ADEQ

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

November 26, 2014

Daniel Dawson, General Manager
Searcy Water Utilities
300 North Elm Street P.O. Box 1319
Searcy, AR 72145

RE: Searcy WWTF Inspection
AFIN: 73-00055 Permit No.: AR0021601

Dear Mr. Dawson:

Over the dates of October 8, 2014, October 9, 2014, and November 21, 2014 Erica McAdoo and I performed a Compliance Evaluation Inspection, Pretreatment Compliance Inspection, and a SSO/Collection System Inspection of the above referenced facility in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. A copy of the inspection report is enclosed for your records.

Please refer to the "Summary of Findings" section of the attached inspection report and provide a written response for each violation that was noted. This response should be mailed to the attention of the Water Division Inspection Branch at the address at the bottom of this letter or e-mailed to Water-Inspection-Report@adeq.state.ar.us. 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 **December 13, 2014**.

If I can be of any assistance, please contact me at bakerclark@adeq.state.ar.us or (501)682-0657.

Sincerely,

Clark Baker

Clark Baker
District 9 Field Inspector
Water Division

ADEQ
ARKANSAS
Department of Environmental Quality

WATER DIVISION INSPECTION REPORT

AFIN: **73-00055** | PERMIT #: **AR0021601** | DATE: **10/8/2014**

COUNTY: **73 White** | PDS #: **081083** | MEDIA: **WN**

GPS LAT: **35.268289** LONG: **-91.716111** LOCATION: **Entrance**

FACILITY INFORMATION

NAME:
Searcy WWTF
LOCATION:
260 N. Bypass
CITY:
Searcy

RESPONSIBLE OFFICIAL

NAME: / TITLE
Daniel Dawson / General Manager
COMPANY:
Searcy Water Utilities
MAILING ADDRESS:
300 North Elm Street P.O. Box 1319
CITY, STATE, ZIP:
Searcy AR 72145
PHONE & EXT: / FAX:
501-268-2481 / 501-268-9463
EMAIL:
d.dawson@cablelynx.com

CONTACTED DURING INSPECTION: **Yes**

INSPECTION INFORMATION

FACILITY TYPE: **1 - Municipal**
INSPECTOR ID#: **80397 S - State**
FACILITY EVALUATION RATING: **3 - Satisfactory**
INSPECTION TYPE: **Compliance Evaluation**
DATE(S): **10/8/2014**
ENTRY TIME: **11:00**
EXIT TIME: **12:15**
PERMIT EFFECTIVE DATE: **10/1/2013**
PERMIT EXPIRATION DATE: **9/30/2018**

FAYETTEVILLE SHALE RELATED: **N**

FAYETTEVILLE SHALE VIOLATIONS: **N**

INSPECTION PARTICIPANTS

NAME/TITLE/PHONE/FAX/EMAIL/ETC.:
Clark Baker/ADEQ Water Inspector/(501)682-0657

Erica McAdoo/ADEQ Water Inspector/(501)683-0827

AREA EVALUATIONS

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

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

SUMMARY OF FINDINGS

- **Vegetation growing within the units of the treatment system (see photo 1-2).**
- **Algae on the weirs of the secondary clarifier (see photos 3-5).**
- **Improper disposal of solids removed from the secondary clarifier (see photos 6-9).**

GENERAL COMMENTS

- **A water leak in an underground electrical access area has resulted in electrical components of the system coming into contact with water.**
- **It appears that the tubing in the composite sampler needs to be replaced. A buildup of impurities can negatively impact the sample results (see photo 10).**

INSPECTOR'S SIGNATURE: Clark Baker **Clark Baker** DATE: **11/25/2014**

SUPERVISOR'S SIGNATURE: **Jason Bolenbaugh** DATE: **11/25/2014**

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:	☑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: **The Monthly average loading mass for TSS in August was incorrectly reported on the DMR due to an incorrect flow rate used when calculating the loading mass for 8/13/2014. The actual value is still less than the permit limit**	☐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: **vegetation in treatment units. Some algae on the weirs of the secondary clarifier, the brushes on the scraper used to prevent the buildup of algae may need to be replaced. There is evidence of algae and other solids recovered from the secondary clarifier being wasted on the ground instead of being properly disposed of.**	☐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: **8/10/2014 – 8/12/2014**	☑Y ☐N ☐NA ☐NE
15. IF SO, DID PERMIT VIOLATIONS OCCUR AS A RESULT:	☑Y ☐N ☐NA ☐NE

A water leak in an underground electrical access area has resulted in electrical components of the system coming into contact with water.

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:__ TYPE OF DEVICE: **2ft 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 & I Arkansas Testing**	
b. LAB ADDRESS: **8600 Kanis Road, Little Rock, AR 72204 I 3301 Langley Dr., Searcy, AR 72143**	
c. PARAMETERS PERFORMED: **Phenolics, Cyanide, and Biomonitoring I Nitrite+Nitrate & Phosphorus analysis**	
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:

OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
001				X			--

SECTION H: SLUDGE DISPOSAL

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

DETAILS:

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:

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

DMR Calculation Check

Reporting Period:	**From**	**2014** (Year)	**7** (Month)	**1** (Day)	**To**	**2014** (Year)	**7** (Month)	**31** (Day)

Parameter Checked: **CBOD5**

	Loading	**Concentration**	
	Mass	**Monthly**	
	Mo. Avg. - lbs/day	**Mo. Avg. - mg/l**	**7-day Avg. - mg/l**
Reported Value:	**181.9**	**6.0**	**6.4**
Calculated Value:	**181.9**	**6.0**	**6.4**
Permit Value:	**625.5**	**15**	**22.5**

If calculated value does not equal reported value, explain:

DMR Calculation Check

Reporting Period:	**From**	**2014** (Year)	**8** (Month)	**1** (Day)	**To**	**2014** (Year)	**8** (Month)	**31** (Day)

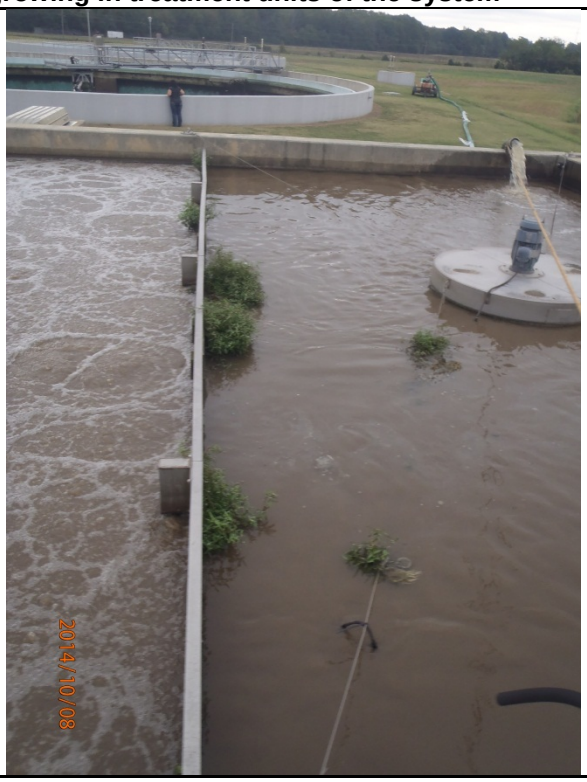
Parameter Checked: **TSS**

	Loading Mass	**Concentration Monthly**	
	Mo. Avg. - lbs/day	**Mo. Avg. - mg/l**	**7-day Avg. - mg/l**
Reported Value:	**99.9**	**4.3**	**5.4**
Calculated Value:	**102.9**	**4.3**	**5**
Permit Value:	**834**	**20**	**30**

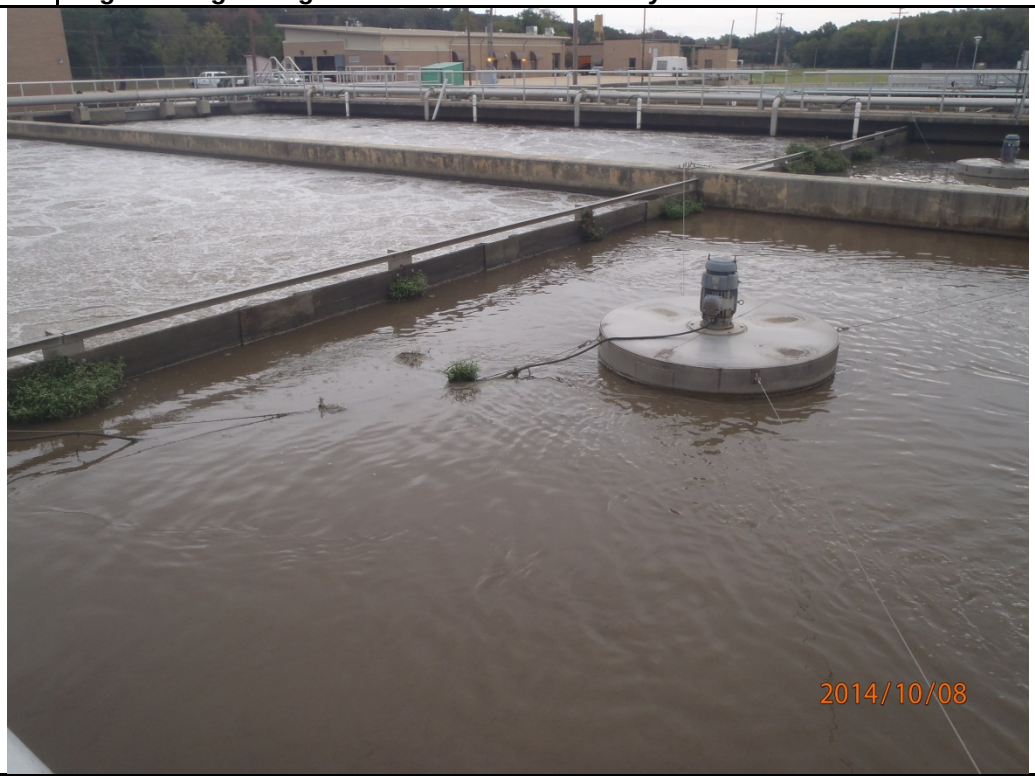
If calculated value does not equal reported value, explain:

The monthly average loading mass for TSS in August was calculated multiple times by hand and using a calculating spreadsheet resulting in a value of 102.9 each time. The same was done for the highest 7-day average of TSS in August resulting in a value of 5 each time. It is unknown how the facility calculated the values reported on the DMR for TSS in August. Tim Cleveland, assistant manager, was contacted inquire about the differing results. He explained that the week with 5.4 mg/l average was one that had all of the values recorded at the end of July, but since the Friday and Saturday, which they consider the end of the week, were in August that week is considered to be an August week. The monthly average loading mass reported on the DMR was found to be incorrect due to an incorrect flow value used when calculating the loading mass for the 13th.

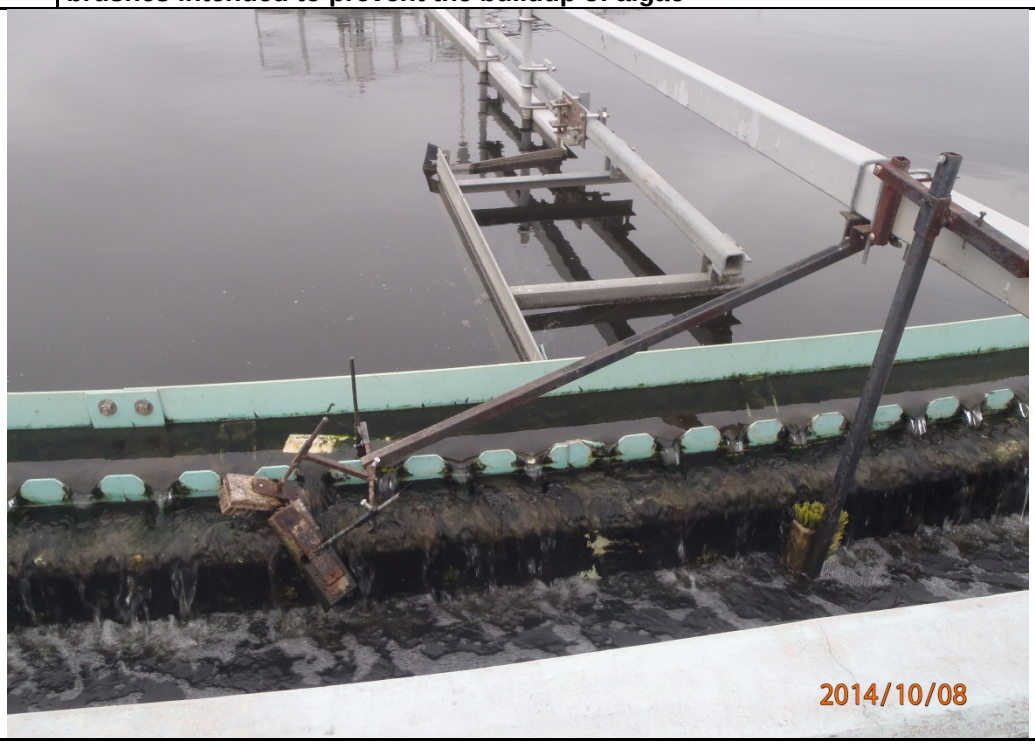
Water Division Photographic Evidence Sheet					
Location:	**Searcy WWTF**				
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:17**
Witness:	**None**			Photo #:	**1**
Description:	**Vegetation growing in treatment units of the system**				



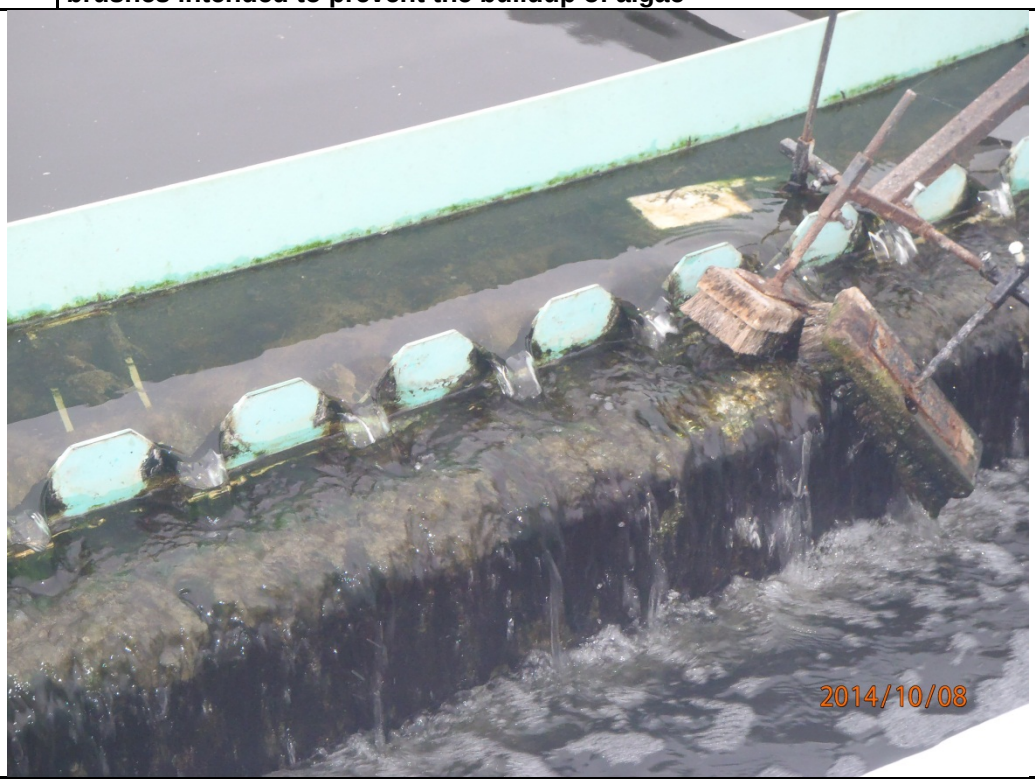
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:15**
Witness:	**None**			Photo #:	**2**
Description:	**Vegetation growing in treatment units of the system**				



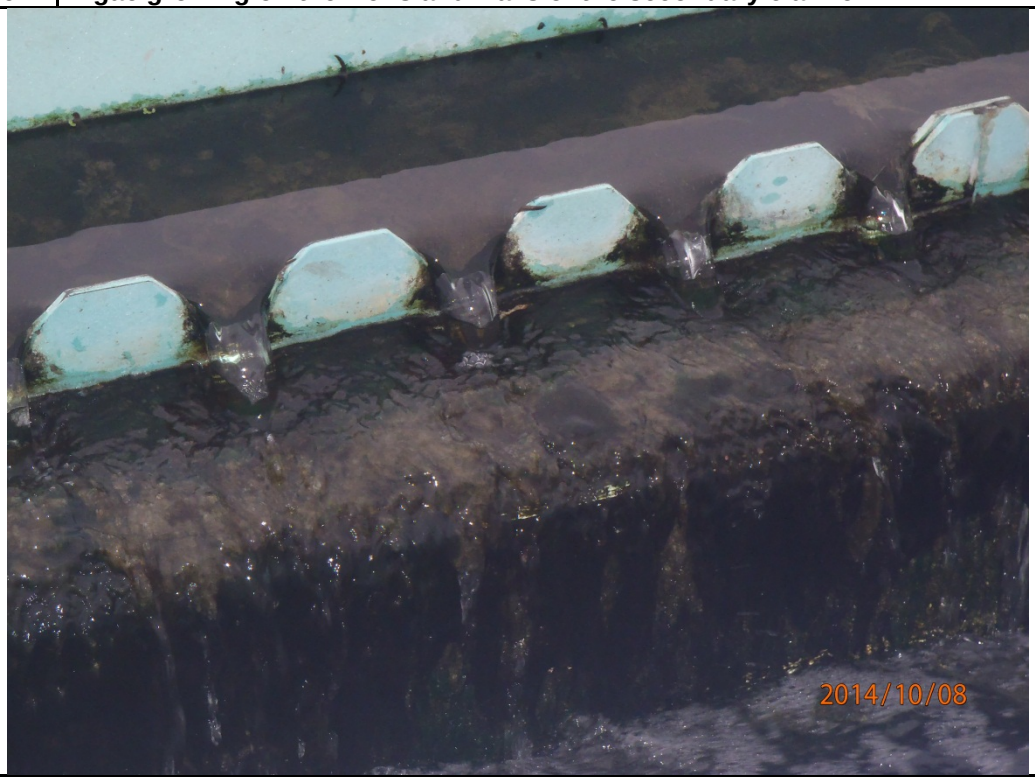
Water Division Photographic Evidence Sheet					
Location:	**Searcy WWTF**				
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:23**
Witness:	**None**			Photo #:	**3**
Description:	**Algae growing on the weirs and walls of the secondary clarifier despite the scrub brushes intended to prevent the buildup of algae**				



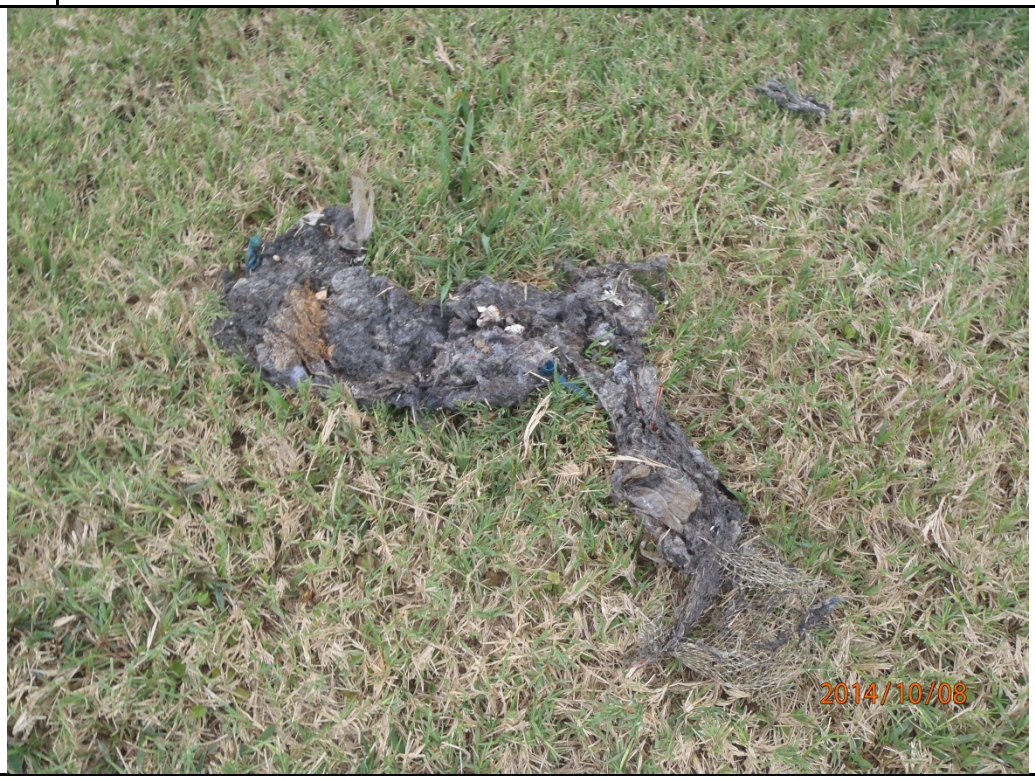
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:23**
Witness:	**None**			Photo #:	**4**
Description:	**Algae growing on the weirs and walls of the secondary clarifier despite the scrub brushes intended to prevent the buildup of algae**				



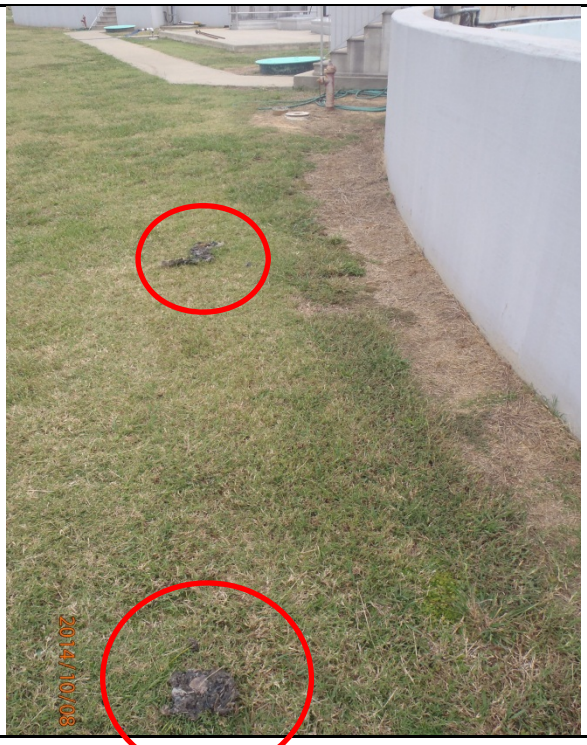
Water Division Photographic Evidence Sheet					
Location:	**Searcy WWTF**				
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:22**
Witness:	**None**			Photo #:	**5**
Description:	**Algae growing on the weirs and walls of the secondary clarifier**				



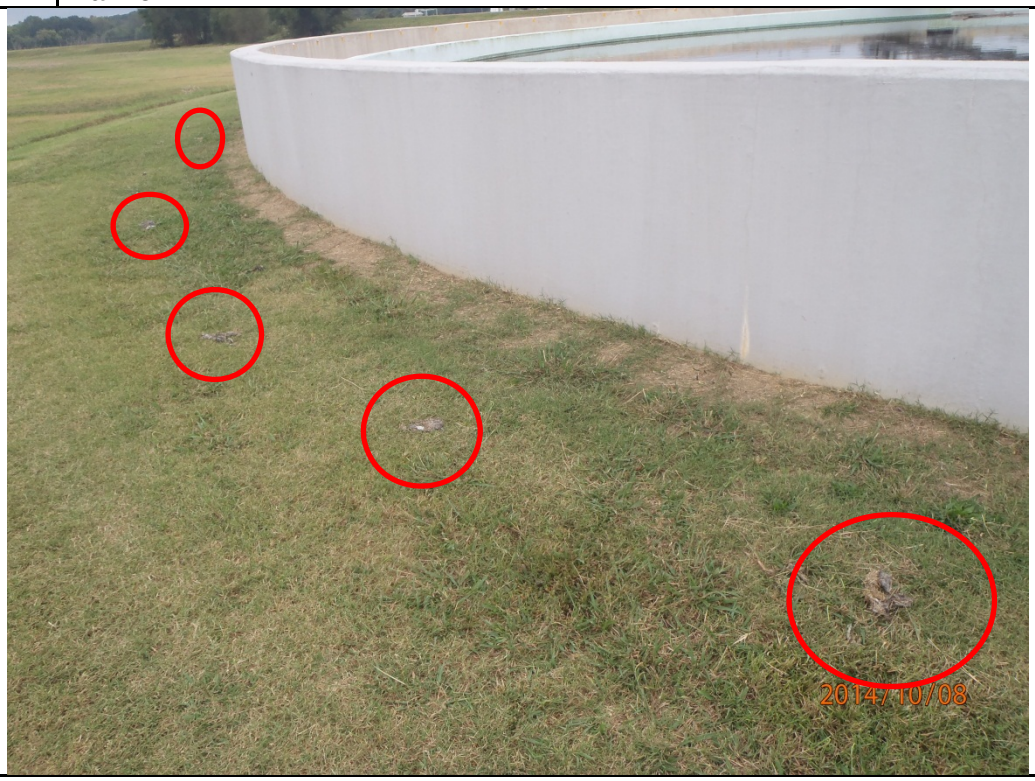
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:26**
Witness:	**None**			Photo #:	**6**
Description:	**Solids removed from the secondary clarifier disposed of in an inappropriate manner**				



Water Division Photographic Evidence Sheet					
Location:	**Searcy WWTF**				
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:25**
Witness:	**None**			Photo #:	**7**
Description:	**Solids removed from the secondary clarifier disposed of in an inappropriate manner**				

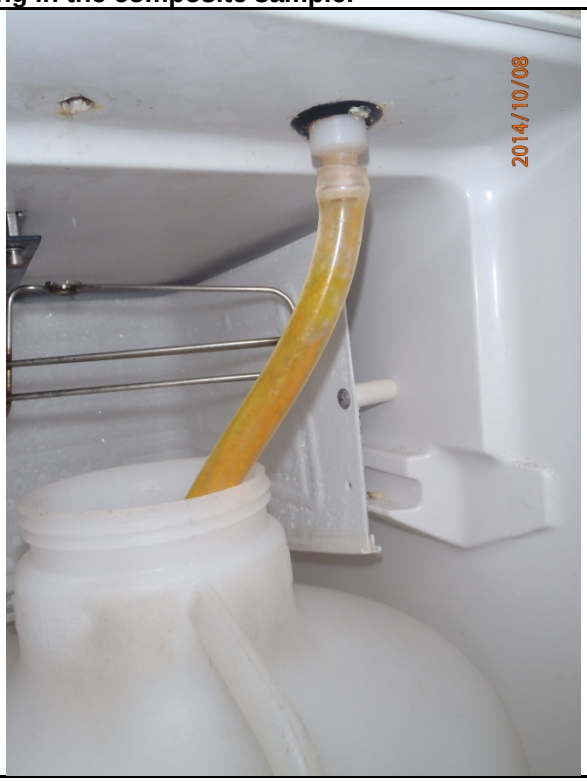


Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:24**
Witness:	**None**			Photo #:	**8**
Description:	**Solids removed from the secondary clarifier disposed of in an inappropriate manner**				

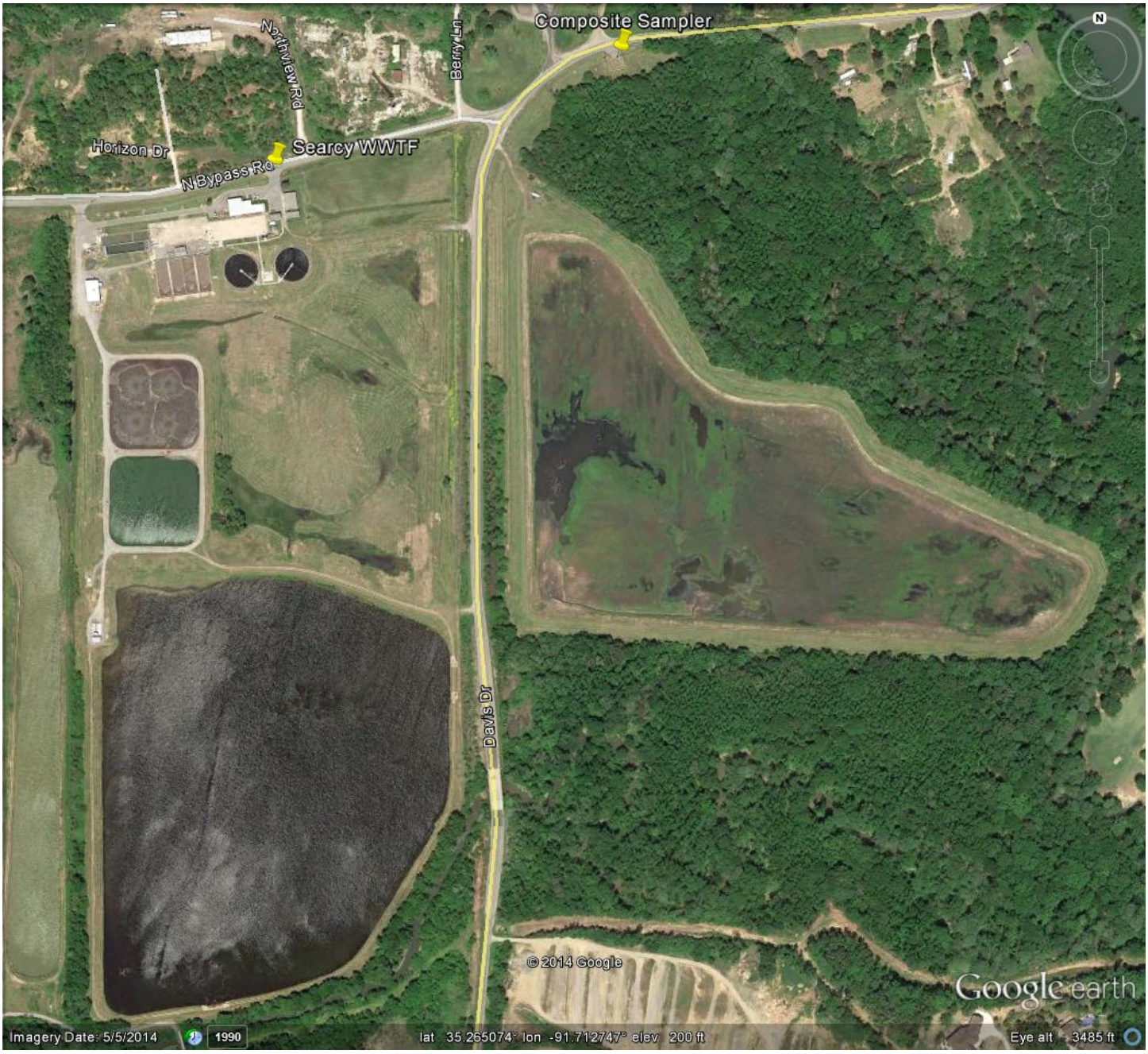


Water Division Photographic Evidence Sheet					
Location:	**Searcy WWTF**				
Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**11:24**
Witness:	**None**			Photo #:	**9**
Description:	**Solids removed from the secondary clarifier disposed of in an inappropriate manner**				

Photographer:	**Clark Baker**	Date:	**10/8/2014**	Time:	**12:12**
Witness:	**None**			Photo #:	**10**
Description:	**Stained tubing in the composite sampler**				



Google Earth image of the area:



Searcy Water Utilities

December 10, 2014

CERTIFIED MAIL, Return Receipt Requested: 7010 2780 0002 5135 3473

Mr. Clark Baker
Water Division Inspection Branch
ADEQ
5301 Northshore Dr.
North Little Rock, AR 72118-5317

Re: NPDES Permit No. AR0021601
AFIN: 73-00055

Dear Mr. Baker:

Please find enclosed with this letter copies of emails from Mr. Jimmy Smith and Mr. Paul Abernathy addressing the Findings as noted in your Inspection Reports sent to us under a letter dated November 26, 2014.

We hope this adequately addresses the concerns noted in said report. Please contact Jimmy, Paul, or myself if there is anything further we need to do to address these matters.

Sincerely,

SEARCY WATER UTILITIES

Daniel K. Dawson
General Manager

Enclosures

300 North Elm St. • P.O. Box 1319 • Searcy, Arkansas 72145-1319 • Phone (501) 268-2481 • Fax (501) 268-9463

Subject: Response to ADEQ Inspection
From: "Jimmy Smith" <jsmith67@cablelynx.com>
Date: 12/1/2014 9:31 AM
To: "Daniel Dawson" <d.dawson@cablelynx.com>

Mr. Dawson,

In reference to the findings of ADEQ during an inspection conducted Friday, November 21, 2014 at the Baker / Hughes Industry by ADEQ representative, Clark Baker, Searcy Water Utilities sewer line maintenance and repair Supervisor, Keith West and Searcy Water Utilities Pretreatment Coordinator, Jimmy Smith

Representatives from Baker / Hughes were present on the day of the inspection after we found the evidence of the "oil " in the lift station.

We inspected Baker / Hughes Oil and Water Separators and found the same type of liquid.

After reviewing the blue prints of Baker / Hughes sewer system and confirming that it was most probable that an event occurred that led to the petroleum based substance exiting the oil and water separators and flowing to the pump station, I contacted Mr. Alan Manley of Baker / Hughes and requested that Baker / Hughes promptly take measures to pump the substance out of the pump station, clean the two oil and water separators and make sure that the oil and water separators are working properly according to the manufacturers specifications.

On Monday, November 24, 2014, Mr. Manley of Baker Hughes informed me that the above mentioned substance in the pump station and oil and water separators would be pumped out taken by a company that would dispose of the matter appropriately.
Mr. Manley called me again on the same day, around 3 pm, and informed me that the matter had been taken care of and they would be performing maintenance on their oil and water separators to make sure this event does not occur in the future.

Sincerely,

Jimmy Smith

Searcy Water Utilities
Pretreatment Coordinator /
Safety Director
P.O. Box 1319
Searcy, Ar. 72145
Office: 501-268-2481
Fax:: 501-268-9463

Subject: WWTF Response
From: Paul Abernathy <pabernathy1@outlook.com>
Date: 12/10/2014 9:05 AM
To: "d.dawson@cablelynx.com" <d.dawson@cablelynx.com>

Searcy WWTF
Permit# AR0021601

Issues and actions from ADEQ inspection of 10/8/2014

Issue #1 Vegetation growing within treatment units.

Action taken: Vegetation on anoxic zone baffles and secondary clarifier weirs have been removed and disposed of properly. Cleaning scheduled frequency has been increased. Operators have been instructed concerning proper disposal of vegetation.

Issue #2 Algae on secondary clarifier weirs.

Action Taken: Algae has been removed and disposed of properly. Weir brushes have been replaced. The weirs are now being constantly chlorinated to prevent regrowth.

Issue #3 Improper disposal of solids from weir.

Action Taken: Operators have been instructed on proper disposal areas.

Issue #4 Underground water leak in electrical area.

Action Taken: A leak in the potable water line around the Secondary clarifier has been found and line has been disconnected. Water leaking from conduit has ceased. Water line has been scheduled for repair.

Issue #5 Composite sampler tubing requiring attention.

Night operators have been notified concerning the tubing, and it has been replaced. Regular scheduled sample maintenance frequency has been increased.

Paul Abernathy
Manager Searcy WWTP

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Mr. Clark Baker
Water Division Inspection Branch
ADEQ
5301 Northshore Dr.
North Little Rock, AR 72118-5317

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