

From: [Yu, Olivia, EMNRD](#)
To: ["Mann, Ryan"; "James Fox"; Naranjo, Mark](#)
Cc: [Dena; Phillip Sanders \(psanders@oilfieldwaterlogistics.com\); Heather Leven](#)
Subject: RE: Spill Delineation and Remediation Plan- 1RP 4820 Version 2.0 - Bioremediation
Date: Tuesday, June 5, 2018 1:36:00 PM

Mr. Fox:

NMOCD agrees with NMSLO regarding the revised remediation proposal for 1RP-4820. Please address these additional concerns along with NMSLO's.

1. Provide the MSDS for the product in reference.
2. Where is the source of the freshwater? Please be advised that many sources of freshwater are above 600 mg/kg chlorides.
3. How will the water be stored for usage? If the proposed process will be implemented during summer, how will evapotranspiration be accounted for in order to maintain the soil moisture range for effectiveness?

Thanks,
Olivia

From: Mann, Ryan <rmann@slo.state.nm.us>
Sent: Wednesday, May 16, 2018 10:58 AM
To: 'James Fox' <james@kjenvironmental.com>; Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>; Naranjo, Mark <MNaranjo@slo.state.nm.us>
Cc: Dena <dena@kjenvironmental.com>; Phillip Sanders (psanders@oilfieldwaterlogistics.com) <psanders@oilfieldwaterlogistics.com>; Heather Leven <heather@kjenvironmental.com>
Subject: RE: Spill Delineation and Remediation Plan- 1RP 4820 Version 2.0 - Bioremediation

Mr. Fox,

I have reviewed the submission and have some questions:

1. I am not familiar with OrganaMax. It seems to be something similar to a probiotic soil amendment. How does this address the chloride contamination? Will this push the chlorides lower in the soil profile or is there some other mechanism in play? Perhaps there is an easy answer, I'm just not familiar with this product.
2. Can you provide a map of the location of the infiltration points? Appendix A contains the soil bore locations, but no information regarding the locations where the organamax is to be applied.
3. It is unclear to me where revegetation is proposed to occur. Provide a map that clearly labels where reveg is proposed. The report mentions "vegetative growth restriction imposed by pipeline owner" Is this referring the OWL pipeline that leaked or the gas line to the south? Who is the pipeline owner that restricted revegetation? Looking at the provided photo the site had nicely vegetated prior to the release.

Feel free to contact me if you would like to discuss this further. I look forward to your responses to these questions.

Thanks

Ryan Mann
Remediation Specialist
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From: James Fox [<mailto:james@kjenvironmental.com>]
Sent: Tuesday, May 15, 2018 1:47 PM
To: Olivia.Yu@state.nm.us; Naranjo, Mark <MNaranjo@slo.state.nm.us>; Mann, Ryan <rmann@slo.state.nm.us>
Cc: Dena <dena@kjenvironmental.com>; Phillip Sanders (psanders@oilfieldwaterlogistics.com) <psanders@oilfieldwaterlogistics.com>; Heather Leven <heather@kjenvironmental.com>
Subject: Spill Delineation and Remediation Plan- 1RP 4820 Version 2.0 - Bioremediation

Good afternoon Ms. Yu and Mr. Naranjo,

Please find attached Spill Delineation and Remediation Plan- 1RP 4820 Version 2.0 – Bioremediation for your review. Please let us know if you have any questions. Thank you!



JAMES FOX, CNRP
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