

From: [Weaver, Crystal, EMNRD](#)
To: ["Raley, Jim"; Bratcher, Mike, EMNRD](#)
Cc: ["Tucker, Shelly"; "Blaney, Karolina"](#)
Subject: RE: WPX/RKI RDU 45
Date: Friday, April 20, 2018 12:30:00 PM
Attachments: [image001.png](#)

Goodness one other thing, S-1 was never finished being delineated vertically still so that will need to happen.

From: Weaver, Crystal, EMNRD
Sent: Friday, April 20, 2018 12:00 PM
To: 'Raley, Jim' <James.Raley@wpxenergy.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'Tucker, Shelly' <stucker@blm.gov>; 'Blaney, Karolina' <Karolina.Blaney@wpxenergy.com>
Subject: RE: WPX/RKI RDU 45

Sorry I meant to say east side of S-1 not west.

From: Weaver, Crystal, EMNRD
Sent: Friday, April 20, 2018 11:54 AM
To: 'Raley, Jim' <James.Raley@wpxenergy.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Tucker, Shelly <stucker@blm.gov>; Blaney, Karolina <Karolina.Blaney@wpxenergy.com>
Subject: RE: WPX/RKI RDU 45

RE: WPX * RDU 45 Well Pad * 30-015-42018 * 2RP-4519

Hello all,

First off thank you for getting additional sample points on this one like was requested back in my email from 1/26/18. However, I wanted to take the opportunity to clarify what I am trying to request when I communicated that request. The spill plume for this release travels in a somewhat rather narrow path but stretches along across a large portion of the pad. When OCD asks for representative samples of the spill plume area what we are asking for is samples spaced out throughout the extent of the spill outline. WPX is usually going to be left to their better judgment on how far the spacing needs to be between each sample point rationalizing based on site characteristics, site ranking, and volume lost, but samples need to spread throughout the release footprint. I do want to say that you all do seem to have the concept down pretty well on the cardinal directions thing that the COA mentions where you define the extent/edges of the spill using data. Only critique on that might be that you all could bring your edge samples in tighter to the spill outline.

Other than that the sampling delineation vertical intervals are good and we appreciate how you pretty often continue to check for all asked for contaminants as you move down vertically.

Side wall and bottom hole laboratory confirmation samples will be required around the area of S-1

and BH18-5. Also to touch on what I was saying above OCD would need to see at least two more sample points done along inside the spill plume on the **west side of S-1** that represent the rest of the spill plume that did not get any sampling within it (which based on what is stated in the written portion of this work plan I believe you all offer to do that).

With those additions and clarifications this work plan is approved.

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.

If you have any questions or concerns, and for notification, please contact Mike Bratcher and/or myself in the District II Office.

Crystal Weaver

Environmental Specialist
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811 S. 1st Street
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Office: 575-748-1283 ext. 101
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From: Raley, Jim <James.Raley@wpxenergy.com>
Sent: Friday, March 9, 2018 11:15 AM
To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Tucker, Shelly <stucker@blm.gov>; Blaney, Karolina <Karolina.Blaney@wpxenergy.com>
Subject: WPX/RKI RDU 45

RE: WPX * RDU 45 Well Pad * 30-015-42018 * 2RP-4519

Please find attached workplan for this incident.

Jim Raley | Environmental Specialist - Permian Basin
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