

From: [Weaver, Crystal, EMNRD](#)
To: ["Kimberly M. Wilson"](#)
Cc: [Bratcher, Mike, EMNRD](#); [Tucker, Shelly](#); [Christine Alderman](#); [David Adkins](#)
Subject: RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results
Date: Wednesday, November 15, 2017 10:15:00 AM
Attachments: [image001.png](#)

RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619

Christine/Kim,

I appreciate the efforts on providing the additional data and explanations. OCD approves the request to backfill.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact Mike Bratcher and/or myself in the District II Office.

Crystal Weaver

Environmental Specialist
OCD – Artesia District II
811 S. 1st Street
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Office: 575-748-1283 ext. 101
Cell: 575-840-5963
Fax: 575-748-9720

From: Kimberly M. Wilson [mailto:kwilson@talonlpe.com]
Sent: Tuesday, November 7, 2017 9:24 AM
To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>; Christine Alderman <calderman@cimarex.com>; David Adkins <dadkins@talonlpe.com>
Subject: RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

Hi Crystal,

To respond and clarify regarding your recent comments:

- Sample locations A-F are sidewall samples
- G-I are bottom samples. H & I were requested by Mike Bratcher as the only stipulation to our work plan when approved.
- Sample G was an estimated depth of 10' due to uneven ground while excavating and the equipment operator thought he still smelt petroleum order. We just wanted to verify bottom of excavation again.
- Sample D is a sidewall.
- The stockpile in this area was flipped and aerated before pulling sample SS-9A again.
- Cardinal always runs extended TPH but only reports them if requested. We had the lab reports revised to include the extended range (see data table).

We are respectfully requesting permission to backfill the excavation at Cimarex Vega 9.

Thank you.

Kimberly M. Wilson

Project Manager

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From: Weaver, Crystal, EMNRD [<mailto:Crystal.Weaver@state.nm.us>]

Sent: Friday, November 03, 2017 12:33 PM

To: David Adkins

Cc: Kimberly M. Wilson; Bratcher, Mike, EMNRD; Tucker, Shelly; Christine Alderman

Subject: RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

Thanks David. Now that you say that, I do recall that back when we visited with Cardinal Labs they did say that they automatically have to run for MRO to keep from having data rollover issues. So that is helpful.

Crystal Weaver

Environmental Specialist

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From: David Adkins [<mailto:dadkins@talonlpe.com>]

Sent: Friday, November 3, 2017 12:13 PM

To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>

Cc: Kimberly M. Wilson <kwilson@talonlpe.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>; Christine Alderman <calderman@cimarex.com>

Subject: Re: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

Crystal

Thanks for your response I will address all.

Cardinal always runs extended TPH but only reports if requested. It was simply a matter of a lab report revision. Samples H and I were rushed and I have those acceptable results.

Thanks.

Sent from my iPhone

On Nov 3, 2017, at 11:56 AM, Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us> wrote:

<image001.jpg>

RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619

David,

OCD looks forward to seeing your answers in writing to my questions from my original email that was sent on 10/31/17.

Since I don't see how Cardinal Labs could process the TPH extended range testing on the original stockpile samples that were originally provided to Cardinal Labs on 10/13/17 because even if a request was made on 10/31/17 to do the extended range testing on 10/31/17 (the date of my email where I stated OCD wanted extended range EPA Method 8015 tested) that would still be past the samples allowable holding time of 14 days. With that being said, I would like to again request that all the samples for the stockpiles be recollected and resubmitted and that they be thus tested for TPH extended range (EPA Method 8015) prior to approval for backfill. Please pair the results from the original TPH GRO and DRO with the new MRO results (once received) in a table format for OCD and BLM to review. Backfill approval will also remain pending till OCD receives valid written answers to the other questions that were originally asked by OCD in the 10/31/17 email.

As for the request made by OCD that Cimarex/Talon provide follow up lab data of

Sodium, Potassium, Calcium, Magnesium, SAR and pH for the stock pile, OCD is willing to reconsider this request, however, it would only make sense that if voluntary laboratory analysis was presented on the pre-treatment end of the project then it should also be tested for and offered at the post-treatment end of the project.

If there are any questions, concerns or further comments please contact either myself and/or Mike Bratcher here at the OCD District II Office in Artesia.

Crystal Weaver

Environmental Specialist

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From: David Adkins [<mailto:dadkins@talonlpe.com>]

Sent: Tuesday, October 31, 2017 2:49 PM

To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Kimberly M. Wilson <kwilson@talonlpe.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>

Cc: Christine Alderman <calderman@cimarex.com>

Subject: RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

Crystal,

I already called the lab about the extended range TPH and am able to respond to your comments. However I notice that you are asking for additional analytics that you didn't stipulate at work plan approval. If you had done so I certainly would have had them run. I'll get with you tomorrow. Thank you.

Respectfully,

David J. Adkins

District Manager Artesia

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<image002.png>

From: Weaver, Crystal, EMNRD [<mailto:Crystal.Weaver@state.nm.us>]

Sent: Tuesday, October 31, 2017 1:12 PM

To: Kimberly M. Wilson <kwilson@talonlpe.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>

Cc: Christine Alderman <calderman@cimarex.com>; David Adkins <dadkins@talonlpe.com>

Subject: RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619

Christine/Kim,

Thanks for the submission but I am having some trouble working through the information provided.

- When I gave the approval back on 6/29/17 and I stated bottom hole and sidewall confirmation samples will be required I meant lab tested as well. So I apologize if that was not assumed, but any confirmation samples should be lab tested (as it states in the COA document that Cimarex has been sent many times). So if sample points H and I were intended to be Cimarex/Talon's bottom hole confirmation samples then I ask that these samples be laboratory tested by such methods as EPA Method 8260 or 8021, Method 8015 extended range, and either Method 4500 or 300.0.

Or-

Are sample points D and G supposed to represent bottom hole lab tested confirmation samples for your green colored 8' excavation section? If so then I must ask, why is the sample depth for G set at 10' when your map color coding states that the excavation went to a depth of 8' total in this area? Also for sample point D set at 5' which correlated with the excavation depth cited for the red colored section however, why is the location of the sample point on the side of the extent of the excavation in the green colored section. I kept thinking is sample point D supposed to be a side wall sample...

- Also when SS-9 came back after the first lab testing with TPH over RRALs what was done? I see another sampling was done SS-9A, but what did that involve? Was any further treatment done to area where the original SS-9 was taken?
- MRO (extended range testing) was also never ran on the stockpile samples and TPH was the most concerning factor that shows up in lab data for this release according to data provided. Please resample and do full extended range testing on all stockpile samples.
- Also because the recommended treatment provided in the original work plan

was soil shredding with application of Hydrogen Peroxide 33% solution, and a treatment of a "Calcium and Magnesium solution" was also implemented, therefore, OCD will also require that follow up lab data of Sodium, Potassium, Calcium, Magnesium, SAR and pH be lab tested for the stock pile samples as well. Perhaps a background sample that represents like depths (documented on the site map) should be taken and analyzed for comparative/conclusive results.

*****Also please note. On Chain of Custody documents for all samples that involved TPH and BTEX testing, for this project, the proper required temperature of 4°C was not achieved upon transfer to Cardinal Labs. Please don't allow for this to happen again. Otherwise samples that are tested for these constituents that come back with temps over 4°C will be disqualified.*****

If there are any questions or concerns please contact either myself or Mike Bratcher here at the OCD District II Office in Artesia.

Crystal Weaver

Environmental Specialist

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From: Kimberly M. Wilson [<mailto:kwilson@talonlpe.com>]

Sent: Friday, October 27, 2017 11:53 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Tucker, Shelly <stucker@blm.gov>

Cc: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Christine Alderman <calderman@cimarex.com>; David Adkins <dadkins@talonlpe.com>

Subject: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619 - - Soil Shredding Results

Importance: High

*RE: Vega 9 Federal #2 * 30-015-36328 * 2RP-2619*

Mike and Shelly,

Please find attached the site map along with the data table for the above referenced location. Tentatively we are scheduled to begin reconstructing the site next week, so the client can bring their well back into production.

On behalf of our client, we would respectfully request permission to begin backfilling activities on this project.

If you have any questions or concerns please feel free to contact our office. Thank you.

Kimberly M. Wilson

Project Manager

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