

From: Mike Stubblefield
To: [Patterson, Heather, EMNRD](#)
Cc: [Bratcher, Mike, EMNRD](#); "[Michael Barrett](#)"; "[Jerry Smith](#)"; "[Randall Hicks](#)"
Subject: Lime Rock Resources ASAU Trunk line release
Date: Monday, October 17, 2016 2:50:07 PM
Attachments: ASAU Truck line release analytical report from Cardinal.pdf
ASAU Trunk line analytical from Cardinal Lab second report for excavation.pdf
ASAU Trunk line release site diagram.pdf

Dear Ms. Heather Patterson and Mr. Mike Bratcher,

As requested R.T. Hicks Consultants is sending the analytical testing results for Lime Rock Resources ASAU Truck line release. When the impacted area from the release was initially excavated with removed material being hauled to Lea Land LLC, the production flow line which was located 3-feet below ground surface was repaired and the source of the release stopped, during excavation on the impacted material from the release historic material from a previous release was discovered. On 9/21/16 the excavation and transport of the impacted material from the release was completed. The bottom of the excavated area located on the north side of the flow line was to 10-feet bgs, a trench was then constructed in the bottom of the excavation and soil samples were collected from 15-feet bgs. The bottom of the excavation located on the south side of the flow line was to 6-feet bgs. The side walls of the excavation were extended after the initial soil sampling event and confirmation soil samples were collected for analytical testing, the analytical results are attached to this email. Due to TPH and BTEX being reported as being above the RRAL for the site on the bottom of the excavation at 10-feet bgs and at 15-feet bgs, Lime rock elected to backfill the excavation to 4-feet bgs with clean soil and then place a 20 Mil. Liner into the excavated area before backfilling the excavation to surface.

On 10/19/16 a split spoon auger rig will be onsite at 8:00 am to further delineate the impacted material located on the north side of the flow line. When analytical results for soil samples are received from laboratories a Remediation work plan will be submitted to NMOCD for the ASAU Truck line release. Please contact me if further information is required.

Mike Stubblefield
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