

**From:** Michael Alves  
**To:** [Oberding, Tomas, EMNRD](#)  
**Cc:** [Yu, Olivia, EMNRD](#); [Michael Burton](#); [Kendall Cowan](#); [Laura Flores](#)  
**Subject:** Sheridan Monterey Battery  
**Date:** Tuesday, March 14, 2017 10:26:46 AM  
**Attachments:** [H700614 DFSI.pdf](#)  
[2-20 samples.pdf](#)  
[2-27 samples.pdf](#)  
[1-12 samples .pdf](#)

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Sir here is all the lab samples confirming that the DRO has gone down to below the 1000 ppm that you requested. We started the process by first using micro blaze and a fertilizer that had 24% nitrogen we then let sit and air out reducing DRO from the original 2400 ppm that we started with in half down to 1400 ppm. We then blended again with more clean caliche and brought down to around 280 ppm on DRO. With these results sir I respectfully ask for backfill approval.

Thank you  
Michael Alves

Dirt Work/Environmental Foreman  
575-631-3364

**From:** Michael Alves  
**To:** [Yu, Olivia, EMNRD](#)  
**Cc:** [Merle Lewis](#); [SJohnson@sheridanproduction.com](mailto:SJohnson@sheridanproduction.com); [Michael Burton](#); [Michael Patterson](#); [Kendall Cowan](#); [Oberding, Tomas, EMNRD](#); [Ed Hamblin](#); [Frank Abbenante](#)  
**Subject:** FW: Monterey Battery update  
**Date:** Tuesday, February 28, 2017 2:55:41 PM

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Forgot to cc you mam I apologize.

Michael Alves

*Dirt Work/Environmental Foreman*  
*575-631-3364*

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**From:** Michael Alves  
**Sent:** Tuesday, February 28, 2017 2:53 PM  
**To:** 'Merle Lewis' <merle.lewis@sheridanproduction.com>  
**Cc:** Ed Hamblin <ed.hamblin@sheridanproduction.com>; Frank Abbenante <fabbenante@sheridanproduction.com>; SJohnson@sheridanproduction.com; Michael Burton <mburton@diversifiedfsi.com>; Michael Patterson <mpatterson@diversifiedfsi.com>; kcowan@cowan-group.com; Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>; Laura Flores <lflores@diversifiedfsi.com>  
**Subject:** Monterey Battery update

Following the conversation Mr. Oberding and I had this afternoon, he is happy with the progress we have made. GRO has dropped below reportable limits and DRO has dropped in half from the original number it was before. The NMOCD would like the levels to be below 1000 before approving backfill approval on the location. With that we are only 400 PPM away from that 1000 and I think over the course of the next week or two the levels will drop between the great New Mexico weather of wind, heat and sporadic rain and freeze I'm sure this result will be accomplished soon. I will continue to go out every 3-4 days and grab a field sample and keep you updated hopefully by the middle of march this site can be completed and closed out. I hope everyone is okay with the progress. Please call me with any questions or concerns. We are still under budget on the job as of today.

Michael Alves  
5756313364  
[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)

**From:** [Oberding, Tomas, EMNRD](#)  
**To:** [Laura Flores](#)  
**Cc:** [Tucker, Shelly](#); [Michael Alves](#); [Yu, Olivia, EMNRD](#); [Michael Burton](#); [Michael Patterson](#); [Kendall Cowan](#)  
**Subject:** RE: Sheridan - Monterey Battery (1R-4477) Work Plan Addendum  
**Date:** Tuesday, January 10, 2017 7:59:45 AM

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Aloha Ms. Flores et al,

Thank you for the updated information.

Based on this update and the prior workplan, the OCD approves a 2' excavation with further work to be conducted at retrofit, sale or abandonment (whichever comes first).

Please keep us informed.

Mahalo

-Doc

Tomáš 'Doc' Oberding PhD  
Hydrologist, Adv-District 1  
Oil Conservation Division, EMNRD  
(505) 476-3403  
E-Mail: [tomas.oberding@state.nm.us](mailto:tomas.oberding@state.nm.us)

一期一会

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.

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**From:** Laura Flores [mailto:lflores@diversifiedfsi.com]  
**Sent:** Monday, January 9, 2017 3:11 PM  
**To:** Oberding, Tomas, EMNRD <Tomas.Oberding@state.nm.us>  
**Cc:** Tucker, Shelly <stucker@blm.gov>; Michael Alves <maves@diversifiedfsi.com>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Michael Burton <mburton@diversifiedfsi.com>; Michael Patterson <mpatterson@diversifiedfsi.com>; Kendall Cowan <kcowan@cowan-group.com>  
**Subject:** RE: Sheridan - Monterey Battery (1R-4477) Work Plan Addendum

Dr. Oberding,

In the Work Plan, submitted January 9, 2016, the following text in blue will be added and the text in red will be removed:

Page 1, Paragraph 4

DFSI has conducted a groundwater study of the area and has determined, according to the New Mexico Office of the State Engineer, ~~there is no known depth to groundwater~~ the

average depth to groundwater beneath this site is approximately 60 ft bgs (attached).

Please let us know if we can provide any additional information.

Thank you,

Laura Flores  
Report Writer  
Environmental Department  
Diversified Field Service, Inc.  
206 W Snyder | Hobbs, NM 88240  
Phone: 575.964.8394 | Fax: 575.964.8396

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**From:** Oberding, Tomas, EMNRD [<mailto:Tomas.Oberding@state.nm.us>]  
**Sent:** Monday, January 09, 2017 2:54 PM  
**To:** Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>; Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>; Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** Michael Burton <[mburton@diversifiedfsi.com](mailto:mburton@diversifiedfsi.com)>; Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; Kendall Cowan <[kcowan@cowan-group.com](mailto:kcowan@cowan-group.com)>  
**Subject:** RE: Sheridan Monterey battery

Aloha all,

The OCD denies the current proposal.

The location within the work document (27S) does not match the location of the well (21S) or the original C-141 (21S).

Based on the sampling the OCD requests an addendum with new depth to groundwater information. Once that is provided the OCD would approve a 2' excavation with further remediation being addressed at time of retrofit, sale, or abandonment, whichever came first.

Please keep us informed.

Mahalo  
-Dr. Oberding

Tomáš 'Doc' Oberding PhD  
Hydrologist, Adv-District 1  
Oil Conservation Division, EMNRD  
(505) 476-3403  
E-Mail: [tomas.oberding@state.nm.us](mailto:tomas.oberding@state.nm.us)

一期一会

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.

**From:** Tucker, Shelly [<mailto:stucker@blm.gov>]

**Sent:** Monday, January 9, 2017 9:15 AM

**To:** Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>

**Cc:** Oberding, Tomas, EMNRD <[Tomas.Oberding@state.nm.us](mailto:Tomas.Oberding@state.nm.us)>; Michael Burton <[mburton@diversifiedfsi.com](mailto:mburton@diversifiedfsi.com)>; Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; Kendall Cowan <[kcowan@cowan-group.com](mailto:kcowan@cowan-group.com)>

**Subject:** Re: Sheridan Monterey battery

**BLM as reviewed an *accepts* your proposal as written. Remaining impact will need to be addressed upon abandonment of the well site,**

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

*Shelly J Tucker*

Environmental Protection Specialist  
O&G Spill/Release Coordinator

Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM 88220

575.234.5905 - Direct  
575.361.0084 - Cellular  
575.234.6235 - Emergency Spill Number

[stucker@blm.gov](mailto:stucker@blm.gov)

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

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On Mon, Jan 9, 2017 at 7:01 AM, Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)> wrote:

Here is the work plan for the site above please call me with any question or concerns, I would like to be able to get this site taken care of asap. If possible.

Thank you

Michael Alves