Mayor Gardner:

I have reviewed your response pertaining to my inspection of the above-referenced facility.

Violations 1, 2, and 4 were sufficiently addressed; however, the other information provided did not sufficiently address the remaining violations referenced in my inspection report. Specifically,

1.) Please provide the ADEQ Office of Water Quality Compliance Branch with a timeline for the completion of the required work on the I&I issues noted with the collection system.

2.) Please provide documentation and/or other evidence to indicate the work has been completed.

This documentation should be submitted as soon as possible. Please provide the information no later than **February 12, 2018**.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (870) 424-3322 ext. 2 or you may e-mail me at schlicks@adeq.state.ar.us.

Sincerely,

Skyler Schlick

Skyler Schlick
District 2 Field Inspector
Office of Water Quality

From: Schlick, Skyler
To: McConnell, Melissa
Subject: FW: AR0020117 permit inspection letter
Date: Monday, February 12, 2018 7:42:14 AM
Attachments: adeqinspletterfeb2018.docx

WID 23502, 23503 AR0020117

Skyler Schlick
Inspector-Water Division District 2
Arkansas Department of Environmental Quality
Office- (870) 424-3322 ext. 2
Cell – (501) 514-2126

-----Original Message-----
From: Mountain View Water Department [mailto:waterdepartment@cityofmtnview.com]
Sent: Friday, February 09, 2018 4:43 PM
To: SKYLER SCHLICK
Cc: ADEQ
Subject: AR0020117 permit inspection letter

Skylar
Here is the letter. Please let us know you received it.
Thanks

--
Mountain View Water Department
Voice 1-870-269-3293
Fax 1-870-269-9158

MOUNTAIN VIEW WATER & WASTEWATER

PO BOX 360
311 WEST MAIN ST
MOUNTAIN VIEW AR 72560

PHONE: 870-269-3293
FAX: 870-269-9158

February 9, 2018

ADEQ
Office of Water Quality
5301 Northshore Drive
North Little Rock AR 72118-5317

RE: City of Mountain View POTW-Response to Inspections (Stone Co.)
AFIN: 69-00011 NPDES Permit No: AR0020117
AR0020117C

Dear Sir;

Here is the information you have requested on the inspection report that was not addressed as stated in your letter of January 29, 2018. We have said in previous letters that we are trying to address the I&I problem and that we have reviewed the videos where the system was checked for areas that had problems. We did find some of the areas that had issues that were not repaired yet and we will proceed to fix them by the end of the year or by the summer of 2019. We are going to address the force main first that we talked about in our phone conversation yesterday. We will document all the repairs as they are completed and get this information to you. We will continue to work on this issue until we can stop the problem we are having at our POTW but until the customer service lines are addressed all of the problem will not be solved but slowed to a point where we are not out of compliance is what we will strive for. If you have any questions, please give me a call at any time.

Sincerely,

Roger Gardner, Mayor City of Mountain View, Arkansas
RG:dw