

**From:** [Yu, Olivia, EMNRD](#)  
**To:** ["McLaughlin, Joseph P": Tucker, Shelly](#)  
**Cc:** [Clay, Bryan W](#)  
**Subject:** RE: [EXTERNAL]RE: CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well  
**Date:** Tuesday, February 27, 2018 8:44:00 AM  
**Attachments:** approved\_1RP4903\_ConocoPhillips Battle Axe 27 Federal 2H Well CAP.pdf  
approved\_1RP4916\_ConocoPhillips Battle Axe 27 Federal 2H Well CAP 1-4-18.pdf

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Mr. McLaughlin:

NMOCD approves of the proposed delineation plan for 1RP-4903 and 1RP-4916. Please inform NMOCD of soil sampling witnessing opportunities at least 48 hours in advance.

Like approval from BLM required.

Thanks,  
Olivia

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**From:** McLaughlin, Joseph P [mailto:Joe.P.McLaughlin@conocophillips.com]  
**Sent:** Friday, February 23, 2018 5:55 AM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Tucker, Shelly <stucker@blm.gov>  
**Cc:** Clay, Bryan W <Bryan.W.Clay@conocophillips.com>  
**Subject:** RE: [EXTERNAL]RE: CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well

Ms. Yu

Attached are the corrected CAP for the ConocoPhillips Battle Axe spills with your requirements added. Please review them for remediation and if you have any questions please let me know.

Thanks,

**Joseph McLaughlin**  
Safety Specialist  
ConocoPhillips  
Work # 432-688-9062  
W Cell # 806-567-2790

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)]  
**Sent:** Monday, February 19, 2018 4:28 PM  
**To:** McLaughlin, Joseph P <[Joe.P.McLaughlin@conocophillips.com](mailto:Joe.P.McLaughlin@conocophillips.com)>; Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>  
**Cc:** Clay, Bryan W <[Bryan.W.Clay@conocophillips.com](mailto:Bryan.W.Clay@conocophillips.com)>  
**Subject:** RE: [EXTERNAL]RE: CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well

Mr. McLaughlin:

Similar inconsistencies in this version of the proposed delineation for 1RP-4903 and 1RP-4916. Please refer to the below email dated January 29, 2018. To reiterate:

- All soil samples must be discrete.
- TPH analyses must include GRO, DRO, and MRO.
- The proposed 8 sample locations are adequate for the first pass. Please be advised that for delineation to be complete vertically, each delineation sample location must demonstrate 2 depths with permissible levels of BTEX, TPH extended, and chlorides in laboratory analyses. For example, if delineation is proposed to be conducted while excavating, samples from the bottom of the excavation and samples must be taken 2-3 ft. below the bottom of the excavation to confirm that the permissible levels were maintained.
- For complete horizontal delineation, sidewalls of the excavation must demonstrate permissible levels.

Please confirm or inform for clarification.

Thanks,  
Olivia

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**From:** McLaughlin, Joseph P [<mailto:Joe.P.McLaughlin@conocophillips.com>]  
**Sent:** Monday, February 5, 2018 2:07 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>; Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>  
**Cc:** Clay, Bryan W <[Bryan.W.Clay@conocophillips.com](mailto:Bryan.W.Clay@conocophillips.com)>  
**Subject:** RE: [EXTERNAL]RE: CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well

Olivia,

Please review the attached CAP plans for the Battle Axe. Let me know if I need to modify it further or if it is okay to move forward.

Thank you,

Joseph McLaughlin  
Safety Specialist  
ConocoPhillips  
Work # 432-688-9062  
W Cell # 806-567-2790

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**From:** Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]  
**Sent:** Monday, January 29, 2018 12:02 PM  
**To:** McLaughlin, Joseph P <[Joe.P.McLaughlin@conocophillips.com](mailto:Joe.P.McLaughlin@conocophillips.com)>; Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>  
**Subject:** [EXTERNAL]RE: CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well

Mr. McLaughlin:

The proposed delineation workplans for 1RP-4903 and 1RP-4916 are not approved. Given the size of the impacted area, likely more than five sample locations are required to characterize the releases. Please resubmit workplan with an appropriately scaled map, preferably aerial imagery, with the release areas outlined and delineation sample locations marked. One delineation workplan for 1RP-4903 and 1RP-4916 is acceptable.

1. Establish delineation sample locations in representative pooling locations in addition to the 4 cardinal directions.
2. Each sample location must demonstrate 2 depths of permissible levels of BTEX, TPH extended (GRO, DRO, and MRO), and chlorides: depth obtained and depth maintained at least 2-3 ft. further in depth. Laboratory analyses must be from discrete soil samples of these two depths for each sample location. Composites are not permitted.
3. Permissible chloride level is  $\leq 600$  mg/kg.

Please be advised that NMOCD considers delineating while conducting remedial activities to be conducted at risk. Also, NMOCD does not preclude the Responsible Operator from immediate corrective actions, such as cleanup of standing fluids or removal of visibly impacted soil.

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:** McLaughlin, Joseph P [<mailto:Joe.P.McLaughlin@conocophillips.com>]  
**Sent:** Wednesday, January 17, 2018 1:59 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>; Tucker, Shelly <[stucker@blm.gov](mailto:stucker@blm.gov)>  
**Subject:** CAP's for ConocoPhillips Battle Axe 27 Federal 2H Well

NMOCD & BLM,

Attached to this email are the Corrective Action Plans for the spills that occurred at the ConocoPhillips Battle Axe 27 Federal 2H location. (1RP-4903, 1RP-4916) Please review them and let me know if remediation is okay to start or if changes to the plan need to be made.

Thank you for your time,

**Joseph McLaughlin**  
Safety Specialist  
ConocoPhillips  
Work # 432-688-9062  
W Cell # 806-567-2790