

STATE OF  
COLORADO

Young - DNR, Rob &lt;rob.young@state.co.us&gt;

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## 2015 skim pit closure projects

9 messages

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**Dave Peterson** <davep@flatironenergy.com>  
To: Rob Young - DNR <rob.young@state.co.us>

Thu, Apr 23, 2015 at 3:38 PM

Robert,

Diamond has four tank batteries in southern Washington County at which we are planning on closing skim pits this summer. We have previously submitted Form 27s for each of these facilities and have installed above ground skim tanks so the earthen skim pits are no longer in use. We covered all of these pits with plastic to keep them from accumulating water from rain and snow over the winter.

We are going to start on our Loudder site [COGCC #: 05-121-05161 00] and our plan is to haul 100% of any soil that exceeds the Table 910 maximum allowable TPH to a licensed disposal facility.

The purpose of this email is to keep you updated and to find out if you want Diamond to submit anything in addition to the previously submitted Form 27s.

Thanks.

Dave Peterson

Diamond Operating, Inc.

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**Young - DNR, Rob** <rob.young@state.co.us>

Thu, Apr 23, 2015 at 4:12 PM

To: Dave Peterson <davep@flatironenergy.com>, OGCC EnviroScan - DNR <dnr\_ogcc.enviroscan@state.co.us>

Dave,

Thank you for the update.

I don't need anything prior to the onset of work other than a notice of when you plan to begin the work. I may stop by the locations to get familiar with the layout and observe the excavations.

After the impacted soils have been removed, I would like you to email me a report (reference Remediation #8700). The report should include:

- A summary of the excavation activities;
- A location drawing showing the initial and final outline of the skim pits and subsequent excavation dimensions, soil sample locations and depths;
- A summary table comparing Table 910-1 allowable concentrations to the soil sample analytical results;
- Photographs of the excavation showing the final excavation sidewalls and base soil sample locations;
- Soil disposal manifests

We should probably have a phone conversation about soil sampling and analysis.

Let me know if you have any questions, thanks,

Rob

Cc: Rem #8700 - correspondence

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Robert J. Young  
Environmental Protection Specialist



**COLORADO**  
Oil & Gas Conservation  
Commission  
Department of Natural Resources

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**EnviroScan - DNR, OGCC** <dnr\_ogcc.enviroscan@state.co.us>  
To: "Young - DNR, Rob" <rob.young@state.co.us>

Thu, Apr 23, 2015 at 4:50 PM

E-mail has been uploaded.

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**Dave Peterson** <davep@flatironenergy.com>  
To: "Young - DNR, Rob" <rob.young@state.co.us>

Sat, Apr 25, 2015 at 1:58 PM

Robert – I will give you a call this coming week to discuss. Dave

**From:** Young - DNR, Rob [mailto:rob.young@state.co.us]  
**Sent:** Thursday, April 23, 2015 4:12 PM  
**To:** Dave Peterson; OGCC EnviroScan - DNR  
**Subject:** Re: 2015 skim pit closure projects

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**Dave Peterson** <davep@flatironenergy.com>  
To: "Young - DNR, Rob" <rob.young@state.co.us>

Sun, May 3, 2015 at 10:39 AM

Robert – After reviewing all that there is to do related to the Loudder skim pit reclamation, I decided I needed to retain some professional guidance. I am going to get a group called Tasman Geosciences involved to help me out and make sure this task gets done right. I will be in touch. Thanks for your help. Dave Peterson

**From:** Young - DNR, Rob [mailto:rob.young@state.co.us]  
**Sent:** Thursday, April 23, 2015 4:12 PM  
**To:** Dave Peterson; OGCC EnviroScan - DNR  
**Subject:** Re: 2015 skim pit closure projects

Dave,

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**Young - DNR, Rob** <rob.young@state.co.us>  
To: Dave Peterson <davep@flatironenergy.com>

Mon, Jul 13, 2015 at 3:55 PM

Dave,

Can you please give me an update on the status of the skim pit remediations?

Thank you,

Rob

Robert J. Young  
Environmental Protection Specialist



**COLORADO**  
Oil & Gas Conservation  
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**Dave Peterson** <davep@flatironenergy.com>  
To: "Young - DNR, Rob" <rob.young@state.co.us>

Tue, Jul 14, 2015 at 5:33 PM

Robert,

We are currently working on the closure of the skim pits at the Loudder facility. We got a late start due to the incessant rain in E. Colorado. It is the most extensive of the four sites we have yet to complete.

We have dug multiple test pits and collected soil samples under the supervision of a representative from Tasman Geosciences. He has conducted onsite tests to get a handle on TPH levels. They should finish up this work tomorrow and we will then wait for lab results.

We are currently hauling to a disposal facility the very worst of the soil taken from the surface layer of the skim pits. We should have all this soil off location this week.

After we receive the soil sample test results and have a good idea of the dimensions of the clean-up work that is needed, we intend to use onsite chemical remediation to clean up the soil. The service will be provided by Talon LPE.

If this process proves to be successful, we plan on starting work on our remaining facilities in southern Washington County and, weather permitting, should have them all cleaned up by late summer or early fall.

I am really excited to give this chemical remediation process a try. Do you have any experience with or knowledge of Talon LPE's process? What are your thoughts when it comes to clean up soil containing TPH primarily in the diesel range?

Thanks.

Dave Peterson

**From:** Young - DNR, Rob [mailto:rob.young@state.co.us]  
**Sent:** Monday, July 13, 2015 3:55 PM  
**To:** Dave Peterson

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**Young - DNR, Rob** <rob.young@state.co.us>  
To: Dave Peterson <davep@flatironenergy.com>

Thu, Jul 16, 2015 at 8:31 AM

Dave,

I am not familiar with Talon LPE. I am not sure what your question is regarding TPH. I appreciate the update and it sounds like you have a workable process in place. I am looking forward to seeing the chemical treatment process results.

Thanks,

Rob

Robert J. Young  
Environmental Protection Specialist

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**Dave Peterson** <davep@flatironenergy.com>  
To: "Young - DNR, Rob" <rob.young@state.co.us>

Thu, Jul 16, 2015 at 11:04 AM

Robert,

Here is a link to a video that shows Talon's soil shredding and chemical treatment equipment. I am very excited to see how it works.

<https://www.youtube.com/watch?v=fbR4gxM9a5o>

My biggest fear with regard to all this remediation work is that an old dump truck hauling slightly oil-stained soil across the plains of E. Colorado slams into a school bus or the car carrying a vacationing family. That would be a tragedy that should have never happened. I want to be able to clean up all this material and keep it onsite.

I will keep you posted on our progress.

Thanks.

Dave P.

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**From:** Young - DNR, Rob [mailto:rob.young@state.co.us]  
**Sent:** Thursday, July 16, 2015 8:31 AM

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