



April 25, 2013

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

RE: Quarterly Inspection; AFIN 18-00094; Permit Number 0245-S1-R1.

Dear Judge Holt:

On April 17, 2013, I conducted a routine inspection of your facility pursuant to the Arkansas Solid Waste Management Regulation 22, and the above-referenced permit. A copy of the inspection report is enclosed for your records.

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 to my attention at the address listed below within thirty (30) days from the date hereof. Failure to submit the written response shall be construed as an admission of any allegations. Any items noted that are neglected and/or persistent may warrant formal enforcement action.

If I can be of any further assistance, feel free to contact me at (870) 247-5155.

Sincerely,

Bobby Gentry, ADEQ Inspector
Solid Waste Management Division

CC: Scott McWilliams, Enforcement Coordinator, Solid Waste Management Division
Ali Dorobati, Engineer, Solid Waste Management Division



Arkansas Department of Environmental Quality

Solid Waste Management Division

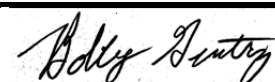
Class 1 Landfill Inspection



Site Name	Crittenden County Class I	County	Crittenden	AFIN	18-00094
Facility Address	South off Hwy 70	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 #	071257
Date	4-17-13	Entry Time	11:45 AM	Exit Time	1:30 PM

Regulation 22 – Operational Standards

X R	Depicts Violation Repeat Violation	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	
X R	Depicts Violation Repeat Violation	Category 2	
	Regulation	Item Description	Comments
	411(a)	Operations in accordance with permit documents	
	417(c)	Adequate all weather operational roads	
R	411(c)	Smallest practical area, unloading supervised, single working face	See category 2 comments page
	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												
R	427	Surface Water Controls	See category 2 comments page												
	411(h)(1)	Contouring prevents surface water flowing into or through waste													
	418(a)(b)	Run-on/off control system present and adequate													
X	411(h)(2)	Surface water control prevents off-site sediment accumulation	See category 2 comments page												
	411(i);427(f)	Adequate maintenance of intermediate/final cover vegetation													
	415	Gas monitoring program													
R	411(o)	Leachate leaks or evidence of leachate seepage	See category 2 comments page												
	426	Survey controls													
	429	Leachate collection system													
	420	Liquid Restrictions													
X	Depicts Violation	Category 3													
R	(Repeat Violation)														
	Regulation	Item Description	Comments												
	412	Implementation of hazardous/unauthorized waste exclusion plan													
R	413(a)(b)	Satisfactory daily/alternative cover	See category 3 comments page												
R	413(c)	Satisfactory intermediate cover	See category 3 comments page												
	416(b),411(f)(4)	Open burning prohibited													
X	419	Cause discharge/leachate discharge leaving landfill	See category 3 comments page												
	411(f)(3),419(a)(4)	Depositing waste in standing water prohibited													
R	411(o)	Erosion or other cover defects resulting in exposed refuse	See category 3 comments page												
X	309(c)	Overfill/Off lined area	See category 3 comments page												
Regulation 22 - Records															
421(a)(8), 1203(k)		Date of last groundwater monitoring report		1-2-13											
423(b)		Date of last engineering report		March 2013											
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		April		Total # for month		17							
415, 421(e)		Date of last quarterly methane monitoring		2-25-13		Detection level		0		415(a)		Explosive gas records current?		Yes/No	Yes
421(g),412(a)(2),701		Date of last special waste received		4-17-13		Disposal location		Cell 1, W34							
421(d)		Previous quarter waste received		17,829.37		Tons		1st QTR 2013							
427(c)		Surface water DMR records current?		Yes/No	Yes	Date of last leachate disposal – 3-15-13								Disposal Location: West Memphis Utility	
Fayetteville Shale Related		Yes/No	No	Fayetteville Shale Violation		Yes/No	No	Violation							
Operator Name & Number		Jeff Papasan				Signature of Inspector									
Exit Interview Conducted with		Jeff Papasan - 001217		Method	On-Site		Date	4-17-13		Time	1:00 PM				



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Category 2 Comments

Reg. 22.411 (c) Working Face Size - Unloading shall be supervised and dumping shall be confined to the smallest practical area. Multiple working faces will not be allowed unless specifically approved in the facility operating plan.

Comments: The active working face was not a practical working size. Measured 150 feet by 250 feet in size. Photos 1&2.

Reg. 22.427 (d) Erosion Control - The design shall also include berms, swales, benches, downchutes and other measures as appropriate on steep slopes to minimize erosion. In areas where flow quantity and velocity warrant, rip rap, gabions, revetments, or other protection shall be provided.


Comments: No surface water control system in place along north and west slopes of active portion of landfill to minimize erosion cuts. Photos 3&4.

Reg.22.411(h) (2) Install, construct, repair and maintain controls to prevent off-site sediment accumulation at all landfill, soil stockpile, and borrow site areas.

Comments: Noted off-site sediment accumulation a long north slopes of active portion flowing into nearby field. Photos 5to8.

Reg. 22.411 (o) Cover Maintenance - The owner or operator shall be responsible for maintaining the cover system integrity and shall promptly repair erosion, washout, tracking, or other defects that result in exposed refuse in either daily or intermediate cover, or exposure of the barrier system of the final cover. Areas of leachate seepage, or areas exhibiting evidence of leachate seepage such as staining and discoloration of the cover system shall also be promptly repaired.

Comments: Noted Leachate leaks a long west and north slopes of active portion of landfill. Furthermore, Some of the leachate leaks were observed flowing into storm water ditches. Photos 9to14.

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Category 3 Comments

Reg. 22.413 (a) Daily Cover- Except as provided in paragraph (d) of this section, the owners or operators of all Class 1 Landfills must cover disposed solid waste with six (6) inches of earthen material at the end of each operating day, or at more frequent intervals if necessary, to control disease vectors, fires, odors, blowing litter, and scavenging and to limit the generation of leachate

Comments: According to Jeff Papasan, the facility operator, do to weather conditions the active working face had not been completely covered with soil material in a week. Working face was noted too large in size. Photos 15&18.

Reg. 22.413(c) Intermediate cover: A compacted layer of cover soil of sufficient quantity to ensure there is no exposed waste, but not less than twelve (12) inches in total thickness including the six inches of daily cover (or an approved alternate material), shall be applied upon surfaces that will not receive an additional application of waste of final cover within 180 days.

Comments: Noted inadequate vegetative cover along the north, south and west slopes of active portion of landfill. Photos 19&20.

Reg.22. 419 (5) Allow the discharge of leachate from the landfill unit unless the discharge is permitted under the NPDES system.


Comment: Noted leachate flowing into storm water ditches which drain into storm water pond to be discharge off-site. Photos 22 to25.

Reg. 22.411 (o) Cover Maintenance - The owner or operator shall be responsible for maintaining the cover system integrity and shall promptly repair erosion, washout, tracking, or other defects that result in exposed refuse in either daily or intermediate cover, or exposure of the barrier system of the final cover.

Comments: Noted erosion cuts with exposed waste a long the north and west slopes of active portion of landfill. Cell 1(A). Photos 26&28.

Reg.22. 309 (c) Any landfill permittee who places or disposes waste above permitted elevations, or beyond the permitted landfill perimeter or in excess of the permitted capacity of the unit shall immediately cease fill operations in the area containing excess fill.

Comment: Noted waste placed off lined area a long west landfill perimeter road next to a field. Photos 29&30.

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Comments


Comments: 5-23-2012 Inspection: At the time of inspection, it was noted that the landfill has been in the process of correcting an overfill issue at the north slope of Cell 1B and 2B as well as Cell 1A. The waste has been being taken to the west slope of what is labeled on the Contour Map as Class 1 Active Unit. The west slope of the Class 1 Active Unit has been surveyed by Santek engineers and found to have unused airspace at the west slope. According to the engineer drawings, the Class 1 Active Unit is an unlined landfill cell. Santek has submitted a Corrective Action Plan and other correspondence to ADEQ (Database Documents 62898, 62909, 63143 and 63157) regarding overfill, however, the corrective plan does not specify where the waste will be placed nor was there any correspondence found where ADEQ had approved the Corrective Action Plan. In addition, at the time of inspection, incoming waste was also being placed on the unlined west slope of Class 1 Active Unit. Further Notes: Jeff Papasan, Santek Landfill Manager, and I spoke via telephone on September 27, 2012. Mr. Papasan confirmed to me that the area that the overfill waste was being placed did not have a liner. I have spoken with ADEQ's site engineer, Ali Dorobati via email as well as in person on September 26, 2012 regarding the landfills Corrective Action Plan. An August 2, 2012 email from Mr. Dorobati quotes Regulation 22.309 (c) concerning an overfill management plan. This can be found under the database number 62909.

At the time of this report, it has not been determined if placing waste on the unlined landfill cell is a permit compliance issue.

► **12-12-2013 Inspection:** At the time of inspection, there had been much progress removing the excess fill and the facility has been notifying ADEQ on their progress. The waste is still being placed in the same cell in which is unlined. This area is named Class 1 Active Unit. A letter from Ali Dorobati in which can be found in ADEQ's database under Entry # 63289, states that the facility is required to submit a final survey report to ADEQ for review and approval after the overfill issue is resolved.

Also noted: The grid markers have been placed but they are not adequate for a permanent display. The landfill operator at the time of inspection informed us that a proper display of grid markers would be placed. See photos 14&15.

- **1-16-2013 Inspection:** The facility is continuing placing Class 1 waste on the unlined area.
- **4-17-13 Inspection:** The facility is continuing placing Class 1 waste on the unlined area.

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