

Allison, Rick

From: Jenni Sudduth [jenni.sudduth@chk.com]
Sent: Thursday, May 19, 2011 1:41 PM
To: Allison, Rick
Subject: RE: VARRA 12-9-66 1H - COGCC Form 2A (Doc 400154805) - Chesapeake Operating I...

Good Afternoon Rick,

I am so sorry that I am so delayed in getting this response back to you. I had the Contractor that we use for our Storm Water Management Plans give me what BMPs we are using for this location and it took them a little while to respond with their answer as the Plans was not complete.

This is what they sent me in response to your inquiry:

The State Permit identifies a number of potential pollutant sources. Below are the pollutants we considered site specific and the BMPs anticipated to address them.

1. Disturbed and Stored Soils – It is anticipated that sediment will be collected using silt fence on the downstream perimeter of the pad and/or soil stockpiles. It will be recommended that seeding or tackifier will be used for disturbed areas that remain inactive.
2. Vehicle Tracking and Sediment – A stabilizing granular material is anticipated for the access road and pad which will prevent sediment transfer.
3. Significant Dust or Particulate Generating Processes – It is anticipated that temporary stabilization through seeding or tackifier will be used to contain dust or particulate.
4. Onsite Waste Management – It is anticipated that basic good housekeeping practices will be followed onsite to contain waste.

These are the anticipated minimal requirements. Additional practices based upon final completion of the plans or varying site conditions may also be recommended.

Will this work for what you were needing? We may have more specific information as our SWMP is finalized.

Thanks Rick and I apologize again for the delay.

Let me know if you need more form us.

Thank you,

Jenni Sudduth
Field & Permitting Analyst
Chesapeake Energy Corporation
Office: (405) 935-2165
Mobile: (405) 834-7346
Fax: (405) 849-2165
E-mail: Jenni.Sudduth@chk.com



From: Allison, Rick [mailto:Rick.Allison@state.co.us]
Sent: Monday, May 16, 2011 9:58 AM
To: Jenni Sudduth
Subject: RE: VARRA 12-9-66 1H - COGCC Form 2A (Doc 400154805) - Chesapeake Operating I...

Hi Jenni,

I need a response from Chesapeake regarding items 2 and 4 below. I don't need anything elaborate for the BMPs – just a brief description or statement regarding how runoff or spills from the pad will be prevented from entering Little Owl Creek.

Please contact me if you have any questions.

Thank you,
Rick

From: VLLPermitco@aol.com [mailto:VLLPermitco@aol.com]
Sent: Thursday, May 05, 2011 9:01 PM
To: Allison, Rick
Cc: lindsey.melott@chk.com; lspermitco@aol.com
Subject: Re: VARRA 12-9-66 1H - COGCC Form 2A (Doc 400154805) - Chesapeake Operating I...

Hi Rick - This is Lisa Smith responding. See my notes in Red below.

Hi Lindsey - Can you check with your Ops people on this and get back to me? Thanks.

Lisa Smith

In a message dated 5/2/2011 11:17:45 A.M. Mountain Daylight Time, Rick.Allison@state.co.us writes:

Hi Venessa,

The COGCC is reviewing the Form 2A oil and gas location assessment for the VARRA 12-9-66 1H well location in the SESW Sec12 T9N R66W, Weld County, and requests the following changes to the Form 2A:

- 1) Water Resources:** The location is in a sensitive area for the following reasons: 1) the proximity of the location to Little Owl Creek, 2) the likelihood that shallow ground water is present, coupled with potentially permeable subsurface material. Therefore, please approve me changing the sensitive area designation from No to Yes. **Yes - Thanks.**

- 2) **Best Management Practices:** What site-specific BMPs has Chesapeake developed to prevent a release of drilling, completion or produced fluids or chemical products from impacting Little Owl Creek? **I will get with Chesapeake on this**
- 3) **Conditions of Approval:** Since Chesapeake is drilling with a closed loop system, no COAs will be applied regarding pits. However, COGCC would appreciate Chesapeake's concurrence with the following:
 - a. **COA 1:** "Notify COGCC OGLA Specialist for Northeast Colorado, Rick Allison (rick.allison@state.co.us), 48 hours prior to construction of the location."
- 4) **Location Drawing:** The Location Drawing should include the horizontal distance and bearing to all improvements within 400 feet including natural channels. Revision of the Location Drawing for this Form 2A is not necessary. However, please be sure future submittals include this information.

Please contact me with any questions regarding this Form 2A.

Best Regards,

Rick Allison, P.G.

Oil and Gas Location Assessment Specialist

Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801

Denver, CO 80203

303-894-2100 ext 5102

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