

## Allison, Rick

---

**From:** clay.doke@gmail.com on behalf of Clayton Doke [cdoke@petersonenergy.com]  
**Sent:** Wednesday, February 22, 2012 1:25 PM  
**To:** Allison, Rick  
**Subject:** Re: SWD CF FACILITY Form 2A 400242784 - High Sierra Water Services LLC  
**Attachments:** 20120209102953103.pdf

Good Afternoon Rick,

1.) Size of Disturbed Area During Construction: 4.5 acres

Size of Disturbed area after interim reclamation: 2.75 acres

2) Please see the attached.

3) We consent to said condition of approval concerning drill cuttings.

4) we consent to said condition of approval concerning sensitive area and closed loop/lined pits.

Thanks and if you need anything else, don't hesitate to let me know.

Clay

---

Clayton Doke  
Petroleum Engineer  
**Peterson Energy Management, Inc.**  
2154 W. Eisenhower Blvd.  
Loveland CO 80537  
P: 970-669-7411  
F: 970-669-4077  
C: 720-560-2700  
[www.petersonenergy.com](http://www.petersonenergy.com)

On Thu, Feb 9, 2012 at 11:26 AM, Allison, Rick <[Rick.Allison@state.co.us](mailto:Rick.Allison@state.co.us)> wrote:

Clay

I am reviewing the subject Form 2A location assessment, and need the following revisions to the Form 2A:

**1. Size of Disturbed Area:** Please provide an estimate for the size of location that includes the existing facilities (it looks to be 5+ acres). Provide numbers for both during construction and after interim reclamation.

**2. Surface Use Agreement:** As discussed, please email a redacted SUA and I will replace the SUA attached to the Form 2A.

**3. Waste Management:** Will drill cuttings be removed from the pit and land applied offsite along with the bentonitic drilling mud? If so, a Waste Management Plan specific to the application of drill cuttings needs to be submitted to COGCC on a Form 4 Sundry Notice. COGCC Rule 907.d.(3) does not allow the application of cuttings, but this practice has been accommodated by requesting approval on the Form 4 Sundry Notice. The Form 2A can still be approved with the following condition of approval:

“If drill cuttings will be land applied, then a Waste Management Plan meeting the general requirements of Rule 907.a. must be submitted for the land application of drill cuttings. Submit the Waste Management Plan on a Form 4 Sundry Notice via email to [ogccenvirosundry@state.co.us](mailto:ogccenvirosundry@state.co.us) prior to drilling.”

**4. Sensitive Area Condition of Approval:** Since the location is in a sensitive area due to shallow ground water, please indicate High Sierra’s agreement with the following COA:

“Location is in a sensitive area because of shallow groundwater; therefore, either a lined drilling pit or closed loop system is required.”

Please contact me with any questions.

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](tel:303-894-2100) ext 5102