

Bratcher, Mike, EMNRD

From: Mike Stubblefield <mike@rthicksconsult.com>
Sent: Wednesday, November 16, 2016 12:45 PM
To: Patterson, Heather, EMNRD
Cc: Bratcher, Mike, EMNRD; 'Michael Barrett'; 'Jerry Smith'; 'Randall Hicks'
Subject: Analytical testing results for Lime Rock Resources ASAU 149 Trunk line release from Cardinal Lab
Attachments: ASAU 149 release analytical testing results from Cardinal lab.pdf

Dear Heather Patterson & Mike Bratcher,

R.T. Hicks Consultants is sending the analytical testing results for soil samples collected on 11/2/16 from the excavated area located at ASAU 149 Trunk line release. The soil sample labeled **S-13 east wall -11' below ground surface (bgs)** was collected as requested by Mike Bratcher who was present during the sampling event, the soil sample **S-13 east wall -11' bgs** was collected from a visible stained area which was located -11' bgs on the east wall of excavation, Cardinal laboratories reported analytical testing results for **S-13 east wall -11' bgs** Cl. - 429 mg/kg, benzene-<0.050 mg/kg, BTEX-<0.300 mg/kg, GRO-<10.0 mg/kg, DRO-<10.0 mg/kg.

On 11/2/16 additional excavation actions were completed on the north wall of the excavation which is located near the high pressure dcp below grade gas line. Analytical testing results reported **S-17 N. wall** Cl.- 48 mg/kg.

The samples labeled **S-12 B. -15' S. dcp P.L.**, **S-14 B. -14' N. dcp P.L.**, **S-15 B. -14' N. dcp P.L.** were collected from the bottom of the excavation on the north and south side of the dcp low pressure line which is located in the middle of the excavated area at the ASAU 149 Trunk line release site. Cardinal Laboratories reported the chloride in **S-12 B. -15 bgs** Cl.-320 mg/kg, **S-14 B. -14' N. dcp P/L** Cl.-992 mg/kg, **S-15 B. -14' N. dcp P/L** Cl.-1680. A trench was excavated to 1-foot below the bottom of the excavated area on the north side of the dcp P/L, the soil sample labeled **S-16 B. -15' N. dcp P/L** reported Cl.-800 mg/kg.

Removed impacted material from the ASAU 149 Trunk line excavated area have been transported to and NMOCD approved landfill for disposal.

R.T. Hicks is constructing a combined **Remediation/Closure report** for the ASAU 149 Trunk line release which will be submitted to NMOCD.

Please contact me if further information is required for the ASAU 149 Trunk line release.

Sincerely,

Mike Stubblefield
R.T. Hicks Consultants
575-365-5034