

Bratcher, Mike, EMNRD

From: Crissy Forrest <forrest@sphere3env.com>
Sent: Tuesday, November 10, 2015 6:40 AM
To: Tucker, Shelly; Bratcher, Mike, EMNRD
Cc: Casey Snow (csnow@matadorresources.com); Gayle Kirkland; Patterson, Heather, EMNRD
Subject: RE: Salt Draw No. 1
Attachments: Salt Draw No 1 Spill Site Plan (Known Contamination).pdf; Sample Summary November 2015.pdf

Good morning,

Attached is an updated map with the additional samples from the 0' – 5' range represented and proposed excavation limits to include areas of contamination over the recommended remediation levels in the 0' – 5' range. I have also attached a summary table of the analytical from the samples. Matador will begin excavation activities as soon as scheduling permits. Here is a summary of the planned hydrocarbon contaminated soil clean- up and reserve pit surface reclamation.

- 1) The top two feet of soil from the legacy pit area will be excavated, sampled for disposal classification and disposed of at an appropriate landfill.
- 2) The area will then be lined with a plastic barrier for placement and potential bioremediation of soils excavated from the spill area.
- 3) As requested the soils within proposed excavation area depicted on the map will be removed to a depth of 4 feet and soils within the tank battery area will be removed to a depth of 5 feet. Additional samples at B36 at 6' bgs and 7' bgs will be collected and analyzed for BTEX and GRO/DRO and submitted to NMOCD and BLM.
- 5) During this time the African Rue located onsite will be bagged, with its root severed and placed in open excavation area for burial.
- 6) After approval from NMOCD, the spill excavated area will be back-filled with clean soil, tank battery reconstructed and production resumed.
- 7) After contaminated soils are remediated to TPH levels below 1000 ppm levels, the soils will be spread level over the pit area.
- 8) The remediated soils will be seeded with approved BLM seed mix. If needed, additional top soil will be added to return the area to grade.

The NMOCD and BLM will be notified prior to beginning these activities.

Crissy

From: Tucker, Shelly [mailto:tucker@blm.gov]
Sent: Wednesday, October 28, 2015 4:00 PM
To: Bratcher, Mike, EMNRD
Cc: Crissy Forrest; Casey Snow (csnow@matadorresources.com); Gayle Kirkland; Patterson, Heather, EMNRD
Subject: Re: Salt Draw No. 1

Afternoon,

The BLM concurs with the NMOCD stipulations.

The BLM approval/acceptance does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

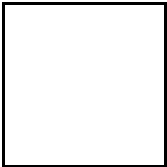
Shelly J Tucker

Environmental Protection Specialist
Bureau of Land Management

620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
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stucker@blm.gov



On Wed, Oct 28, 2015 at 1:36 PM, Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> wrote:

RE: Matador Prod * Salt Draw 11 Fed Com 1 * 30-015-23692

2RP-1791 * Date of release: 7/3/2013

Crissy,

OCD will approve the proposal for a 4' excavation across the release area with the exception of the tank battery area. A 5' excavation will be required in this area. Individual samples are to be obtained from the area identified as B36 at 6' bgs and 7' bgs. Samples are to be tested for GRO/DRO and BTEX. A determination will then be made if additional excavation and/or sampling will be required in that area.

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 me.

Mike Bratcher

NMOCD District 2

811 S. First Street

Artesia, NM 88210

O: 575-748-1283 X108

C: 575-626-0857

F: 575-748-9720

From: Crissy Forrest [mailto:forrest@sphere3env.com]
Sent: Friday, October 09, 2015 8:26 AM
To: Bratcher, Mike, EMNRD
Cc: Casey Snow (csnow@matadorresources.com); Gayle Kirkland
Subject: RE: Salt Draw No. 1

Mike,

I have attached the updated soil report and spread sheet that include the additional samples requested.

Crissy

From: Bratcher, Mike, EMNRD [<mailto:mike.bratcher@state.nm.us>]
Sent: Tuesday, October 06, 2015 5:10 PM
To: Crissy Forrest
Cc: Casey Snow (csnow@matadorresources.com); Gayle Kirkland
Subject: RE: Salt Draw No. 1

Crissy,

Please have the following “on hold” samples tested. These are all for the 0-5’ interval:

B23, B24, B26, B27, B29, B31, B32, B33, B35, B36 and B37.

Thanks,

Mike Bratcher

NMOCD District 2

811 S. First Street

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F: 575-748-9720

From: Crissy Forrest [<mailto:forrest@sphere3env.com>]
Sent: Monday, October 05, 2015 1:34 PM
To: Bratcher, Mike, EMNRD
Cc: Casey Snow (csnow@matadorresources.com); Gayle Kirkland
Subject: Salt Draw No. 1

Mike,

As requested, I have attached the lab results from the last subsurface investigation at the Salt Draw No. 1 (**2RP-1791**), a map showing areas and depths of know contamination and an excel table with laboratory results and PID readings from all three investigations. Each investigation has its own tab in the spread sheet, dated appropriately.

During this investigation we installed a boring (B29) to 60 feet below ground surface and did not encounter groundwater. This puts this site into the less stringent recommended remediation levels: Benzene 10 PPM, BTEX 50 PPM and TPH 1000 PPM. Matador has safety concerned with excavation activities greater than 4 feet below ground surface. A liner can be installed at this excavation depth to prevent migration of the contamination. Most of the elevated TPH levels are in the DRO range.

Crissy Forrest

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