

**From:** Yu, Olivia, EMNRD  
**To:** "r@rthicksconsult.com"; "Dale Littlejohn"; "Tucker, Shelly"; Billings, Bradford, EMNRD  
**Cc:** "William Savage"; tate.savage@amtenergy.com; cjpj@leaco.net  
**Subject:** RE: Amtex, Inc. Tomahawk SWD API 30-025-33069 (OGRID #000785)  
**Date:** Monday, September 25, 2017 9:45:00 AM

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Dear Mr. Hicks:

Please address these concerns regarding the proposed delineation plan for 1RP-4778.

- Given the impacted area shown in Plate 1, to fully characterize the release area, representative sample locations need to be established around the release point on the SWD pad as well as the lease road.
- Please be advised that a subsurface caliche layer is not consider an acceptable rationale for not completing vertical delineation.
- Additional vertical delineation via backhoe trenches is necessary at Sample 2 and 4 along with Sample 1 and Sample 5.
- Sample locations to complete horizontal delineation along the BLM lease road should not be greater than 50 ft. laterally and include probable pooling locations.
- Laboratory analyses from all sample trenches must demonstrate at least 2 depths of permissible chloride levels of  $\leq 600$  mg/kg: depth obtained and depth maintained minimal 2 ft. further in depth. Suggested 10% of samples for laboratory analyses may not adequately or sufficiently complete vertical delineation.
- Provide all field chloride tests along with laboratory analyses in a tabulated format.
- How is the determination made regarding which two samples will be sent to the laboratory for TPH extended analyses?

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:** Randall Hicks [mailto:r@rthicksconsult.com]  
**Sent:** Thursday, August 24, 2017 9:28 PM  
**To:** Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; 'Dale Littlejohn' <dale@rthicksconsult.com>; 'Tucker, Shelly' <stucker@blm.gov>; 'Groves, Amber' <agroves@slo.state.nm.us>  
**Cc:** 'William Savage' <bsavage@amtenergy.com>; tate.savage@amtenergy.com; cjpj@leaco.net  
**Subject:** RE: Amtex, Inc. Tomahawk SWD API 30-025-33069 (OGRID #000785)

Ms. Yu

Attached is the proposed remediation plan.

Randall Hicks  
R.T. Hicks Consultants  
Cell: 505-238-9515  
Office: 505-266-5004

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)]  
**Sent:** Monday, August 7, 2017 4:36 PM  
**To:** Dale Littlejohn; Tucker, Shelly; 'Groves, Amber'  
**Cc:** William Savage; Randy Hicks; [tate.savage@amtenergy.com](mailto:tate.savage@amtenergy.com)  
**Subject:** RE: Amtex, Inc. Tomahawk SWD API 30-025-33069 (OGRID #000785)

Dear Mr. Littlejohn:

The 1RP for this incident is

<b>4778</b>	8/7/2017	A	Amtex	Tomahawk SWD	30-025-33069	21S-33E-31L	7/17/2017
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Please note that a release characterization/delineation workplan as detailed in the attachment must be approved by NMOCD BEFORE any remediation work.

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:** Dale Littlejohn [<mailto:dale@rthicksconsult.com>]  
**Sent:** Thursday, August 3, 2017 5:51 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** William Savage <[bsavage@amtexenergy.com](mailto:bsavage@amtexenergy.com)>; Randy Hicks <[r@rthicksconsult.com](mailto:r@rthicksconsult.com)>; [tate.savage@amtexenergy.com](mailto:tate.savage@amtexenergy.com)  
**Subject:** Amtex, Inc. Tomahawk SWD API 30-025-33069 (OGRID #000785)

Olivia,

Please find the attached C-141 for the spill that occurred at the above reference site. Please contact me if you have any questions.

Thanks