

From: [Yu, Olivia, EMNRD](#)
To: "Sarah Johnson"
Cc: kyle@pogoresources.com; [Mark Larson](#)
Subject: RE: 1RP-4617 Delineation Plan for Langlie Jal Unit #32
Date: Tuesday, October 3, 2017 10:39:00 AM
Attachments: approved_1RP-4617- Delineation Plan, Pogo Oil & Gas Operating, LLC, Langlie Jalpdf

Ms. Johnson:

Thank you for the information. NMOCD approves of the proposed delineation plan for 1RP-4617. At a minimum, laboratory analyses (BTEX, TPH extended, and chlorides) must reflect depths at which permissible levels were obtained and maintained for a minimum of 10 ft. further in depth. Permissible chloride levels are 600 mg/kg. Please see attachment for your records.

Thanks,

Olivia Yu
Environmental Specialist
NMOCD, District I
Olivia.yu@state.nm.us
575-393-6161 x113

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.

From: Sarah Johnson [mailto:SJohnson@laenvironmental.com]
Sent: Wednesday, September 27, 2017 4:05 PM
To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>
Cc: kyle@pogoresources.com; [Mark Larson <Mark@laenvironmental.com>](mailto:Mark@laenvironmental.com)
Subject: RE: 1RP-4617 Delineation Plan for Langlie Jal Unit #32

Dear Ms. Yu,

Question 1: Provide documentation of the surface water body < 200 ft. in lateral distance

Response: The focused aerial map (Figure 2a) shows the Site location within and near the west edge of the seasonal playa. The distance used for "Distance to Surface Water Body" was the closest criteria (<200 horizontal feet) as presented in OCD "Guidelines for Remediation of Leaks, Spills and Releases, August 13, 1993". Figure 2b presents the spill area near the west edge of the seasonal playa

Question: Demarcate on a scaled map, the location of the freshwater well

Response: The freshwater well is reported as located in Unit H (SE/4, NE/4), Section 31 (not Section 32), Township 24 South, Range 37 East, as plotted on the attached Figure 1 (Topographic Map). The well is reportedly located about 2,800 feet northeast of the Site. The GPS coordinates are N32.1740277° and W-102.1952413° according to available records. The last depth-to-groundwater measurement for this well was 73.53 feet on May 22, 1991.

Please contact Kyle Townsend with Pogo at (214) 420-9817 or kyle@pogoresources.com or me if you have questions.

Respectfully,

Sarah Johnson
Staff Geologist
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-664-5357
Fax – 432-687-0456
sjohnson@laenvironmental.com



From: Yu, Olivia, EMNRD [<mailto:Olivia.Yu@state.nm.us>]
Sent: Monday, September 18, 2017 4:18 PM
To: Sarah Johnson; stucker@blm.gov
Cc: kyle@pogoresources.com; Mark Larson
Subject: RE: 1RP-4617 Delineation Plan for Langlie Jal Unit #32

Dear Ms. Johnson:

Please address these concerns regarding 1RP-4617:

1. Provide documentation of the surface water body < 200 ft. in lateral distance.
2. Demarcate on a scaled map, the location of the freshwater well.

Thanks,
Olivia

From: Sarah Johnson [<mailto:SJohnson@laenvironmental.com>]
Sent: Thursday, September 7, 2017 11:39 AM

To: Yu, Olivia, EMNRD <Olivia.Yu@state.nm.us>

Cc: kyle@pogoresources.com; Mark Larson <Mark@laenvironmental.com>

Subject: 1RP-4617 Delineation Plan for Langlie Jal Unit #32 and 1RP-4161 Delineation Plan for Langlie Jal Unit #39

Dear Ms. Yu,

Larson & Associates, Inc. (LAI), on behalf of Pogo Oil & Gas Operating, Inc. (Pogo), submits the attached delineation plans for spills at the Langlie Jal Unit #32 (1RP-4617) and Langlie Jal Unit #39 (1RP-4161) in Lea County, New Mexico. Your approval of the delineation plans is requested. Please contact Kyle Townsend with Pogo at (214) 420-9817 or kyle@pogoresources.com or me if you have questions.

Respectfully,

Sarah Johnson
Staff Geologist
507 N. Marienfeld St., Suite 205
Midland, Texas 79701
Office – 432-687-0901
Cell – 432-664-5354
Fax – 432-687-0456
sjohnson@laenvironmental.com

