

From: [Kristin Pope](#)
To: [Bratcher, Mike, EMNRD](#)
Cc: [Patterson, Heather, EMNRD](#); ["Greg Boans"](#); ["Chace Walls"](#); ["Randy Hicks"](#); [Griswold, Jim, EMNRD](#)
Subject: RE: Hackberry State 1 Release
Date: Friday, August 22, 2014 3:23:29 PM
Attachments: [Hackberry_Fig.pdf](#)
[LAB Delineation_07.29.14.pdf](#)

Mr. Bratcher:

On behalf of Murchison, please find the attached figure showing the chloride delineation results of the Hackberry #1 release and the laboratory report. We used the largest pooling area, sample point #1, as our baseline and all lateral measurements are from #1.

Kristin Pope
R.T. Hicks Consultants
Carlsbad Field Office
575.302.6755

From: Kristin Pope [mailto:kristin@rthicksconsult.com]
Sent: Monday, July 28, 2014 7:34 AM
To: 'Bratcher, Mike, EMNRD'
Cc: 'Patterson, Heather, EMNRD'; 'Greg Boans'; 'Chace Walls'; 'Randy Hicks'; 'Griswold, Jim, EMNRD'
Subject: RE: Hackberry State 1 Release

Mr. Bratcher,

Delineation of this release will be conducted on Wednesday, July 30, 2014 beginning around 8am. A backhoe will be used to collect samples under the direction of R.T. Hicks Consultants. Please contact me with any questions about this event. Thanks.

Kristin Pope
R.T. Hicks Consultants
Carlsbad Field Office
575.302.6755

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Wednesday, July 16, 2014 9:09 AM
To: Kristin Pope
Cc: Patterson, Heather, EMNRD; Greg Boans; Chace Walls; Randy Hicks; Griswold, Jim, EMNRD
Subject: RE: Hackberry State 1 Release

Ms. Pope,

OCD will require a complete vertical and horizontal delineation of the site utilizing conventional methods, ie, obtaining representative samples from all impacted areas and having those samples

analyzed at an OCD approved lab. The delineation process is to commence not later than July 31, 2014 and continue until the delineation is complete. OCD is to be notified 48 hours prior to commencement of the delineation process. The results of the lab analyses are to be provided to OCD upon completion by the lab. This should be accomplished, and OCD should have the analytical data, not later than August 22, 2014. Murchison may then have until September 15, 2014 to submit a proposal for remediation of the site. This provides for the 60 day extension as requested, and provides OCD with the required data. OCD will not consider any type of risk-based closure for the site without the delineation data.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
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From: Kristin Pope [<mailto:kristin@rthicksconsult.com>]
Sent: Tuesday, July 15, 2014 12:55 PM
To: Bratcher, Mike, EMNRD
Cc: Patterson, Heather, EMNRD; Greg Boans; Chace Walls; Randy Hicks
Subject: RE: Hackberry State 1 Release

Mr. Bratcher,

On behalf of Murchison, we respectfully request a 60-day extension to submit a proposed plan. We are in the process of working with BLM to develop a protocol for a similar situation. We hope to apply this protocol to all facilities to satisfy NMOCD, SLO, and BLM and 60 more days should give us enough time to finalize this plan.

Depth to groundwater is approximately 450 ft with the nearest well a bit more than a mile away from the Hackberry State #1. The release was confined to the location. We believe an extension of 60 days will not endanger freshwater, public health, or the environment. We appreciate your consideration of this request. Thank you.

Kristin Pope
R.T. Hicks Consultants
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575.302.6755

From: Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]
Sent: Tuesday, June 17, 2014 9:10 AM
To: Greg Boans; 'Kristin Pope' (kristin@rthicksconsult.com)
Cc: Patterson, Heather, EMNRD

Subject: Hackberry State 1 Release

RE: Murchison O&G * Hackberry St. 001 * 30-015-34803 * O-17-18s-23e * Eddy County, New Mexico

155 bbl net produced water release on 5/19/2014

Mr. Boans,

NMOCD is in receipt of an Initial Report form C-141 for the above referenced produced fluid release. The C-141 will not be approved as submitted. It will be accepted for record and entered into OCD database, showing as an open non-compliance issue. OCD will require Murchison to perform a vertical and horizontal delineation of the site, and submit a remediation proposal based on the delineation results and site ranking. The form C-141 will be processed today, June 17, 2014. Murchison will have 30 days to complete the delineation and submit a proposal.

If you have any questions or concerns, please contact me.

Mike Bratcher
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