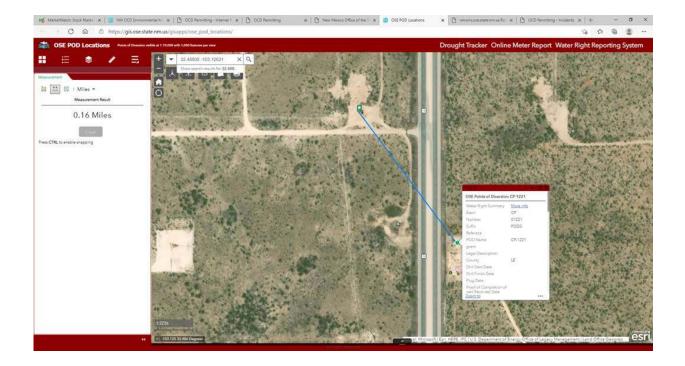
From:	Hamlet, Robert, EMNRD
To:	"Baker, Larry"
Cc:	Bratcher, Mike, EMNRD; Eads, Cristina, EMNRD
Subject:	RE: Remediation Denied - Apache - EBDU 22 - (Incident #NRM2017549520)
Date:	Tuesday, February 9, 2021 1:26:00 PM

Larry,

The OSE site includes this particular well (CP 01221), our NM OCD Environmental Map does not. It looks like we need an update to our Map. We should be able to approve the remediation plan for chlorides under 10,000 mg/kg. I will go back and approve the plan and image it into the incident file.

The ½ mile and 25 year instructions come from a Spill Rule Clarification Document that has been put on the OCD website.

IX. DETERMINING DEPTH TO GROUNDWATER: a. The remediation levels provided in Table I are largely dependent upon depth to groundwater. As such, the OCD focuses upon depth to water estimation. 19.15.11(A)(2) NMAC allows for various means of determining depth to groundwater. If nearby wells are used, it is preferable if they are situated within ½-mile of the release, the water level information is no more than 25 years old, and well construction information is provided. If the water level information does not meet these criteria, the OCD may require boring to a limited depth for verification. If the operator has applicable information which does not meet the above preference, we will review it on a case by case basis to determine if it is acceptable.



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## Thank you for the notification!

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



From: Baker, Larry <Larry.Baker@apachecorp.com> Sent: Tuesday, February 9, 2021 11:07 AM To: Hamlet, Robert, EMNRD <Robert.Hamlet@state.nm.us> Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Eads, Cristina, EMNRD <Cristina.Eads@state.nm.us> Subject: [EXT] RE: Remediation Denied - Apache - EBDU 22 - (Incident #NRM2017549520)

Mr. Hamlet,

Although the rule does not state a minimum radius or age of a well when determining groundwater depth. In this case however well CP 01221 was drilled to a depth of 60 feet and meets both the requirements stated below. Apache Corporation respectfully request that OCD reconsider the denial of the remediation plan. Please let me know if you have any questions or wish to discuss. Thanks and have a good day.

BRUCE BAKER ENVIRONMENTAL TECHNICIAN SR direct 575-393-7106 ext 1523 | Cell 432-631-6982 APACHE CORPORATION 2350 W. MARLAND BLVD HOBBS , NM 88240 ApacheCorp.com | LinkedIn | Eacebook | Twitter | StockTwits | YouTube

 From: Hamlet, Robert, EMNRD [mailto:Robert.Hamlet@state.nm.us]

 Sent: Tuesday, February 09, 2021 11:38 AM

 To: Baker, Larry <<u>Larry.Baker@apachecorp.com</u>>

 Cc: Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>>; Eads, Cristina, EMNRD <<u>Cristina.Eads@state.nm.us</u>>;

Subject: [EXTERNAL] Remediation Denied - Apache - EBDU 22 - (Incident #NRM2017549520)

## Larry,

We have received your closure report and final C-141 for Incident #NRM2017549520 EBDU 22, thank you. This closure is denied.

• When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site, and data should be no more than 25 years old, and well construction information should be provided. If evidence of depth to ground water within a ½ mile radius of the site cannot be provided, impacted

soils will need to meet Table 1 Closure Criteria for ground water at a depth of 50 feet or less.

If you feel the depth to groundwater is >50', a shallow borehole can be drilled to 51' allowing for verification of the depth. If water is not visible after reaching bottom-hole and waiting 72 hours, the OCD will accept this as evidence. We would just need a copy of the driller's log.

Please let me know if you have any further questions.

Regards,

Robert Hamlet • Environmental Specialist - Advanced Environmental Bureau EMNRD - Oil Conservation Division 811 S. First Street | Artesia, NM 88210 575.909.0302 | robert.hamlet@state.nm.us http://www.emnrd.state.nm.us/OCD/



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