

## Venegas, Victoria, EMNRD

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**From:** Joel Lowry <joel@etechenv.com>  
**Sent:** Monday, March 2, 2020 12:04 PM  
**To:** Venegas, Victoria, EMNRD; cwilhoit@legacyreserves.com; bcunningham@legacyp.com; Hamlet, Robert, EMNRD; Eads, Cristina, EMNRD; Bratcher, Mike, EMNRD  
**Subject:** [EXT] RE: NCE2002755660 HAMON FED COM A 3H @ 30-025-41305  
**Attachments:** Hamon Fed Com A #3H Volume Calculation.pdf; Rpt\_WO\_647634\_ver\_1\_000.pdf; 20200302122601.pdf

Victoria,

I have received your email. I did a quick review of the data and gathered some additional information. As I recall the vacuum truck was out there the day that the photographs were taken. Due to having livestock in the area, the landowner insisted that Legacy give the release a prompt and thorough response, which we attempted to do. The volume calculation indicates that approximately 36 bbls of crude oil were lost with approximately 20 bbls recovered. Review of manifests and invoices from the disposal suggests that approximately 30 bbls of tank bottoms (fluid + saturated soil) were recovered and disposed of. In addition the affected area was scraped and 20 cubic yards of impacted soil were disposed of at an NMOCD-permitted surface waste facility. I have attached that record for your review.

You probably noticed that the Initial Release Assessment (IRA) was not conducted in accordance with our standard operating procedure or that which you may be accustomed to seeing from us. We realize that a minimum of two soil samples should be collected from each location (I am still trying to drive this into my team). Looking back, I now see that I had our technicians revisit the on 12/26/2019 to collect additional soil samples, proximate to the original sample points, to meet those objectives. Laboratory analytical results from soil samples collected from the surface of the scraped area on 12/26/2019 indicate TPH concentrations at sample points SP1 (2,540 mg/kg), SP4 (11,000) and SP5 (4,290 mg/kg) exceeded the NMOCD Closure Criteria. The lab report is attached for your review. I think confusion and hecticness around the holidays may have played a part in the results from that lab report not making into the subject Site Assessment Report and Proposed Remediation Work Plan; I apologize for this having been over looked.

I should note that this Workplan, along with most of our Workplans, proposes to advance the floor and sidewalls until laboratory analytical results indicate BTEX, TPH and chloride concentrations are below the NMOCD Closure Criteria as opposed to using delineation data to establish a target depth. With this and the proposed excavation confirmation sampling interval, I would not be surprised if portions of the excavation exceed one foot bgs, particularly in the release flowpath or pooling areas. To answer your question as to how the GRO+DRO might be so low at 1 Ft. bgs, my thoughts are that it is from the prompt response, compacted nature of the well pad and extra effort to get heavily impacted/saturated material out of the ground during the initial response.

I hope that this is helpful and I apologize for any confusion and for having not performed the IRA in accordance with the requirements. We are all doing our best to perform meaningful field and technical work that meets the objectives of the New Rule. If you have any questions or need any additional information, please feel free to contact me by phone or email. Thanks!

*Joel W. Lowry*

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**From:** Venegas, Victoria, EMNRD <Victoria.Venegas@state.nm.us>

**Sent:** Monday, March 2, 2020 10:26 AM

**To:** cwilhoit@legacyreserves.com; bcunningham@legacyp.com; Joel Lowry <joel@etechenv.com>; Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

**Subject:** NCE2002755660 HAMON FED COM A 3H @ 30-025-41305

**NCE2002755660 HAMON FED COM A 3H @ 30-025-41305**

Mr. Lowry,

Regarding the Site Assessment Report and Proposed Remediation Work Plan for **NCE2002755660 HAMON FED COM A 3H @ 30-025-41305**, please clarify the following:

- The initial C-141 reports a major spill of 36 barrels of crude oil where 20 barrels were recovered (DOR: 11-22-2019). The photos taken on 21/11/2019 (?) show free-standing fluids on the surface of the pad. Can I get you to explain why the TPH and GRO+DRO concentration values at sample points: SP1@1', SP2@1', SP3@1', and SP4@1' are so low? All delineation samples were taken on 12/11/2019.

Thank you,

Victoria Venegas  
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