

**From:** [andrew@rthicksconsult.com](mailto:andrew@rthicksconsult.com)  
**To:** [Yu, Olivia, EMNRD](#); "[Yolanda Jimenez](#)"; [stucker@blm.gov](mailto:stucker@blm.gov)  
**Cc:** "[Randall Hicks](#)"; "[David Harwell](#)"  
**Subject:** RE: Advanced Energy - Tomahawk 1RP- 4778  
**Date:** Friday, July 27, 2018 4:42:41 PM

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Ms. Yu:

I corresponded with Ms. Tucker at the BLM. She still has the Tomahawk assigned to her. We are prepared to delineate the identified locations (see below email) the week of August 6<sup>th</sup>, which is the next available time for the drill rig. I am in communication with Ms. Tucker regarding the HA-250 location and access - this location will either cause closure of the access road or destroying vegetation by grading a flat area so that the drill rig can center over the release along the ditch in the road. The attached photos shows the proposed location relative to the ditch and vegetation.

Regarding the discrepancies from the sample at Pad West at 7 ft. The caliche layer was at 7 ft. To clarify, the sample exhibiting 120 mg/kg chloride was obtained at 6ft 11.5 inches, half an inch above the caliche layer at 7ft. The 7ft caliche sample exhibiting 3,800 mg/kg was at 7ft. Both samples were obtained by scraping a discrete small area at the specified interval.

Andrew Parker  
R.T. Hicks Consultants  
Durango Field Office  
Cell: (970) 570-9535

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**From:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Sent:** Friday, June 29, 2018 2:52 PM  
**To:** Andrew Parker <[andrew@rthicksconsult.com](mailto:andrew@rthicksconsult.com)>; Yolanda Jimenez <[yjimenez@blm.gov](mailto:yjimenez@blm.gov)>  
**Cc:** 'Randall Hicks' <[r@rthicksconsult.com](mailto:r@rthicksconsult.com)>; 'David Harwell' <[DHarwell@advanceenergypartners.com](mailto:DHarwell@advanceenergypartners.com)>  
**Subject:** RE: Advanced Energy - Tomahawk 1RP- 4778

Mr. Parker:

Thank you for the reminder regarding the delineation workplan for 1RP-4778. Please be advised that NMOCD database indicates the Western portion of the release on the lease road impacts Federal surface. BLM can verify.

In review of the submitted data in the report dated , further vertical delineation will be required. In particular, the areas represented by Pad West, Trench 1, Trench 2, and HA-250 South would need chloride data at greater depth than 13 ft. bgs. Please explain the disparity in chloride levels in samples from Pad West at 7 ft. and Pad West at 7 ft. Caliche. Was the caliche sample from scraping the caliche layer (i.e., not an intact, discrete soil sample)?

Thanks,  
Olivia

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**From:** Andrew Parker <[andrew@rthicksconsult.com](mailto:andrew@rthicksconsult.com)>  
**Sent:** Thursday, June 28, 2018 4:14 PM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** 'Randall Hicks' <[r@rthicksconsult.com](mailto:r@rthicksconsult.com)>; 'David Harwell' <[DHarwell@advanceenergypartners.com](mailto:DHarwell@advanceenergypartners.com)>  
**Subject:** RE: Advanced Energy - Tomahawk 1RP- 4778

Ms. Yu:

Per my email for Advance Energy - 1RP-4953, we plan performing additional delineation for 1RP-4953. We believe the Tomahawk location has been properly delineated. If NMOCD believes additional delineation is necessary we would like to conduct the characterizations at the same time as 1RP-4953. We look forward to NMOCD's response on whether additional delineation at the Tomahawk site is necessary.

Thank you.

Andrew Parker  
R.T. Hicks Consultants  
Durango Field Office  
970-570-9535

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**From:** Andrew Parker [<mailto:andrew@rthicksconsult.com>]  
**Sent:** Friday, April 27, 2018 1:46 PM  
**To:** 'Yu, Olivia, EMNRD'  
**Cc:** 'clabe@merchantlivestock.com'; 'bblevins5252@gmail.com'; 'altech@pvttn.net'; 'Tucker, Shelly'; 'Randall Hicks'; 'David Harwell'  
**Subject:** Advanced Energy - Tomahawk 1RP- 4778

Ms. Yu:


R.T. Hicks Consultants submits the attached characterization and remediation plan for 1RP-4778, commonly known as Advanced Energy Tomahawk site.

We look forward to division approval so we can begin remedial activities. Please contact me with any questions or comments.

Thank you,

Andrew Parker  
R.T. Hicks Consultants  
Durango Field Office

970-570-9535

A photograph of a wide, unpaved dirt road in a desert environment. The road is light brown and shows tire tracks. To the right of the road, there is a deep, narrow erosion ditch. The surrounding landscape is arid with sparse green shrubs and a clear blue sky. A surveying pole with a red and black striped top is planted in the sand on the left side of the road. A red callout box with a white border points to the pole.

**Boreholde HA-250**



