

From: [Hernandez, Christina, EMNRD](#)
To: ["Karrigan, Callie N. \(MRO\)"; Mann, Ryan; Yu, Olivia, EMNRD](#)
Cc: [Dhugal Hanton](#)
Subject: RE: 1RP-5094 Work Plan
Date: Monday, November 5, 2018 10:50:00 AM
Attachments: [CorrectNighthawk State Com 3H 1RP-5094 Remediation Plan.pdf](#)

Ms. Karrigan:

Please be aware that the initial work plan submitted on September 17, 2018 corresponds with **1RP-5004** not **1RP-5094**. In the future, please inform NMOCD when incorrect documentation is submitted. Please address **1RP-5004** as outlined in the email sent to you by Ms. Yu on September 28, 2018.

As only one sample location was taken with in the release please clarify:

- Will the entire release outline will be excavated to 4' bgs?
- Will liner be used throughout the entire excavation?
- Was the sampling that took place at BH18-01 0' on May 30, 2018 before the saturated soil on the surface were removed and disposed?

In the interests of resolving **1RP-5094**, NMOCD approves the proposed remediation plan as outlined October 31, 2018 with the following conditions:

- Confirmation bottom and sidewall samples are required and must be taken within the excavation.
- Utilization of liner is approved.
- Provide dated photo documentation of the remedial activities, including the proper emplacement of the liner.
- Submit scaled map with the confirmation sample locations in relation to the delineation sample points. Scaled map should also show where liner was used.

Thanks,
Christina Hernandez
EMNRD-OCD
Environmental Specialist
1625 N. French Drive
Hobbs, NM 88240
575-393-6161 x111
Christina.Hernandez@state.nm.us

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: Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>
Sent: Wednesday, October 31, 2018 3:35 PM
To: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: Dhugal Hanton <DHanton@vertex.ca>
Subject: [EXT] RE: 1RP-5094 Work Plan

Christina,

Please see the updated work plan for 1RP-5094. The C141 was updated as well as the site schematic to reflect 1RP-5094.

Thank you,

Callie

From: Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Sent: Monday, October 22, 2018 2:15 PM
To: Mann, Ryan <rmann@slo.state.nm.us>; Karrigan, Callie N. (MRO) <cnkarrigan@marathonoil.com>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: Dhugal Hanton <DHanton@vertex.ca>
Subject: [External] RE: 1RP-5094 Work Plan

Beware of links/attachments.

Dear Ms. Karrigan:

Please be aware that:

1. The depth data in Table 1 does not match the data presented in Figure 1. JUL 24/18.
2. The RRAL's (NMOCD Environmental Quality Guidelines) are inconsistent throughout the report.
3. The incorrect C-141 incident form was included in the report. The correct form is for the incident that occurred on 5/30/2018.
4. Utilization of liners now necessitates a variance submission that must include justification and/or demonstrations that the proposed variance will afford reasonable protection against contamination of fresh water, human health and the environment.
5. The appropriate revised C-141 form must be included when requisites are submitted. The revised C-141 form is available at:
<http://www.emnrd.state.nm.us/OCD/forms.html>

In the interests of resolving **1RP-5094**, NMOCD approves the proposed remediation plan as outlined on September 17, 2018 with the following conditions :

- Provide both bottom and sidewall confirmation samples at no greater than 50 ft. intervals.
- Please be advised to excavate further at BH18-01 until permissible chloride levels are reached or submit a variance requesting to utilize a liner.
- Submit dated photo documentation of the remedial activities, including placement of liner if one is used.
- Submit scaled map with the confirmation sample locations in relation to the delineation sample points and indicate location of release point.

Please inform if clarification is needed.

Thanks,
Christina Hernandez
EMNRD-OCD
Environmental Specialist
1625 N. French Drive
Hobbs, NM 88240
575-393-6161 x111
Christina.Hernandez@state.nm.us

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: Mann, Ryan <rmann@slo.state.nm.us>
Sent: Friday, October 19, 2018 2:31 PM
To: 'Karrigan, Callie N. (MRO)' <cnkarrigan@marathonoil.com>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>
Cc: Dhugal Hanton <DHanton@vertex.ca>
Subject: [EXT] RE: 1RP-5094 Work Plan

NMSLO approves of the plan with the following conditions: 1) Confirmation samples are taken in area that are not lined 2) The northern off pad portion is backfilled with top soil similar to the surrounding area, not caliche; and revegetated at the appropriate time.

Let me know if you have any questions.

Ryan Mann
Remediation Specialist
Field Operation Division
(575) 392-3697
(505) 699-1989
New Mexico State Land Office
2827 N. Dal Paso Suite 117
Hobbs, NM 88240

From: Karrigan, Callie N. (MRO) [<mailto:cnkarrigan@marathonoil.com>]
Sent: Monday, September 17, 2018 12:54 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Hernandez, Christina, EMNRD <Christina.Hernandez@state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>
Cc: Dhugal Hanton <DHanton@vertex.ca>
Subject: 1RP-5094 Work Plan

Good afternoon,

Please see the attached work plan for 1RP-5094.

Thank you,

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

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