

**From:** [Yu, Olivia, EMNRD](#)  
**To:** ["Michael Alves"](#)  
**Cc:** [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)  
**Subject:** RE: State P Battery 003 1R-4466 Sundown Energy  
**Date:** Thursday, August 31, 2017 8:45:00 AM  
**Attachments:** approved\_Sundown - State P #003 (1R-4466) Revised Work Plan\_v2.pdf

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Good morning Mr. Alves:

NMOCD approves of the proposed delineation and remediation for 1RP-4466. Laboratory analyses (BTEX, TPH extended, and chlorides) of sidewalls and bottom confirmation samples are required for each of the excavated areas.

Please see the attachment for your records.

Thanks,

Olivia Yu  
Environmental Specialist  
NMOCD, District I  
[Olivia.yu@state.nm.us](mailto:Olivia.yu@state.nm.us)  
575-393-6161 x113

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:** Michael Alves [mailto:malves@diversifiedfsi.com]  
**Sent:** Tuesday, August 29, 2017 3:19 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>  
**Cc:** [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)  
**Subject:** State P Battery 003 1R-4466 Sundown Energy

Per our conversation yesterday,

To document what we talked about yesterday, Conditions of Approval will be as follows.

Sp1-3 & Sp6-12 will be excavated to the proposed depths as in proposed work plan.

Sidewalls & bottoms will need to be taken.

Sidewalls will be submitted with a new map before backfill is performed and NMOCD and SLO approval will be required for backfill to commence.

The area of the Battery will be fully delineated during excavation due to safety issues. After backfill is approved by NMOCD and SLO and full delineation is accomplished.

If you have any questions or want to add anything please let me know

Thank you

Michael Anthony Alves  
Environmental Operations Manager  
Diversified Field Services  
(575) 631-3364  
[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)

**From:** Michael Alves  
**To:** [Yu, Olivia, EMNRD](mailto:Yu.Olivia@EMNRD); [Aralee Vargas; agroves@slo.state.nm.us](mailto:Aralee.Vargas@agroves.slo.state.nm.us)  
**Cc:** [Michael Patterson; wesable@yahoo.com](mailto:Michael.Patterson@wesable.yahoo.com)  
**Subject:** RE: State P #003 (1R-4466) Work Plan  
**Date:** Thursday, August 10, 2017 2:14:19 PM

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Ms. Yu

Would you consider this please, while remediating this location we can finish delineating inside the battery while we have equipment already on location. This location has a lot of hard rock which mean we need to take a hammer hoe out to get down that low pounding with a hammer is going to create a safety hazard for the crew doing the work and it compromises the tank if we spark. While remediating location we will have already taken measures to shut battery down for safety reasons. Of course **BEFORE BACKFILL** we will stop and get backfill approval based off the samples we take during excavation. Or excavate deeper in the areas install liner or whatever you require us to along with SLO office approval.

[Michael Anthony Alves](#)  
[Environmental Operations Manager](#)  
[Diversified Field Services](#)  
[\(575\)631-3364](#)  
[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)] Sent: Thursday, August 10, 2017 11:14 AM  
**To:** Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>; Aralee Vargas <[avargas@diversifiedfsi.com](mailto:avargas@diversifiedfsi.com)>; [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)  
**Cc:** Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; [wesable@yahoo.com](mailto:wesable@yahoo.com)  
**Subject:** RE: State P #003 (1R-4466) Work Plan

Dear Mr. Alves:

NMOCD revises the decision made on August 7, 2017, regarding the completion of delineation for 1RP-4466. NMSLO stated on March 13, 2017 that the affected area inside the tank battery must be delineated to a minimum depth of 4 ft. bgs. Therefore, the surface data presented in the revised work plan from August 8, 2017 is insufficient. Additional vertical and horizontal delineation are required.

Thanks,  
Olivia

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**From:** Yu, Olivia, EMNRD  
**Sent:** Thursday, August 10, 2017 9:52 AM  
**To:** 'Michael Alves' <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>; Aralee Vargas <[avargas@diversifiedfsi.com](mailto:avargas@diversifiedfsi.com)>;

[agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)

**Cc:** Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; [wesable@yahoo.com](mailto:wesable@yahoo.com)

**Subject:** RE: State P #003 (1R-4466) Work Plan

Mr. Alves:

Thank you for your agreement regarding the proposed remediation for 1RP-4466. The information provided on page 2 of the revised delineation report, dated August 8, 2017, neglected to include TPH analyses nor bottom confirmation samples for each of the 7 areas. The response below is to clarify and document this difference.

Olivia

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**From:** Michael Alves [<mailto:malves@diversifiedfsi.com>]

**Sent:** Thursday, August 10, 2017 7:31 AM

**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>; Aralee Vargas <[avargas@diversifiedfsi.com](mailto:avargas@diversifiedfsi.com)>; [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)

**Cc:** Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; [wesable@yahoo.com](mailto:wesable@yahoo.com)

**Subject:** RE: State P #003 (1R-4466) Work Plan

Ms. Yu,

Page 2 in the submitted revised work plan of August 8<sup>th</sup> was re written to match the map and NMOCD requested changes. If that does not meet NMOCD compliance for approval, please let us know. With that said tho, we are in agreement with your stipulations and requests.

Once we receive NMOCD approval, we will await approval from the SLO before progressing with corrective actions.

Michael Anthony Alves  
Environmental Operations Manager  
Diversified Field Services  
(575)631-3364  
[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)

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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]

**Sent:** Wednesday, August 09, 2017 4:09 PM

**To:** Aralee Vargas <[avargas@diversifiedfsi.com](mailto:avargas@diversifiedfsi.com)>; [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)

**Cc:** Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>; Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; [wesable@yahoo.com](mailto:wesable@yahoo.com)

**Subject:** RE: State P #003 (1R-4466) Work Plan

Ms. Vargas:

Thank you for the modified map regarding proposed remedial activities for 1RP-4466. Nonetheless,

the conditions stipulated in the email dated August 7, 2017, must be agreed upon. Specifically, each of the 7 separate areas with proposed differing depths of excavation must have laboratory analyses of BTEX, TPH, and chlorides for bottom and sidewall samples.

Thanks,  
Olivia

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**From:** Aralee Vargas [<mailto:avargas@diversifiedfsi.com>]  
**Sent:** Tuesday, August 8, 2017 9:53 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>; [agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)  
**Cc:** Michael Alves <[malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)>; Michael Patterson <[mpatterson@diversifiedfsi.com](mailto:mpatterson@diversifiedfsi.com)>; [wesable@yahoo.com](mailto:wesable@yahoo.com)  
**Subject:** State P #003 (1R-4466) Work Plan

Good Morning,

Attached is the Revised Work Plan for the State P #003 (1R-4466). If you have any question or concerns please contact Michael Alves ([malves@diversifiedfsi.com](mailto:malves@diversifiedfsi.com)).

Thank you,

Aralee Vargas  
Report Writer  
Environmental Department  
Diversified Field Service, Inc.  
Phone: 575.964.8394 | Fax: 575.964.8396

**From:** [Yu, Olivia, EMNRD](#)  
**To:** "Laura Flores"; "Groves, Amber"  
**Cc:** [Michael Alves](#); [Michael Burton](#); [wesable@yahoo.com](mailto:wesable@yahoo.com)  
**Subject:** RE: Sundown - State P #003 (1R-4466) Revised Work Plan  
**Date:** Monday, August 7, 2017 3:34:00 PM

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Dear Ms. Flores:

NMOCD agrees that delineation has been completed for 1RP-4466. For remediation, NMOCD requests modification to the proposed excavation depths for the specified areas.

1. Due to high surface PID values for SP8 and SP9, the proposed 2 ft. excavation for the area demarcated SB2 must include the SP9 sample location.
2. Total TPH at 2 ft. bgs for the area demarcated around SB3 exceeds permissible levels; therefore the 2 ft. proposed excavation is not sufficient. NMOCD recommends 3 ft. excavation.
3. To complete horizontal delineation, submit a new scaled map with the confirmatory sidewall sample locations marked for each area with differing depths of excavation. Distance intervals between sample locations must be  $\leq 50$  ft.
4. All separate areas marked with proposed remedial actions as demarcated on the map must have confirmatory laboratory analyses of sidewalls and bottom samples. Use Method 8260 or 8021 for BTEX, Method 8015 extended for TPH (GRO, DRO, and MRO), and Method 300 for chlorides.

Please confirm.

Thanks,

Olivia Yu  
Environmental Specialist  
NMOCD, District I  
[Olivia.yu@state.nm.us](mailto:Olivia.yu@state.nm.us)  
575-393-6161 x113

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**From:** Laura Flores [mailto:lflores@diversifiedfsi.com]  
**Sent:** Thursday, July 20, 2017 2:31 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; 'Groves, Amber' <agroves@slo.state.nm.us>  
**Cc:** Michael Alves <malves@diversifiedfsi.com>; Michael Burton <mburton@diversifiedfsi.com>; wesable@yahoo.com  
**Subject:** Sundown - State P #003 (1R-4466) Revised Work Plan

Good afternoon.

Attached is the Revised Work Plan for the Sundown State P #003 (1R-4466), addressing the need for further delineation.

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

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