

From: Bratcher, Mike, EMNRD
To: ["Crissy Forrest"](#)
Cc: [Gayle Kirkland](#); [Patterson, Heather, EMNRD](#)
Subject: RE: Salt Draw No. 1 2RP-1791
Date: Thursday, August 06, 2015 8:21:00 AM

Crissy,

Samples need to be run for TPH (8015 M extended GRO, DRO, MRO), 8021 for BTEX, and then chloride content. Hopefully we will find a clean bottom before encountering ground water, but if during the sample operation, ground water is encountered, contact me and an OCD hydrologist will be consulted for any groundwater investigation. There will be some specific requirements for installing ground water monitor/investigation wells, but the hydrologist will be consulted for making those determinations.

Thanks,

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Crissy Forrest [mailto:forrest@sphere3env.com]
Sent: Monday, July 27, 2015 7:29 AM
To: Bratcher, Mike, EMNRD
Cc: Gayle Kirkland
Subject: FW: Salt Draw No. 1 2RP-1791

Mike,

Have you had a chance to review this email? Also, does New Mexico have any guidance regarding the installation and development of temporary monitoring wells?

Thank you!!

Crissy

From: Crissy Forrest
Sent: Friday, July 17, 2015 3:15 PM
To: 'Bratcher, Mike, EMNRD'
Subject: RE: Salt Draw No. 1 2RP-1791

Mike,

I am working on putting together a plan for the additional sampling requests. What analytical would you like to see on the soil samples and the possible groundwater samples?

Thank you!

Crissy

From: Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]
Sent: Wednesday, July 08, 2015 12:04 PM
To: Crissy Forrest
Subject: RE: Salt Draw No. 1 2RP-1791

Crissy,

I attempted to outline OCD's concerns in my response to your remediation proposal. It may help to review that document. Basically, based on the site ranking criteria, Recommended Remediation Action Level (RRAL) for hydrocarbons is 100 mg/kg. The majority of sample points inside the dashed line on your Site Plan plat do not show a delineation to that RRAL. OCD is especially concerned with the area inside the bermed tank battery area and just outside the bermed tank battery area. As we discussed, GB7 and GB8 have sample depths to 16' with TPH levels over 6000 mg/kg. Some of the other areas may be a concern also, depending on what a full delineation in the area of the battery shows. If ground water exists at 40' under this site, OCD is obligated to insure protectable ground water is not impaired by produced fluid releases. Unfortunately, available ground water depth data is not always accurate for a specific site, so at some point, Matador may elect (or OCD may require) a monitor well be installed to accurately determine ground water depth. At this point, I would think performing the delineation would be the first step. If you are able to commence work on the pit area, and even perform the 4' removal for bioremediation, OCD is fine with that to get the project started. Just keep in mind that the delineation requested is going to require a rig of some sort. You may be able to construct a ramp into the excavation, but that decision will be up to Matador and Sphere 3. Safety, and in this case, accessibility is the responsibility of the operator and contractor.

If you have any questions, let me know.

Mike Bratcher
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From: Crissy Forrest [<mailto:forrest@sphere3env.com>]
Sent: Tuesday, July 07, 2015 3:28 PM
To: Bratcher, Mike, EMNRD

Subject: Salt Draw No. 1 2RP-1791

Mike,

Can you send me an email summarizing our phone conversations with the details of the additional sampling your requested. I want to make sure I rely the details correctly.

Thank you,

Crissy Forrest

Water Rights Discipline Leader
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