

From: [Yu, Olivia, EMNRD](#)
To: [Gram, Wendy W. \(MRO\)](#)
Cc: [Billings, Bradford, EMNRD](#)
Subject: RE: [External] RE: WP_Marathon_Warren State #1_07182017 w WG comments
Date: Friday, September 1, 2017 2:59:00 PM
Attachments: image001.png

Dear Ms. Gram:

Please address these concerns regarding the delineation workplan for 1RP-4732 and 1RP-4738.

1. There are no proposed sample locations within the release area on Figure 2. What is the rationale?
2. Due to the presence of a NMOSE water well within 1000 ft. of the release area and based GPS coordinates from the tank battery, the average depth to groundwater is revised to 41 ft. bgs. Please be advised that a temporary monitoring well may be required.
3. Permissible delineation chloride values for releases < 50 ft. to groundwater is 250 mg/kg. For complete vertical delineation, permissible chloride levels must be maintained for 10 ft. further in depth with a depth interval no greater than 5 ft. In other words, laboratory analyses must be provided for a minimum of 3 depths: the first depth obtained permissible chloride levels, 5 ft., and 10 ft. further in depth. A minimum of 10 ft. above the water table must be maintained; otherwise, a temporary monitoring well will be required.
4. To complete horizontal delineation, permissible chloride level in laboratory analyses is ≤ 600 mg/kg. Sample locations should be ≤ 50 ft. apart and representative of the release area.
5. Permissible values for Benzene (10 mg/kg), total BTEX (50 mg/kg), and TPH extended (100 mg/kg). These levels must be maintained for a minimum of 2 ft. further in depth.
6. Provide all relevant field analytical data along with laboratory chain of command documentation.

Please confirm and inform if clarification is required.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
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.

From: Gram, Wendy W. (MRO) [mailto:wwgram@marathonoil.com]

Sent: Tuesday, August 8, 2017 7:29 AM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Subject: FW: [External] RE: WP_Marathon_Warren State #1_07182017 w WG comments

Ms. Yu, attached please find the work plan for the Warren State #1 well. The formal incident investigation is occurring in the field this week, so hopefully I will have the information on root cause and corrective action soon.

From: Melson, Colin [<mailto:Colin.Melson@arcadis.com>]
Sent: Monday, July 31, 2017 2:00 PM
To: Gram, Wendy W. (MRO) <wwgram@marathonoil.com>
Subject: [External] RE: WP_Marathon_Warren State #1_07182017 w WG comments

Beware of links/attachments.

Hey Wendy,

The revised work plan for the Warren State #1 Well is attached. We'll send out to NMOCD if there are no other comments. Give me a call/email if you have any questions.

Thanks,

Colin Melson, P.G. | Senior Geologist | colin.melson@arcadis.com

Arcadis | 10205 Westheimer, Suite 800, Houston, TX 77042
T. 713 953 4718 | M. 713 303 9316

Professional Geoscientist, Texas #11430

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Be green, leave it on the screen.

From: Gram, Wendy W. (MRO) [<mailto:wwgram@marathonoil.com>]
Sent: Thursday, July 27, 2017 2:34 PM
To: Melson, Colin <Colin.Melson@arcadis.com>
Subject: WP_Marathon_Warren State #1_07182017 w WG comments

Here's the document. Let me know if you have any questions.

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