



April 25, 2018

The Honorable Woody Wheelless
Crittenden County Judge
100 Court Street
Marion, AR 72364

RE: Quarterly Inspection conducted on April 12, 2018
AFIN 18-00094
Permit Number 0245-S1-R1

Dear Mr. Wheelless:

The Arkansas Department of Environmental Quality – Office of Land Resources (ADEQ) conducted a routine inspection of your facility pursuant to the Arkansas Solid Waste Management Act (Arkansas Code, Annotated, § 8-6-201 *et seq.*), of 1971, as amended, the Arkansas Pollution Control & Ecology Commission Regulation 22 (Solid Waste Management), and the above-referenced permit. The inspection identified conditions at your facility which the ADEQ alleges constitute violations of APC&EC Regulation No. 22. A copy of the inspection report is attached.

Please refer to the attached inspection report to note the specific allegations. A written response for the noted allegations, describing the corrective action taken, or to be taken, must be submitted within thirty (30) calendar days from the date of this letter to the attention of Tobin Baker. Failure to submit the written response shall be construed as an admission of any allegations. Any items noted that are neglected or persistent may warrant formal enforcement action.

If I can be of any further assistance, please do not hesitate to contact me at (870) 935-7221 or bakert@adeq.state.ar.us.

Sincerely,

A handwritten signature in blue ink that reads "Tobin Baker".

Tobin Baker
Solid Waste Inspector
Office of Land Resources

Attachment

cc: Charles M. Johnson, Senior Manager, Regulated Waste Operations, Office of Land Resources



Arkansas Department of Environmental Quality

Office of Land Resources -Solid Waste Management

Class 1 Landfill Inspection



Site Name	Crittenden County Class 1 Landfill	County	Crittenden	AFIN	18-00094
Facility Address	1299 Khun Rd. West Memphis, AR 72301	Phone Number	LF: 870-732-4290 Off: 870-732-6580	Permit Number	0245-S1-R1
Permittee Address	Crittenden Co. Judge	E-Mail Address	arredllc@swb.net	PDS #	102502
Date	4/12/2018	Entry Time	1040	Exit Time	1340

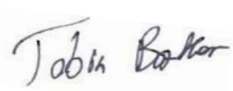
Regulation 22 – Operational Standards

Category 1

	Regulation	Item Description	Comments
	411(l)	Adequate employee facilities	
	421(a)(b)	Record keeping meets requirements specified by regulations	
	417	Access requirements	
	411(j)	Adequate provisions for backup equipment	
	421(d)	Waste receipt records, ticket system maintained	
	411(k)	Telephone system & written emergency response plan on site	
	423(b)	Annual compliance inspection by registered professional engineer	
	422	Facility implements operating plan and narrative	
	421(f)	Leachate disposal/recirculation records	
	421(g),701	Special waste disposal and procedures records	

Category 2

	Regulation	Item Description	Comments
	411(a)	Operations in accordance with permit documents	
	417(c)	Adequate all weather operational roads	
X	411(c)	Smallest practical area, unloading supervised, single working face	The active working face was 240' X 60' which was not confined to the smallest practical area. (Refer to Photos #5 & #6.)
	411(e)	Salvage operations meet approved conditions	
	411(f)(1)	Scavenging of waste prohibited	
	411(p)	Proper wet weather repairs	
	411(b)	Operations by licensed on-site personnel at all times	
	411(d)	Waste spread and compacted as unloaded	
	411(g)	Litter control provisions maintained	
	414(a)	Disease vectors controlled	

Category 2 (continued)													
Regulation	Item Description					Comments							
	427	Surface Water Controls											
X	411(h)(1)	Contouring prevents surface water flowing into or through waste					Surface water was observed standing on top of the landfill in Cell 3, which was not contoured to drain. (Refer to Photo #2.)						
	418(a)(b)	Run-on/off control system present and adequate											
	411(h)(2)	Surface water control prevents off-site sediment accumulation											
	411(i);427(f)	Adequate maintenance of intermediate/final cover vegetation											
	415	Gas monitoring program											
X	411(o)	Leachate leaks or evidence of leachate seepage					Leachate leaks were observed at the base of the east slope of Cell 1A. (Refer to Photo #1.)						
	426	Survey controls											
X	429	Leachate collection system					The leachate collection system in Cell 1A was not functioning at the time of this inspection. Chris Puckett stated that Able Electric was coming on Friday (4/13/2018) morning to repair the leachate collection system.						
	420	Liquid Restrictions											
Category 3													
Regulation	Item Description					Comments							
	412	Implementation of hazardous/unauthorized waste exclusion plan											
	413(a)(b)	Satisfactory daily/alternative cover											
	413(c)	Satisfactory intermediate cover											
	416(b),411(f)(4)	Open burning prohibited											
	419	Cause discharge/leachate discharge leaving landfill											
	411(f)(3),419(a)(4)	Depositing waste in standing water prohibited											
	411(o)	Erosion or other cover defects resulting in exposed refuse											
X	309(c)	Overfill/Off lined area					Grade stakes from a recent survey indicated overfill at the top of Cell 3. (Refer to Photos #3 & #4.)						
Regulation 22 - Records													
421(a)(8), 1203(k)	Date of last groundwater monitoring report			9/26/2017		Site Conditions		Dry					
423(b)	Date of last engineering report			3/5/ 2018		Weather Conditions		Sunny					
428	Liner construction in progress		Yes/No	No		Notice of liner construction		Yes/No	No		Third party CQA on-site during construction	Yes/No	No
412(a)	Date of last random inspection for unauthorized waste			4/12/2018		Total # for month		7					
415, 421(e)	Date of last quarterly methane monitoring			12/28/2017		Detection level		0	415(a)	Explosive gas records current?		Yes/No	Yes
421(g),412(a)(2),701	Date of last special waste received			4/12/2018		Disposal location		Cell 3					
421(d)	Previous quarter waste received			15,771.17		Tons		1 st Quarter 2018					
427(c)	Surface water DMR records current?			Yes/No	Yes								
Fayetteville Shale Related		Yes/No	No		Out of Compliance with Fayetteville Shale			Yes/No	No				
Operator Name & Number		Ed Jackson- 001217				Signature of Inspector							
Exit Interview Conducted with		Chris Puckett		Method	On-site		Date	4/12/2018		Time	1330		

Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location	Crittenden Co. Class 1 Landfill				Permit	0245-S1-R1	AFIN	18-00094
Photographer	Tobin Baker, ADEQ Solid Waste Inspector			<i>Tb</i>	Witness	N/A		
Photo #	1	Of	6		Date	4/12/2018	Time	1113
Description	View of leachate leaks at the base of the east slope of Cell 1A, looking north.							
								
Location	Crittenden Co. Class 1 Landfill				Permit	0245-S1-R1	AFIN	18-00094
Photographer	Tobin Baker, ADEQ Solid Waste Inspector			<i>Tb</i>	Witness	N/A		
Photo #	2	Of	6		Date	4/12/2018	Time	1131
Description	View of surface water observed standing on top of the landfill in Cell 3, looking east.							
								

Tobin Baker

Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet



Location	Crittenden Co. Class 1 Landfill	Permit	0245-S1-R1	AFIN	18-00094
Photographer	Tobin Baker, ADEQ Solid Waste Inspector	<i>TB</i>	Witness	N/A	
Photo #	3	Of	6	Date	4/12/2018
Description	View of grade stake, indicating overfill on the top of Cell 3, looking east.				



Location	Crittenden Co. Class 1 Landfill	Permit	0245-S1-R1	AFIN	18-00094
Photographer	Tobin Baker, ADEQ Solid Waste Inspector	<i>TB</i>	Witness	N/A	
Photo #	4	Of	6	Date	4/12/2018
Description	View of grade stake indicating overfill on the top of Cell 3, looking east.				



Arkansas Department of Environmental Quality (ADEQ)
Official Photograph Sheet

Location	Crittenden Co. Class 1 Landfill				Permit	0245-S1-R1		AFIN	18-00094		
Photographer	Tobin Baker, ADEQ Solid Waste Inspector				<i>Tb</i>	Witness	N/A				
Photo #	5	Of	6		Date	4/12/2018		Time	1155		
Description	View of the active working face, looking east. Active working face was not confined to the smallest practical area.										
											
Location	Crittenden Co. Class 1 Landfill				Permit	0245-S1-R1		AFIN	18-00094		
Photographer	Tobin Baker, ADEQ Solid Waste Inspector				<i>Tb</i>	Witness	N/A				
Photo #	6	Of	6		Date	4/12/2018		Time	1155		
Description	Another angle of the active working face. Active working face was not confined to the smallest practical area.										
											



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

Regulated Waste Operations Compliance Branch
OFFICE OF LAND RESOURCES
ROUTING SLIP

Date: 4/24/2018

Subj: Crittenden Co. Class 1 Landfill – 0245-S1-R1 Q2 2018 – Inspection Report

From: Tobin Baker, ADEQ Solid Waste Inspector

<u><i>Route in turn to:</i></u>	<u><i>Action Needed</i></u>	<u><i>Date Received</i></u>	<u><i>Date Reviewed</i></u>	<u><i>Initials</i></u>
Ryan Hayden	■Concurrence ■Review	<u>4/24/18</u>	<u>4/24/18</u>	<u>RH</u>
Chris Krou	■Concurrence ■Review	<u>4/24/18</u>	<u>4/24/18</u>	<u>gc</u>

****Note: Marking the Concurrence box indicates the individual agrees with the applicable text as it relates to their individual discipline and Work Section (e.g., Engineer; Risk Assessor; Geology; Compliance; Policy/Management), as applicable. Marking the Review box indicates the individual has read the document.***

COMMENTS:

Blue, Karen

To: Baker, Tobin
Subject: RE: ADEQ written response.docx 2.docx

From: John Preston [<mailto:jpreston@santekenviro.com>]
Sent: Tuesday, May 22, 2018 8:39 AM
To: Baker, Tobin
Subject: ADEQ written response.docx 2.docx

Rec'd Digitally	
AFIN: 18-00094	
PMT#: 0245-S1-R1	
<div>RECEIVED By bluek at 9:38 am, May 24, 2018</div>	
DOC ID#: 73857	
TO: RH>FILE <KMB	
S W M D	



May 18 2018

Tobin Baker

Solid Waste Inspector

Office of Land Resources

RE: Corrective Action Plan for Quarterly Inspection conducted on April 12 2018

Permit Number 0245-S1-R1

Dear Mr. Baker:

This letter is in Response to noted Allegation at The Crittenden County Class 1 Landfill, Located 1299 Khun Rd. West Memphis, AR 72301 Permit Number 0245-S1-R1.

As noted on your Routine Class 1 Landfill Inspection on 4/12/2018

1. Regulation 411 (h) (i) Contouring Prevents Surface Water Flowing Into or Through Waste was observed.
2. Regulation 411(o) Leachate leak or evidence of leachate seepage.
3. Regulation 429 Leachate collection system.
4. Regulation 309 (c) Overfill/Off lined area.

Corrective Action: Noted Allegations 411(h) (i) was corrected by fill and grading area, also by stopping heavy equipment from entering area.



Corrective Action: Regulation 411 (o) was corrected by digging out mattress and replacing void with cover.



Corrective Action : Noted Allegation 429, Pump had bad wire had Able Electric fix immediately .

Able Electric installed complete new wire.

Corrective Action : Noted Allegation 309 (c) was a misunderstanding with Sullivan Survey. See attachment email from Fields & Associates, on the confusion.

All noted Allegations has been corrected. If you have any further questions, please do not hesitate to contact me at (423)650-3095 or jpreston@santekenviro.com

Sincerely,

John Preston

Regional Manager



Blue, Karen

To: Baker, Tobin
Subject: RE: Alleged Overfill

From: John Preston [<mailto:jpreston@santekenviro.com>]
Sent: Tuesday, May 22, 2018 8:43 AM
To: Baker, Tobin
Subject: FW: Alleged Overfill

From: Phillip [<mailto:pfields@fieldsassociatesllc.com>]
Sent: Friday, May 04, 2018 2:47 PM
To: John Preston
Subject: Alleged Overfill

Afternoon John,

I completed a review of the points that were staked by Sullivan Survey on the Northeast top deck of the landfill. These points are from the design drawings for the proposed major permit modification. Fields & Associates, LLC resurveyed these points and compared them to the ADEQ permitted interim cover grades (Sheet 4A of 20). In the Table below is a summary of results of the survey and the estimated amount of fill remaining in this area.

Contour	Northing	Easting	Elevation	Permitted	Grade	Fill
262	297524.20	1833232.55	263.64	273.00		9.36
260	297527.34	1833282.03	262.61	273.00		10.39
258	297533.74	1833381.79	259.94	269.32		9.38
256	297539.74	1833481.50	257.85	264.33		6.47
254	297542.46	1833531.53	256.92	261.82		4.90
252	297546.70	1833581.06	255.77	260.17		4.40

Based on this information there is not an overfill conditions as identified at the landfill and alleged by the ADEQ and the grade stakes surveyed by Sullivan Surveying. Attached to this email is Sheet 4A of 20 with the points identified in the survey.

Please let me know if you have any questions or need any additional information

Thank you

Phillip Fields, P.E., P.G.
Fields & Associates, LLC
75 Norfork Drive
Maumelle, AR 72113
(501) 912-6381

