

April 8, 2014

Kent Latch, Water and Sewer Manager Heber Springs Wastewater Treatment Facility 1101 West Front Street Heber Springs, AR 72543

RE: Compliance Inspections (Cleburne Co)

AFIN: 12-00029 NPDES Permit No.: AR0022381 CEI

AR0022381 SSO AR0022381C

Dear Mr. Latch:

On March 11, 2014, I performed routine compliance inspections of the wastewater treatment facility and collection system in accordance with the provisions of the Federal Clean Water Act, the Arkansas Water and Air Pollution Control Act, and the regulations promulgated thereunder. This inspection revealed the following violation:

Arkansas Pollution Control and Ecology Commission Minute Order # 80-21 and Regulation 6.202 (B) require that the basic design criteria for wastewater treatment plants be based on the latest edition of the "Recommended Standards for Sewage Works" published by the Great Lakes-Upper Mississippi Board of State Sanitary Engineers known as "10 States Standards." There is no fence and signage between the facility's sewage disposal pond and the residential/commercial property that adjoins it. **This is a violation of 57.1.a of the 10 States Standards.**

The above item requires your immediate attention. Please submit a written response to these findings to the Water Division Inspection Branch of this Department. This response should be mailed to the address at the bottom of the first page of the letter or e-mailed to Water-Inspection-report@adeq.state.ar.us. 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 **April 22, 2014**.

If I can be of any assistance, please contact me at saunders@adeq.state.ar.us or (870) 424-3322 ext. 3.

Sincerely,

1--

Sean Saunders
District 11 Field Inspector
Water Division

0	E PA						Form Approved OMB No. 2040-0003
		UNIT	ED STATES ENVIRONME Washington	ENTAL PROTECTION , D.C. 20460	N AGENCY	<i>'</i>	
	NPDE:	S C	Complianc	e Inspec	tion	Report	
			S	Section A: Nation	ıal Data	System Coding	
1	Transaction Code N 2 5 3 A R	0	NPDES 2 2 3	8 1 11	12 1	Yr/Mo/Day 1 4 0 3 1 1 17	Inspec. Type Inspector Fac. Type 18 C 19 S 20 1
	A F I N 1	2	- 0 0 0	2 9	Remarks	111111	
	Inspection Work Days 67 69]	Facility Evaluation Ra	ating 1	BI N 7	QA	Reserved
				Section I	3: Facilit	ty Data	
incli Heb	ne and Location of Facility Inspected and POTW name and NPDES permit er Springs Wastewater Treatment	numi	per)	harging to POTW	7, also	Entry Time/Date 11:00 3/11/2014	Permit Effective Date 3/1/2013
	4 Bypass Rd. er Springs, AR 72543					Exit Time/Date 15:30 3/11/2014	Permit Expiration Date 2/28/2018
	ne(s) of On-Site Representative(s)/T			ber(s)			Other Facility Data
	n Querry, Wastewater Superintend						N35°29′11.350″
Ken	ne, Address of Responsible Official/ at Latch, Water and Sewer Manag		Phone and Fax Numb	er		Contacted	W91°58′59.654″
	1 West Front Street per Springs, AR 72543						PDS# 077143
						Yes ✓ No ☐	
						During Inspection atisfactory, N = Not Evaluated)	
S	Permit	S	Flow Measuremen			Operations & Maintenance	Sampling
S	Records/Reports	S	Self-Monitoring P	rogram	S S	Sludge Handling/Disposal	Pollution Prevention
S	Facility Site Review	S	Compliance Scheo	lules	N P	- Curcument	Multimedia
S	Effluent/Receiving Waters	S	Laboratory	(E: 1: /C		otorm water	Other:
		Se	ction D: Summary o	of Findings/Com	ments (A	Attach additional sheets if necessary)	
	here is no fence and esidential/commerci	_			•	's sewage disposal po	nd and the
	me(s) and Signature(s) of Inspector(s)		Agency/Office/ AR Dept. of Er			Date
٤		Sau	nders	Mountain Hon (870) 424-3322		Annual	March 31, 2014
	nature of Reviewer No Ma Coly Kerri McCo	ahe		Agency/Office/ADEQ / NLR /		nd Fax Numbers 2-0642	Date April 7, 2014

AFIN: **12-00029**

ADEQ Water NPDES Inspection

Permit #: AR0022381

ADEQ Water NPDES Inspection	AFIN: 12-00029	Permit #: AR0022381	
SECTION A: PERMIT VERIFICATION	N		
PERMIT SATISFACTORILY ADDRESSES	S OBSERVATIONS	✓s	□M □U □NA □NE
DETAILS:			
1. CORRECT NAME AND MAILING ADDRESS OF PERMIT	TEE:		Øy □n □na □ne
2. NOTIFICATION GIVEN TO EPA/STATE OF NEW DIFFE	RENT OR INCREASED DISCHARGES:		□Y □N □NA □NE
3. NUMBER AND LOCATION OF DISCHARGE POINTS AS	DESCRIBED IN PERMIT:		Øy □n □na □ne
4. ALL DISCHARGES ARE PERMITTED:			Øy □n □na □ne
SECTION B: RECORDKEEPING AN	D REPORTING EVALUATION		
RECORDS AND REPORTS MAINTAINED	AS REQUIRED BY PERMIT	✓s	□M □U □NA □NE
DETAILS:			
1. ANALYTICAL RESULTS CONSISTENT WITH DATA R	EPORTED ON DMRS:		Øy □n □na □ne
2. SAMPLING AND ANALYSES DATA ADEQUATE AND	INCLUDE:		Øs □m □u □na □ne
a. DATES AND TIME(S) OF SAMPLING:			Øy On Ona One
b. EXACT LOCATION(S) OF SAMPLING:			Øy □n □na □ne
c. NAME OF INDIVIDUAL PERFORMING SAMPLING:			Øy □n □na □ne
d. ANALYTICAL METHODS AND TECHNIQUES:			ØY ON ONA ONE
e. RESULTS OF CALIBRATIONS:			Øy On Ona One
f. RESULTS OF ANALYSES:			Øy On Ona One
g. DATES AND TIMES OF ANALYSES:			Øy □n □na □ne
h. NAME OF PERSON(S) PERFORMING ANALYSES:			☑Y □N □NA □NE
3. LABORATORY EQUIPMENT CALIBRATION AND MAI	NTENANCE RECORDS ADEQUATE:		Øs □m □u □na □ne
4. PLANT RECORDS INCLUDE SCHEDULES, DATES O	F EQUIPMENT MAINTENANCE AND REPAIR:		Øs □m □u □na □ne
5. EFFLUENT LOADINGS CALCULATED USING DAILY	EFFLUENT FLOW AND DAILY ANALYTICAL DATA:		☑Y □N □NA □NE
SECTION C: OPERATIONS AND MA	AINTENANCE		
TREATMENT FACILITY PROPERLY OPE		✓s	□M □U □NA □NE
DETAILS:			
TREATMENT UNITS PROPERLY OPERATED:			ØS OM OU ONA ONE
2. TREATMENT UNITS PROPERLY MAINTAINED:			ØS OM OU ONA ONE
3. STANDBY POWER OR OTHER EQUIVALENT PROVI	DED:		Øs □m □u □na □ne
4. ADEQUATE ALARM SYSTEM FOR POWER OR EQUI	PMENT FAILURES AVAILABLE:		Øs □m □u □na □ne
5. ALL NEEDED TREATMENT UNITS IN SERVICE:			Øs □m □u □na □ne
6. ADEQUATE NUMBER OF QUALIFIED OPERATORS F	PROVIDED:		☑S □M □U □NA □NE
7. SPARE PARTS AND SUPPLIES INVENTORY MAINTA	NINED:		Øs □m □u □na □ne
8. OPERATION AND MAINTENANCE MANUAL AVAILAB	BLE:		Øy □n □na □ne
9. STANDARD OPERATING PROCEDURES AND SCHE	DULES ESTABLISHED:		Øy □n □na □ne
10. PROCEDURES FOR EMERGENCY TREATMENT CO	NTROL ESTABLISHED:		☑Y □N □NA □NE
11. HAVE BYPASSES/OVERFLOWS OCCURRED AT THE	E PLANT OR IN THE COLLECTION SYSTEM IN THE	LAST YEAR:	□y Øn □na □ne
12. IF SO, HAS THE REGULATORY AGENCY BEEN NOT	IFIED:		□Y □N ☑NA □NE
13. HAS CORRECTIVE ACTION BEEN TAKEN TO PREVI			□Y □N ☑NA □NE
14. HAVE ANY HYDRAULIC OVERLOADS OCCURRED A			
15 IF SO DID PERMIT VIOLATIONS OCCUR AS A RESI			

	ADEQ water NPDES inspection AFIN: 12-00029 Permit #: AR002	:2381			
	ECTION D. CAMPI INC.				
	ECTION D: SAMPLING				
	ERMITTEE SAMPLING MEETS PERMIT REQUIREMENTS		M DU DI	NA ∐I	NE
	ETAILS:				
1.	SAMPLES TAKEN AT SITE(S) SPECIFIED IN PERMIT:		ØY □N □		
2.	LOCATIONS ADEQUATE FOR REPRESENTATIVE SAMPLES:		ØY □N □		
3.	FLOW PROPORTIONED SAMPLES OBTAINED WHEN REQUIRED BY PERMIT:		ØY □N □		
4.	SAMPLING AND ANALYSES COMPLETED ON PARAMETERS SPECIFIED IN PERMIT:		ØY □N □		
5.	SAMPLING AND ANALYSES PERFORMED AT FREQUENCY SPECIFIED IN PERMIT:		ØY □N □		
6.	SAMPLE COLLECTION PROCEDURES ADEQUATE:		ØY □N □		
á	a. SAMPLES REFRIGERATED DURING COMPOSITING:		ØY □N □		
k	p. PROPER PRESERVATION TECHNIQUES USED:		ØY □N □		
C	c. CONTAINERS AND SAMPLE HOLDING TIMES CONFORM TO 40 CFR 136:		ØY □N □		
7.	IF MONITORING IS PERFORMED MORE OFTEN THAN REQUIRED ARE RESULTS REPORTED ON THE DMR:		Øy □n □		NE
SI	ECTION E: FLOW MEASUREMENT				
Ρŀ	ERMITTEE FLOW MEASUREMENT MEETS PERMIT REQUIREMENTS	Øs □r	M DU DN	NA □	NE
DI	ETAILS:				
1.	PRIMARY FLOW MEASUREMENT DEVICE PROPERLY INSTALLED AND MAINTAINED: TYPE OF DEVICE: No Primary Devices No Prima	vice	□Y □N €	ØNA □	NE
2.	FLOW MEASURED AT EACH OUTFALL AS REQUIRED: Flow measured prior to UV Disinfection and filters		□Y □N €	ØNA □	NE
3.	SECONDARY INSTRUMENTS (TOTALIZERS, RECORDERS, ETC.) PROPERLY OPERATED AND MAINTAINED:		□Y □N €	ØNA □	NE
4.	CALIBRATION FREQUENCY ADEQUATE: The turbines in the totalizers are replaced yearly		□Y □N 5		NE
5.	RECORDS MAINTAINED OF CALIBRATION PROCEDURES:		□Y □N €	ØNA □	NE
6.	CALIBRATION CHECKS DONE TO ASSURE CONTINUED COMPLIANCE:		□Y □N 5	ØNA □	NE
7.	FLOW ENTERING DEVICE WELL DISTRIBUTED ACROSS THE CHANNEL AND FREE OF TURBULENCE:		ØY □N □	□ AN	NE
8.	FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGE OF FLOW RATES:		Øy □n [□ AN	NE
9.	HEAD MEASURED AT PROPER LOCATION:		□Y □N €	ØNA □	NE
SI	ECTION F: LABORATORY				
PI	ERMITTEE LABORATORY PROCEDURES MEET PERMIT REQUIREMENTS	Øs □ı	M DU DN	NA 🗆	NE
_	ETAILS:				
1.	EPA APPROVED ANALYTICAL PROCEDURES USED (40 CFR 136.3 FOR LIQUIDS, 503.8(B) FOR SLUDGES) :		Øy □n [□ AN	NE
2.	IF ALTERNATIVE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED:		□Y □N €	ØNA □	NE
3.	SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT:		Øy □n □		NE
4.	QUALITY CONTROL PROCEDURES ADEQUATE:		Øy □n □		NE
5.	DUPLICATE SAMPLES ARE ANALYZED ≥10% OF THE TIME:		□Y □N €		
6.	SPIKED SAMPLES ARE ANALYZED ≥10% OF THE TIME:		□Y □N €		
7.	COMMERCIAL LABORATORY USED: Arkansas Testing		Øy □n □		
	a. LAB NAME: Arkansas Testing				
	D. LAB ADDRESS: Searcy, AR 72143				
	c. PARAMETERS PERFORMED: Biomonitoring				
8.	BIOMONITORING PROCEDURES ADEQUATE:		ØY □N □		NE
	a. PROPER ORGANISMS USED:				
	p. PROPER DILUTION SERIES FOLLOWED:				
	c. PROPER TEST METHODS AND DURATION:				

☑Y □N □NA □NE

d. RETESTS AND/OR TRE PERFORMED AS REQUIRED:

AΓ	DEQ Water NPDES I	nspection	AFIN: 12-00029		Permit #: AR00	22381	
			IG WATERS	OBSERVATION	ONS		
BASED ON	NVISUAL OBS	ERVATIONS (DNLY				IU □NA ☑NE
DETAILS:							
OUTFALL #:	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	FLOATING SOLIDS	COLOR	OTHER
002	None	None	None	Slight	None	Light Green	-
	H: SLUDGE						
SLUDGE D	DISPOSAL MEI	ETS PERMIT F	REQUIREMENT	ΓS		⊠s □m □	IU □NA □NE
DETAILS:_	City has permit	t to land apply					
SLUDGE M	ANAGEMENT ADEQU	ATE TO MAINTAIN EF	FLUENT QUALITY:				I □U □NA □NE
2. SLUDGE R	ECORDS MAINTAINE	D AS REQUIRED BY 4	0 CFR 503:			□s □w	I □U ☑NA □NE
3. FOR LAND	APPLIED SLUDGE, TY	YPE OF LAND APPLIE	D TO: (E.G., FOREST,	AGRICULTURAL, PUB	BLIC CONTACT SITE): A	gricultural	
			ON PROCEDU		T		
	RESULTS WITH	HIN PERMIT R	EQUIREMENT	S			IU ⊠NA □NE
DETAILS:							
	OBTAINED THIS INSPI					Ш	['] □N ☑NA □NE
		LCOMPOSITE: N	METHOD: FREQUE	NCY:		_	
	PRESERVED:						ON MA ONE
	PORTIONED SAMPLE						ON MA ONE
	BTAINED FROM FACII						ON MA ONE
	EPRESENTATIVE OF		E OF DISCHARGE:				ON MA ONE
	PLIT WITH PERMITTE						ON MA ONE
	CUSTODY PROCEDU						ON MA ONE
9. SAMPLES	COLLECTED IN ACCO	RDANCE WITH PERM	III:			Ш	' □N ØNA □NE
SECTION	I. CTODM	MATER ROLL	LITION DDE	/ENTION DI	A NI		
			LUTION PREVENT RE				LI MAIA MAIE
DETAILS:	ATER WAINAG	ENIENI NEEI	S PERIVITI RE	QUIREIVIENTS)		IU ⊠NA □NE
	PDATED AS NEEDED:	DATE OF LAST UP	PDATE:				' □n ☑na □ne
	NCLUDING ALL DISCH						ON MA ONE
	N PREVENTION TEAM		OL WATERS.				ON MA ONE
	N PREVENTION TEAM		١٠				ON MA ONE
	OTENTIAL POLLUTAN		··				ON MA ONE
	OTENTIAL FOLLOTAN		D I FAKS:				ON MA ONE
	STORM WATER DISCH						ON MA ONE
	RUCTURAL BMPS:	,OLO / IIIC AO II ION				+	ON MA ONE
	ON-STRUCTURAL BMF	 ⊃S·				+	ON MA ONE
J. LIGI OF NO	DIN OTROCTORAL BIVI	<u>. </u>				י בי	

□Y □N ☑NA □NE
□Y □N ☑NA □NE

10. BMPS PROPERLY OPERATED AND MAINTAINED:

11. INSPECTIONS CONDUCTED AS REQUIRED:

DMR Calculation Check

Reporting Period:	From	2013	9	1	To	2013	9	30
	•	Year	Month	Day		Year	Month	Day

Parameter Checked: pH

	Loading Mass		entration onthly
	Mo. Avg lbs/day	Min. S.U.	Max. S.U.
Reported Value:	N/A	7.00	7.07
Calculated Value:	<u>N/A</u>	7.00	7.07
Permit Value:	N/A	6	9

If calculated value does not equal reported value, explain:

DMR Calculation Check

Reporting Period:	From	2013	1	1	To	2013	1	31
		Year	Month	Day		Year	Month	Day

Parameter Checked: pH

	Loading Mass		entration onthly
	Mo. Avg lbs/day	Min. S.U.	Max. S.U.
Reported Value:	N/A	6.80	7.33
Calculated Value:	N/A	6.80	7.33
Permit Value:	N/A	6	9

If calculated value does not equal reported value, explain:

T 4º			Wate	r Division NPDES	Photographic Ev	idence Sheet		
Location:	He	ber Spr	ings Was	ewater Treatment I	Facility			
Photographe	r:	Sean S	aunders		Witness:	Heber Sprin	gs WWTP pe	ersonnel
Photo #	1	Of	1		Date:	3/11/2014	Time:	13:06
Description:			cility's se e or fenci	wage disposal pond ng.	that adjoins reside	ential/commerc	cial property.	Notice no



Figure 1. Google Earth image of sewage pond in Photo 1.

From: Nick Williams

To: Water-Inspection-Report

Subject: Inspection report- response letter

Date: Tuesday, April 22, 2014 3:45:30 PM

Attachments: Inspection report- Response letter.pdf

To whom it may concern,

I have attached the above letter in response to the inspection at the Heber Springs Wasterwater Treatment Facility. I am also sending a hard copy of the attached letter via certified mail.

Best regards,

Nick Williams



This email is free from viruses and malware because <u>avast! Antivirus</u> protection is active.

April 21, 2014

ADEQ Sean Saunders Water Division Inspection Branch 5301 Northshore Drive North Little Rock, AR

Re: Heber Springs Wastewater Treatment Facility

1101 West Front Street Heber Springs, AR 72543

Compliance Inspections (Cleburne Co)

AFIN: 12-00029 NPDES Permit No.: AR0022381 CEI

AR0022381 SSO AR0022381C

Dear Mr. Saunders,

We are writing in response to your inspection on March 11, 2014. In this inspection you cited a violation of **57.1.a of the 10 State Standards**. The specific item in question is the fencing and signage between the facility's sewage disposal pond and the property that adjoins it. In response to this citation we propose the following solution.

• HSWS will install fencing beside the buildings on the property so as to eliminate access from adjoining property.

Sincerely,

Clint W. Bell, P.E.

President/Civil Engineer CWB Engineers, Inc.

Enclosure

April 21, 2014

ADEQ Sean Saunders Water Division Inspection Branch 5301 Northshore Drive North Little Rock, AR

Re: Heber Springs Wastewater Treatment Facility

Compliance Inspections (Cleburne Co)

AFIN: 12-00029 NPDES Permit No.: AR0022381 CEI

AR0022381 SSO AR0022381C

Dear Mr. Saunders,

We are writing in response to your inspection on March 11, 2014. In this inspection you cited a violation of **57.1.a of the 10 State Standards**. The specific item in question is the fencing and signage between the facility's sewage disposal pond and the property that adjoins it. In response to this citation we propose the following solution.

• HSWS will install fencing beside the buildings on the property so as to eliminate access from adjoining property.

Sincerely,

Clint W. Bell, P.E.

President/Civil Engineer CWB Engineers, Inc.

Enclosure

CWB Engineers, Inc. 1903 Highway 25B Heber Springs, AR 72543

> BETURN RECEIPT REQUESTED



7013 2250 0002 2938 9146,







ADEQ Water Division Inspection Branch Attn: Sean Saunders

5301 Northshore Drive

North Little Rock, AR 72118



May 6, 2014

Kent Latch, Water and Sewer Manager Heber Springs Wastewater Treatment Facility 1101 West Front Street Heber Springs, AR 72543

RE: Response to Inspections (Cleburne Co)

AFIN: 12-00029 NPDES Permit No.: AR0022381

Dear Mr. Latch:

I have reviewed your response pertaining to my March 11, 2014 inspection of your wastewater treatment facility. However, the information provided does not sufficiently address the violation referenced in my inspection report.

Specifically, fencing between the buildings and connected to the buildings instead of between the buildings and the sludge pond along that side of the property is an acceptable solution provided that there is no access from the buildings or through gates in the fencing to the Heber Springs Wastewater Treatment Facility. However, there must be adequately-sized warning signage on the fencing to notify the public.

Please provide the ADEQ Water Division Inspection Branch with a timeline for the completion of the required work on the fencing and signage. This work should be complete as soon as possible. Please provide the timeline no later than **May 20, 2014**.

This response should be mailed to the address at the bottom of the page or e-mailed to Water-Inspection-report@adeq.state.ar.us.

Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (870) 424-3322 ext. 3 or you may e-mail me at saunders@adeq.state.ar.us.

Sincerely,

Sean Saunders
District 11 Field Inspector

Water Division



May 15, 2014

Sean Saunders
Water Division - ADEQ
5301 Northshore Drive
North Little Rock, Arkansas 72118-5317

Re: Heber Springs Wastewater Treatment Facility

Compliance Inspections (Cleburne Co.) NPDES Permit No. AR0022381 AFIN 12-00029

Dear Mr. Saunders,

I am writing on behalf of HSWS in response to the letter dated May 6, 2014, regarding the compliance inspections for the above-referenced facility. Heber Springs Water and Sewer is currently working to install permanent fencing and signage along the levy of the existing sludge disposal area. The fencing and signage should be in place by the end of the month. This should address all deficiencies noted in the above-referenced compliance inspection.

If you have any questions, you may contact me at email <u>cbell@cwbengineers.com</u> or phone (501) 362-3744.

Sincerely,

Clint W. Bell, P.E.

CWB Engineers, Inc.

Cc: Kent Latch – Heber Springs Water and Sewer

Files

Nick Williams – CWB Engineers, Inc.

CWB Engineers, Inc. 1903 Highway 25B Heber Springs, AR 72543

RN RECEIPT QUESTED





U.S. POSTAGE

ADEQ
Sean Saunders
Water Division Inspection Branch
5301 Northshore Drive
North Little Rock, AR 72/18



June 5, 2014

Kent Latch, Water and Sewer Manager Heber Springs Wastewater Treatment Facility 1101 West Front Street Heber Springs, AR 72543

RE: Response to Inspection (Cleburne Co)

AFIN: 12-00029 NPDES Permit No.: AR0022381

Dear Mr. Latch:

I have reviewed the response pertaining to my letter dated April 23, 2014. The information provided sufficiently addresses the violations referenced in my inspection report. At this time, the Department has no further comment concerning this particular inspection. Acceptance of this response by the Department does not preclude any future enforcement action deemed necessary at this site or any other site.

If we need further information concerning this matter, we will contact you. Thank you for your attention to this matter. Should you have any questions, feel free to contact me at (870) 424-3322 ext. 3 or you may e-mail me at saunders@adeq.state.ar.us.

Sincerely,

Sean Saunders

District 11 Field Inspector

Water Division