

Bratcher, Mike, EMNRD

From: Crissy Forrest <forrest@sphere3env.com>
Sent: Thursday, February 04, 2016 11:39 AM
To: Bratcher, Mike, EMNRD
Cc: Casey Snow (csnow@matadorresources.com); Gayle Kirkland; Patterson, Heather, EMNRD
Subject: Matador Prod * Salt Draw 11 Fed Com 1 * 30-015-23692
Attachments: Salt Draw No 1 Spill Site Plan - Remediation (TB Excavation).pdf

RE: Matador Prod * Salt Draw 11 Fed Com 1 * 30-015-23692
2RP-1791 * Date of release: 7/3/2013

Good afternoon Mike,

Below is an outline of our plan for remediation and summary of preformed activities at the Salt Draw No. 1. The spill excavation will be concentrated within the tank battery area as discussed during the site visit on February 3, 2016.

Preformed activities

- 1) The top two feet of chloride contaminated soils on the legacy pit have been removed and disposed.
- 2) A plastic liner was installed over the legacy pit prior to using clean caliche to partial back fill the legacy pit area.
- 3) The tank battery area has been excavated to 5 feet below ground surface (bgs).
- 4) Contaminated soils south and southwest of the tank battery have been excavated to 4 feet bgs.
- 5) The TPH contaminated soils excavated from the spill area have been stock piled and covered on the legacy pit area.
- 6) Clean caliche has been stocked pile onsite for backfill of the spill area.
- 7) Two samples were collected in the middle of the tank battery at B36, at 6 feet bgs and 7 feet bgs. Results indicated elevated BTEX and TPH concentrations.
- 8) The spill area excavation has been fenced.

Proposed activities

- 1) Additional excavation within the tank battery to 10 feet bgs with a three foot safety buffer.
- 2) PID screening of soils at 11 bgs will be conducted. If PID readings indicate a low enough vapor concentration, approximately below 450 ppm, a sample will be collect. Should PID readings indicate a high vapor concentration, approximately greater than 450 ppm, the tank battery will be excavated to a depth of readings below approximately 450 ppm.
- 3) As soon as PID readings are acceptable a sample will be collected and analyzed for gasoline range organics/diesel range organics (DRO/GRO), and benzene, toluene, ethylbenzene, and total xylenes (BTEX).
- 4) Results will be submitted to the NMOCD for review prior to back fill of the spill excavation.
- 5) All additional TPH contaminated soils excavated at the tank battery will be added to the stock pile on the legacy pit, covered and stored until temperature increase enough for bioremediation to be effective.
- 6) After bioremediation confirmation samples will be collected and submitted to NMOCD for review prior to spreading the soils over the legacy pit and seeded.

Attached is a map of the proposed tank battery excavation area and pipeline safety buffer. Please let me know if we are approved to continue with the above plan of action.

Crissy Forrest

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