

**From:** Groves, Amber  
**To:** [Yu, Olivia, EMNRD](#); [Ryan Mersmann](#)  
**Cc:** [asanker@isramco-jay.com](mailto:asanker@isramco-jay.com); "Jim Foster"; [preston@teamtimberwolf.com](mailto:preston@teamtimberwolf.com)  
**Subject:** RE: Enfield No. 1 - Site Characterization Work Plan  
**Date:** Monday, September 25, 2017 10:18:20 AM  
**Attachments:** image001.png  
image002.png  
image004.png

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Good Morning,

I am showing that I may have missed this one. My apologies. NMSLO agrees with NMOCD on approval.

Thank you,

**Amber Groves**

*Remediation Specialist*  
*Field Operations Division*  
(575)392-3697  
(575)263-3209 cell  
New Mexico State Land Office  
2827 N. Dal Paso Suite 117  
Hobbs, NM 88240

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**From:** Yu, Olivia, EMNRD [mailto:[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)]  
**Sent:** Tuesday, August 29, 2017 12:28 PM  
**To:** Ryan Mersmann <[ryan@teamtimberwolf.com](mailto:ryan@teamtimberwolf.com)>; Groves, Amber <[agroves@slo.state.nm.us](mailto:agroves@slo.state.nm.us)>  
**Cc:** [asanker@isramco-jay.com](mailto:asanker@isramco-jay.com); 'Jim Foster' <[jim@teamtimberwolf.com](mailto:jim@teamtimberwolf.com)>; [preston@teamtimberwolf.com](mailto:preston@teamtimberwolf.com)  
**Subject:** RE: Enfield No. 1 - Site Characterization Work Plan

Dear Mr. Mersmann:

NMOCD approves of the proposed delineation for 1RP-4714. Please see the attachment for your records. However, please be advised that a typical delineation report, at a minimum, includes these

items:

1. Scaled, preferably digital, map of the site with location of release, locations of proposed or actual sample points, and dimensions of the release demarcated. You can either mark on the map or provide a table on a subsequent page of sample points and respective GPS coordinates.
2. A) Documentation of depth to groundwater search. Go to <http://nmwrrs.ose.state.nm.us/nmwrrs/waterColumn.html>  
You may search with PLSS, but optimally use the UTM NAD83 radius search. Use the UTM conversion tool to get GPS coordinates in lat/long degrees into UTM coordinates. Use a radius of 2000 m and 5000 m. Output the report in pdf format. Check the USGS database and Chevron Trend Map for Lea County as well. Use the conservative value from both sources to determine water table depth.  
B) Check on a topographical map and report distance to surface water body and water source.
3. Tabulate preliminary field and analytical results for chlorides, BTEX, and TPH with IDs and depth of samples. Put the lab analyticals and chain of command afterwards or in an appendix.
4. Georeferenced photos in tiff, jpg, jpeg etc. format if available. This is easiest if photos are taken with a smartphone with GPS location activated. Otherwise, provide photos that were taken from the same spot pre- and post-cleanup.
5. Attach a copy of the reviewed initial C141.
6. Any releases on State leases (such as this one) will need to have a revegetation plan. Like approval from Amber Groves (State Land Office) will be required.

For this location, depth to groundwater averages 51 ft. bgs., which translates to permissible chloride values of 600 mg/kg obtained and maintained for 10 ft. further in depth. At a minimum, laboratory analyses must be of the depth obtained  $\leq$  600 mg/kg and of the 10 ft. further in depth. At any depth that the permissible level is exceeded, the additional 10 ft. recommences. Use Method 300 for chlorides and Method 8015 extended for TPH (GRO, DRO, and MRO).

Please confirm or inform if clarification is required.

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:** Ryan Mersmann [<mailto:ryan@teamtiberwolf.com>]  
**Sent:** Monday, August 7, 2017 9:13 AM  
**To:** Yu, Olivia, EMNRD <[Olivia.Yu@state.nm.us](mailto:Olivia.Yu@state.nm.us)>  
**Cc:** [asanker@isramco-jay.com](mailto:asanker@isramco-jay.com); 'Jim Foster' <[jim@teamtiberwolf.com](mailto:jim@teamtiberwolf.com)>;  
[preston@teamtiberwolf.com](mailto:preston@teamtiberwolf.com)  
**Subject:** Enfield No. 1 - Site Characterization Work Plan

Olivia,

Attached is a work plan to characterize soil impacts from the recent release at the Enfield No. 1.

Please let me know if you have any questions.

Thank you,

**Ryan S. Mersmann, P.G., CPSS**



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