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

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EMAIL:

WATER DIVISION INSPECTION REPORT

AFIN: **63-00820** | PERMIT #: **ARR151435** | DATE: **4/6/2016**

COUNTY: **63 Saline** PDS #: **091340** MEDIA: **WN**

GPS LAT: 34.6081 LONG: -92.4358 LOCATION: General Area

FACILITY INFORMATION INSPECTION INFORMATION FACILITY TYPE INSPECTOR ID# Carrington Place/Emerald Mountain ****** 27312 S - State LOCATION FACILITY EVALUATION RATING: INSPECTION TYPE Pleasant Valley Drive off of Skyline Drive Construction Stormwater DATE(S): ENTRY TIME PERMIT EFFECTIVE DATE: **Shannon Hills** 4/6/2016 16:00 13:56 12/1/2008 RESPONSIBLE OFFICIAL PERMIT EXPIRATION DATE: NAME: / TITLE 10/31/2016 Gene Holman / FAYETTEVILLE SHALE RELATED: N COMPANY: **BOTO-AR Properties, LLC** FAYETTEVILLE SHALE VIOLATIONS: N MAILING ADDRESS **INSPECTION PARTICIPANTS** 17901 Chenal Parkway CITY, STATE, ZIP: Colby Ungerank, ADEQ Engineer Little Rock AR 72223 PHONE & EXT: / FAX:

C	DNTACTED DURING INSPECTION:	No							
	AREA EVALUATIONS (S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Applicable/Evaluated)								
S	PERMIT	N	FLOW MEASUREMENT	U	STORMWATER				
U	RECORDS/REPORTS	N	LABORATORY	U	FACILITY SITE REVIEW				
U	OPERATION & MAINTENANCE	כ	EFFLUENT/RECEIVING WATER	U	SELF-MONITORING PROGRAM				
Ν	SAMPLING	Z	SLUDGE HANDLING/DISPOSAL	N	PRETREATMENT				
**	OTHER:			<u> </u>					

SUMMARY OF FINDINGS

Silt/sediment was observed in unnamed tributaries to Otter Creek in the Carrington Place/Emerald Mountain, however it is indicated by signage as the Valley Ridge Subdivision (Photo 1). This is in violation of the Arkansas Water and Air Pollution Control Act [A.C.A. § 8-4-217(a)(2)] which states "It shall be unlawful for any person to place or cause to be placed any sewage, industrial waste, or other wastes in a location where it is likely to cause pollution of any waters of the state." (see photos 2-9). This is a repeat violation.

The operator is ultimately responsible for the runoff from the perimeter of the entire development. Regardless for the reason of the runoff, the operator is responsible for ensuring sufficient sediment controls of the development. At the time of inspection, there was evidence that sediment had left lots and entered "Waters of the State" either directly or via storm drains. This is a violation of Part I, Section B.12.E; Part I, Section B.16.A (see photos 2-9). This is a repeat violation.

The stormwater pollution prevention plan (SWPPP) is not being maintained onsite from 8:00 am to 5:00 pm. The SWPPP was located within Phase 1 of the project and was not updated to include information pertaining to Phase 2. The SWPPP and inspection reports shall be signed by the operator in accordance with Part II, Section B.9 and be retained at the construction site during normal business hours. This is a violation of Part II, Section A.2.A (see photo 10). This is a Repeat Violation.

The site entrance was not posted with a visible Notice of Coverage (NOC). The NOC was located outside of the current project and in an obscured area. This is a violation of Part II, Section A.2.D of the permit (see photo 10).

The sediment that has gotten off-site has not been sufficiently removed as required by Part II, Section A.4.G.1.d of the permit (see photos 2-9). This is a Repeat Violation.

The construction site entrance is not sufficiently stabilized to prevent offsite tracking. This is a violation of Part II, A.4.H.2 of the permit (see photos 11-12). This is a Repeat Violation.

At the time of this inspection, there were no current inspection reports at the construction site. This is a violation of Part II, Section A.4.L.3. This is a Repeat Violation.

Erosion control measures are not being properly installed, operated and/or maintained as required by Part II, Section B.17.A of the permit. Specifically, evidence of failure to control erosion on site, inappropriately installed or neglected erosion control structures, sediment traps passed capacity, failure to remove sediment that has left the site (see photos 13-19). This is a Repeat Violation.

	GENERAL COMMENTS						
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		DATE: 0/0/0040					
INSPECTOR'S SIGNATURE:	Erica McAdoo	DATE: 6/6/2016					
\tag{\circ}0	LDL						
	ank Baker						
SUPERVISOR'S SIGNATURE:	Clark Baker	DATE: 6/16/2016					

SECTION I: SITE POSTING AND SITE INFORMATION	
1. Is site posted with Notice of Coverage (NOC)? (Part II, A.2.D) Not in the appropriate location	"Y 🗹N "NA "NE
2. Is posting at construction entrance and visible to the public? (Part II, A.2.D)	"Y ☑N "NA "NE
3. If project is linear, is posting at area actively under construction? (Part I, B.8.C)	"Y "N ☑NA "NE
 If project is part of larger common plan of development, what is development name and permit numb Development Permit No: 	oer?
SECTION II: STORMWATER POLLUTION PREVENTION PLAN EVALUATION AND IMPLE	MENTATION
A. Is the SWPPP being maintained onsite from 08:00 am to 5:00 pm? (Part II, A.2.A)	" Y 🗹 N " NA " NE
B. Is the SWPPP properly signed as required by Part II, A.2.A of the permit?	☑Y "N "NA "NE
C. Is the SWPPP being updated as required by Part II, A.3 of the permit?	" Y ☑N " NA " NE
D. Site Map in SWPPP (Part II, A.4.F)	"Y "N "NA ☑NE
1) Pre-construction topographic view (Part II, A.4.F.1);	"Y "N "NA ☑NE
2) Direction of stormwater flow (i.e., use arrows to show which direction stormwater will flow) and approximate slopes anticipated after major grading activities (Part II, A.4.F.2);	"Y "N "NA ØNE
3) Delineate on the site map areas of soil disturbance and areas that will not be disturbed under the coverage of this permit (Part II, A.4.F.3)	"Y "N "NA ☑NE
4) Location of major structural and nonstructural controls identified in the plan (Part II, A.4.F.4)	"Y "N "NA ØNE
5) Location of main construction entrance and exit (Part II, A.4.F.5)	"Y "N "NA ⊠NE
6) Location where stabilization practices are expected to occur (Part II, A.4.F.6)	"Y "N "NA ⊠NE
7) Locations of off-site materials, waste, borrow area, or equipment storage area (Part II, A.4.F.7)	"Y "N "NA ☑NE
8) Location of areas used for concrete washout (Part II, A.4.F.8)	"Y "N "NA ☑NE
9) Location of all surface waterbodies (including wetlands) (Part II, A.4.F.9)	"Y "N "NA ☑NE
10) Locations where stormwater is discharged to a surface water and/or municipal separate storm sewer system if applicable (Part II, A.4.F.10)	"Y "N "NA ☑NE
11) Locations where stormwater is discharged offsite (should be continuously updated) (Part II, A.4.F.11)	"Y "N "NA ☑NE
12) Areas where final stabilization has been accomplished and no further construction phase permit requirements apply (Part II, A.4.F.12)	"Y "N "NA ☑NE
E. Stormwater Controls	
1) Are all controls installed as described in the SWPPP? (Part II, A.4.G)	"Y ☑N "NA "NE
2) Silt fences properly installed and maintained? (Part II, B.17.A)	" Y ☑N " NA " NE
3) Check dams and velocity dissipation devices properly installed and maintained? (Part II, B.17.A)	" Y ☑N " NA " NE
4) Sedimentation basins and sediment traps properly installed and maintained (sediment removed when 50% capacity)? (Part II, B.17.A) and (Part II, A.4.G.1.e)	" Y ☑N " NA " NE
5) Has sediment that has gotten offsite been removed? (Part II, A.4.G.1.d)	"Y ☑N "NA "NE
6) Is construction site entrance sufficiently stabilized to prevent offsite tracking? (Part II, A.4.H.2)	"Y ⊠N "NA "NE
7) Are stabilization methods described in SWPPP being implemented in a timely manner? (Part II, A.4.G.2)	" Y ☑N " NA " NE

F. Inspections	
1) Inspection Frequency in SWPPP – " Once every 7 days " 14 days and after ½ inch rain	n event
1a) If inspection frequency is every 14 days, do they have a rain gauge onsite? (Part II, A.4.L.1.b)	"Y 🗹N "NA "NE
1b) Is rain gauge properly installed? (nothing obstructing rain gauge) (Part II, B.17.A)	" Y " N " NA " NE
2) Are inspection records being maintained onsite? (Part II, A.4.L.3)	"Y ⊠N "NA "NE
3) Are ADEQ inspection forms being used or do the forms contain the elements required by the permit? (Part II, A.4.L.2)	"Y "N "NA ⊠NE
3a) Inspector Name and Title (Part II, A.4.L.2.a)	"Y "N "NA ⊠NE
3b) Date of Inspection (Part II, A.4.L.2.b)	"Y "N "NA ØNE
3c) Amount of Rainfall and Days Since Last Rain Event (only if inspection frequency is 14 days) (Part II, A.4.L.2.c)	"Y "N "NA 🗹 NE
3d) Approximate beginning and duration of the storm event (Part II, A.4.L.2.d)	"Y "N "NA ⊠NE
3e) Description of any discharges during inspection (Part II, A.4.L.2.e)	"Y "N "NA ØNE
3f) Locations of discharges of sediment/other pollutants (Part II, A.4.L.2.f)	"Y "N "NA ☑NE
3g) Locations of BMPs in need of maintenance or where maintenance was performed (Part II, A.4.L.2.g)	"Y "N "NA ☑NE
3h) If the BMPs are in working order and if maintenance is required (when scheduled and completed) (Part II, A.4.L.2.h)	"Y "N "NA ⊠NE
3i) Locations that are in need of additional controls (Part II, A.4.L.2.i)	"Y "N "NA ☑NE
3j) Location and Dates When Major Construction Activities Begin, Occur, or Cease (Part II, A.4.L.2.j)	"Y "N "NA ⊠NE
3k) Report Signature of Inspector (Part II, A.4.L.2.k)	"Y "N "NA ☑NE
4) Are inspections conducted in accordance with the requirements of the SWPPP? (Part II, A.4.L)	"Y "N "NA ⊠NE
5) Are corrective actions being implemented within 3 business days? (Part II, A.4.M)	"Y "N "NA ☑NE
G. Stormwater management	
1) Is solid waste being controlled as described in SWPPP? (Part II, A.4.H.1)	☑Y "N "NA "NE
2) Are stabilized buffer zones being maintained? (25 feet from stream, 50 feet if 303 d, TMDL, ERW, ESW, or NSW) (Part II, A.4.G.2.b)	" Y ☑N " NA " NE
3) Have velocity dissipation devices been installed at discharge points, within concentrated flow areas serving two or more acres, and along drainage courses where required to prevent erosive flows? (<i>Part II, A.4.G.3.b</i>)	"Y "N "NA ⊠NE
4) Has silt or sediment gotten off the construction site? A.C.A.§ 8-4-217(a)(2)	☑Y "N "NA "NE
5) Has silt and sediment been discharged to the waters of the State? A.C.A.§ 8-4-217(a)(2)	☑Y "N "NA "NE
If yes, give the name of the stream or waterbody: unnamed tributary to Otter Creek	-
6) Is the washout of concrete being done at the designated location? (Part II, A.4.F.8)	"Y "N ☑NA "NE
7) Does the liquid waste from concrete washout reach the waters of the State? (Part II, A.4.H.5)	"Y "N ☑NA "NE
8) Are fuel storage areas protected as described by SWPPP? (Part II, A.4.H.6)	"Y "N ☑NA "NE
9) Have temporary erosion controls been removed from areas finally stabilized? (Part II, A.4.G)	"Y "N ☑NA "NE
10) Are there any allowable non-stormwater discharges that have not been addressed in the SWPPP? (Part II, A.4.I)	" Y ☑N " NA " NE
11) Are there any process waters or non-stormwater discharges that are not allowed under the permit being discharged? A.C.A.§ 8-4-217(b)(1)(E)	" Y 🗹 N " NA " NE
12) Does the SWPPP include the required information about employee training (dates of training, records of training, etc.)? (Part II, A.4.N)	"Y "N "NA ☑NE

Water Division Photographic Evidence Sheet								
Location: Carrington Place/Emerald Mountain								
Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time:				13:50				
Witness:				Photo #	: 1			
	Entrance to this Phase is confusing. Entrance signage indicates this is Valley							

Ridge Subdivision, however the permit is for Carrington Place/Emerald Mountain



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50 Witness: Photo #:

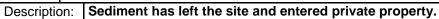
Sediment has left the site and entered private property. Description:



Water Division Photographic Evidence Sheet								
Location: C	Location: Carrington Place/Emerald Mountain							
Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50								
Witness:	Witness: Photo #: 3							
Description:	Description: Sediment has left the site and entered private property.							



Photographer:Erica McAdoo, ADEQ InspectorDate:4/6/2016Time:13:50Witness:Photo #:4





Water Division Photographic Evidence Sheet									
Location:	Location: Carrington Place/Emerald Mountain								
Photograph	ner:	Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50			
Witness:	•				Photo #:	5			

Description: Sediment has left the site and entered private property.



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50
Witness: Photo #: 6





Water Division Photographic Evidence Sheet									
Location:	Location: Carrington Place/Emerald Mountain								
Photograph	ner:	Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50			
Witness:	•				Photo #:	7			

Description: Sediment has left the site and entered private property.



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50
Witness: Photo #: 8

Description: Sediment has left the site and entered private property and into "waters of the state"



Water Division Photographic Evidence Sheet								
Location:	Car	rington Place/Emerald Mountain						
Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13					13:50			
Witness:					Photo #:	9		
Description	Description: Sediment has left the site and entered private property and into "waters of the state"							



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50
Witness: Photo #: 10

Description: Empty SWPPP box in Phase 1, which was located in an obscured area and not visible to the public.



Water Division Photographic Evidence Sheet								
Location: Carrington Place/Emerald Mountain								
Photographer: Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50				
Witness:			Photo #:	11				

Description: Construction site has not been stabilized to prevent off site tracking



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50
Witness: Photo #: 12

Description: Construction site has not been stabilized to prevent off site tracking



Water Division Photographic Evidence Sheet								
Location: Carrington Place/Emerald Mountain								
Photographer: Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50				
Witness:			Photo #:	13				

Description: Check dam requires maintenance; allowing sediment to enter storm drain



Photographer: Erica McAdoo, ADEQ Inspector Date: 4/6/2016 Time: 13:50
Witness: Photo #: 14

Description: Silt fence requires maintenance; sediment needs to be removed



Water Division Photographic Evidence Sheet								
Location: Ca	rington Place/Emerald Mountain							
Photographer:	Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50			
Witness:				Photo #:	15			

Description: Silt fence requires maintenance



Photographer:Erica McAdoo, ADEQ InspectorDate:4/6/2016Time:13:50Witness:Photo #:16

Description: Silt fence requires maintenance



Water Division Photographic Evidence Sheet											
Location: Carrington Place/Emerald Mountain											
Photographer:		Erica McAdoo, ADEQ Inspector	Date:	4/6/2016	Time:	13:50					
Witness:					Photo #	: 17					
D. T. C.											

Description: Silt fence requires maintenance



Photographer:Erica McAdoo, ADEQ InspectorDate:4/6/2016Time:13:50Witness:Photo #:18

Description: Silt fence requires maintenance. Lack of maintenance has allowed sediment to leave the site and enter private property and "waters of the state".



Water Division Photographic Evidence Sheet											
Location: Carrington Place/Emerald Mountain											
Photographer: Erica McAdoo, ADEQ Inspector			Date:	4/6/2016	Time:	13:50					
Witness:						19					
D											





Figure 1: Google Earth Image of Area

