

STATE OF
COLORADO

Document 2526781

Lujan - DNR, Carlos <carlos.lujan@state.co.us>

Re: Wilson Creek-NE Terraced Area-Initial Soil/Hand Auger Investigation

1 message

Lujan - DNR, Carlos <carlos.lujan@state.co.us>

Thu, Aug 18, 2016 at 3:42 PM

To: "Marcelo Barberis (bmal@chevron.com)" <bmal@chevron.com>

Cc: "Maher, Seth" <Seth.Maher@stantec.com>, "Beall, Christopher" <Christopher.Beall@stantec.com>, "Spencer - DNR, Stan" <stan.spencer@state.co.us>, "Paz, Humberto A (HPAZ@chevron.com)" <HPAZ@chevron.com>

Marcelo,

RE: Wilson Creek Terraces, REM #9622, Location ID #443091

Thanks for notifying the COGCC prior to starting the July 2016 Site Investigation. Stan Spencer from the COGCC Rifle office was present during drilling and sampling operations.

I wish I had had the opportunity to be present during the excavation, cleanup, confirmation sampling and back filling operations that took place in early August. I apparently missed the notification.

Stantec offered to submit a "very basic Letter Report" at the end of August (see email below). Thanks. I look forward to read the report. I also appreciate that the report will be short. Please include in the report the results of the confirmation sampling from the bottom and walls of the excavated pits and information regarding the material that was excavated (was it sent to an authorized landfill or stored onsite for land farming / onsite treatment? Volume?).

COGCC appreciates Chevron's interest in remediating the Terrace area. Please call/email anytime if you have questions or comments.

Thanks,
Carlos

REM #9622 COAs (3/31/2016):

- Conditionally approved, however, additional information or activities may be required during the course of remediation.
- COGCC approval is contingent on Operator providing notice to Environmental staff Carlos Lujan (carlos.lujan@state.co.us) or 970-625-2497, X7 a minimum of 72 hrs prior to conducting field operations.
- Soil samples shall be collected through the materials of the pit and from native material beneath the bottom of the pit to adequately characterize whether an impact has occurred. Samples shall be analyzed for total petroleum hydrocarbons (TPH) C6-12, C6-C10, C12-C28, C28-C-35, and C32-C36; benzene, toluene, xylenes, ethylbenzene, EC, SAR, arsenic, and pH.
- It is stated in the scope of work that on-site treatment for TPH and Arsenic may be performed. Provide the proposed treatment remedy.
- Amendments that may result in solidification of materials and leaving solidified material on-site will not be allowed.
- Project updates shall be provided to the COGC via eForm 27 (if available) or eForm 4 if the eForm 27 is not available, on a monthly basis, following approval of this Form 27.
- Reclamation shall be in accordance with the 900 and 1000 Series Rules.

Carlos Lujan, Ph.D.
Environmental Protection Specialist
Northwest Region



P 970.625.2497 x7 | F [970.625.2497](tel:970.625.2497) | C [970.286.3292](tel:970.286.3292)
796 Megan Avenue, Suite 201, Rifle, CO 81650
carlos.lujan@state.co.us | www.colorado.gov/cogcc

On Wed, Aug 17, 2016 at 9:09 AM, Beall, Christopher <Christopher.Beall@stantec.com> wrote:

Carlos,

Things here are going well. It's been a busy and hot summer. Hope you are doing well!

Seth Maher is the Stantec Task Manager for the NE Terraced Area work at Wilson Creek. I asked him to provide a quick response to your email which he has done and is in blue text below. Please review and let me know if you have any questions.

Thanks,

Chris

Hello Carlos-

Stantec completed the Assessment during the week of July 22nd, and Excavations were completed at Terraces 6 and 7 by July 29th. Stantec is in the process of preparing a very basic Letter Report to document the 2016 activities (we anticipate having this Letter Report completed at the end of the month). In general, results obtained in 2016 fit previous results from the area.

The team intends on resuming excavation/backfill activities at the remaining Terraces (Terraces 1 through 5) in June 2017. A more formal Documentation Report will be prepared in 2017 after all field work is completed.

Please let us know if you have any specific questions. We plan on providing you the Letter Report within a few weeks.

Thank you,

Seth

From: Lujan - DNR, Carlos [mailto:carlos.lujan@state.co.us]
Sent: Tuesday, August 16, 2016 4:51 PM
To: Beall, Christopher
Subject: Re: Wilson Creek-NE Terraced Area-Initial Soil/Hand Auger Investigation

Chris,

How are things going at Stantec?

Can you give me an update of the terraces? Have you completed the Site Assessment? Got analytical results from the sampling? Has the excavation started?

Thanks,

Carlos

Carlos Lujan, Ph.D.
Environmental Protection Specialist
Northwest Region



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