

## Rose-Coss, Dylan H, EMNRD

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**From:** Rose-Coss, Dylan H, EMNRD  
**Sent:** Thursday, July 25, 2019 8:51 AM  
**To:** 'Heather Patterson'; Jim Amos (jamos@blm.gov)  
**Cc:** Castro, Isaac (MRO); Johnson, Misti M. (MRO); Henryetta Price  
**Subject:** RE: Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

Ms. Patterson,

Thanks for sending along the initial sample results. The OCD grants the extension of time request to mobilize additional equipment to the site. The Division requests a status update on the site in 60 days.

Thanks,

**Dylan Rose-Coss**

*Environmental Scientist*  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

(505) 476-3488



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**From:** Heather Patterson <heather.patterson@soudermiller.com>  
**Sent:** Friday, July 19, 2019 1:50 PM  
**To:** Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us>; Jim Amos (jamos@blm.gov) <jamos@blm.gov>  
**Cc:** Castro, Isaac (MRO) <icastro@marathonoil.com>; Johnson, Misti M. (MRO) <mjohnson4@marathonoil.com>; Henryetta Price <henryetta.price@soudermiller.com>  
**Subject:** [EXT] RE: Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

Good Afternoon,

On behalf of Marathon Oil, SMA would like to request an extension on the remediation at this site. We have collected initial samples, and have had them analyzed per NMOCD request. Due to ongoing flowback operations onsite, we are still unable to mobilize equipment. Please see the attached site map and initial sample results. This is a large, multi-well pad that has a lot of activity right now. Because of this, we don't know exactly when we will be able to access the spill area for remediation.

Please feel free to contact me with any questions,

Thank you,

Heather Patterson  
*Project Scientist*



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**From:** Rose-Coss, Dylan H, EMNRD <[DylanH.Rose-Coss@state.nm.us](mailto:DylanH.Rose-Coss@state.nm.us)>

**Sent:** Wednesday, June 5, 2019 3:47 PM

**To:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>; Jim Amos ([jamos@blm.gov](mailto:jamos@blm.gov)) <[jamos@blm.gov](mailto:jamos@blm.gov)>

**Cc:** Castro, Isaac (MRO) <[icastro@marathonoil.com](mailto:icastro@marathonoil.com)>; Karrigan, Callie N. (MRO) <[cnkarrigan@marathonoil.com](mailto:cnkarrigan@marathonoil.com)>

**Subject:** RE: Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

Ms. Patterson,

The NMOCD is satisfied with proposed analyses with one exception; the division requests that the full list of the method 8260 analytes be reported instead of just the GRO/DRO/MRO range.

Thanks for your response and prompt attention to these matters.

Regards,

**Dylan Rose-Coss**

*Environmental Scientist*  
Oil Conservation Division  
1220 South St. Francis Drive  
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(505) 476-3488

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**From:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>

**Sent:** Tuesday, June 4, 2019 2:56 PM

**To:** Rose-Coss, Dylan H, EMNRD <[DylanH.Rose-Coss@state.nm.us](mailto:DylanH.Rose-Coss@state.nm.us)>; Jim Amos ([jamos@blm.gov](mailto:jamos@blm.gov)) <[jamos@blm.gov](mailto:jamos@blm.gov)>

**Cc:** Castro, Isaac (MRO) <[icastro@marathonoil.com](mailto:icastro@marathonoil.com)>; Karrigan, Callie N. (MRO) <[cnkarrigan@marathonoil.com](mailto:cnkarrigan@marathonoil.com)>

**Subject:** [EXT] RE: Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

Good Afternoon,

I have attached the three SDSs for the frac fluid mixture used on this location. After reviewing these ourselves and consulting with a local lab, we have come up with a proposed sampling list. We will be collecting soil samples today and will analyze for the following with your approval:

Scaleblok – no listed chemicals.

Microbiocide – Glutaraldehyde, Ammonia, Chloride, pH, ethanol/methanol.

Hiflow – 8260, 8015 GRO/DRO/MRO

In addition we will include RCRA 8 metals.

Like I said, we will be pulling these samples today or tomorrow, and will be ready to run analysis for all of the above listed constituents unless we hear otherwise from you.

Thank you,

Heather Patterson  
*Project Scientist*



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**From:** Rose-Coss, Dylan H, EMNRD <[DylanH.Rose-Coss@state.nm.us](mailto:DylanH.Rose-Coss@state.nm.us)>

**Sent:** Thursday, May 9, 2019 10:27 AM

**To:** Karrigan, Callie N. (MRO) <[cnkarrigan@marathonoil.com](mailto:cnkarrigan@marathonoil.com)>; Jim Amos ([jamos@blm.gov](mailto:jamos@blm.gov)) <[jamos@blm.gov](mailto:jamos@blm.gov)>

**Cc:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>; Castro, Isaac (MRO) <[icastro@marathonoil.com](mailto:icastro@marathonoil.com)>

**Subject:** RE: Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

All,

The NMOCD tracking number for this event is **1RP-5468**.

Note: Because the oil field chemicals released in this instance are presumably not covered under in Table I of 19.15.29.12 NMAC, additional measures are required. In this case, please consult NMAC 19.15.29.11 (5) (e) (i) (ii) and (iii).

The code in 19.15.29.11 (5) (e) (iii) states:

“if the constituent is not identified in Items (i) or (ii) of Subparagraph (e) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC, **the division shall consult with the responsible party to determine appropriate remediation of the release.**

Therefore, in a subsequent correspondence please provide the NMOCD with a list of constituents found in the frack fluid spilled so that appropriate sampling and remediation efforts can be discussed.

Thanks,

**Dylan Rose-Coss**

*Environmental Scientist*  
Oil Conservation Division

1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

(505) 476-3488

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**From:** Karrigan, Callie N. (MRO) <[cnkarrigan@marathonoil.com](mailto:cnkarrigan@marathonoil.com)>  
**Sent:** Wednesday, May 8, 2019 7:38 PM  
**To:** EMNRD-OCD-District1spills <[EMNRD-OCD-District1spills@state.nm.us](mailto:EMNRD-OCD-District1spills@state.nm.us)>; Jim Amos ([jamos@blm.gov](mailto:jamos@blm.gov)) <[jamos@blm.gov](mailto:jamos@blm.gov)>  
**Cc:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>; Castro, Isaac (MRO) <[icastro@marathonoil.com](mailto:icastro@marathonoil.com)>  
**Subject:** [EXT] Marathon Oil Company - Initial C141 - Madera 25 Federal Com 5H

Good evening,

Please see the attached initial C141 and recovery ticket.

Thank you,

Callie

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**From:** Karrigan, Callie N. (MRO)  
**Sent:** Saturday, April 20, 2019 8:54 AM  
**To:** [emnrd-ocd-district1spills@state.nm.us](mailto:emnrd-ocd-district1spills@state.nm.us); Jim Amos ([jamos@blm.gov](mailto:jamos@blm.gov)) <[jamos@blm.gov](mailto:jamos@blm.gov)>  
**Cc:** Heather Patterson <[heather.patterson@soudermiller.com](mailto:heather.patterson@soudermiller.com)>; Castro, Isaac (MRO) <[icastro@marathonoil.com](mailto:icastro@marathonoil.com)>; Rig Drilling HES LEAD, Permian (MRO) <[permianandches@marathonoil.com](mailto:permianandches@marathonoil.com)>  
**Subject:** Marathon Oil Company - 24 hour notification - Madera 25 Federal Com 5H

Good morning,

During stage fracturing operations, a 4" transfer hose ruptured allowing approximately 17.81 bbls of frac fluid to be released to the well location. The release remained on location. Standing fluids are being recovered.

A C141 will be submitted next week.

Thank you,

*Callie Karrigan*  
HES Professional – Environmental  
Office: 575-297-0956  
Cell: 405-202-1028