

From: [Bratcher, Mike, EMNRD](#)
To: "Sheldon Hitchcock"; stucker@blm.gov; [Weaver, Crystal, EMNRD](#)
Cc: [Michael Barrett \(mbarrett@limerockresources.com\)](mailto:mbarrett@limerockresources.com); [David Adkins](#); [Heather EMNRD Patterson \(Heather.Patterson@state.nm.us\)](mailto:Heather.EMNRD.Patterson@state.nm.us)
Subject: RE: Hawk 8 Fed #46 Gas Line Release (30-015-28301) (2RP-3945)
Date: Tuesday, December 13, 2016 8:42:00 AM
Attachments: [image002.png](#)

RE: Lime Rock Res. * Hawk 8D Fed 46 * **2RP-3945** * DOR: 10/14/16

Sheldon,

Based on the analytical data provided, you are approved to commence closure ops for the above referenced release.

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
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From: Sheldon Hitchcock [<mailto:slhitchcock@talonlpe.com>]
Sent: Tuesday, December 6, 2016 3:08 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; stucker@blm.gov; [Weaver, Crystal, EMNRD](#) <Crystal.Weaver@state.nm.us>
Cc: Michael Barrett (mbarrett@limerockresources.com) <mbarrett@limerockresources.com>; David Adkins <dadkins@talonlpe.com>
Subject: Hawk 8 Fed #46 Gas Line Release (30-015-28301) (2RP-3945)

Good Afternoon All,

Please see the attached site map, groundwater data, laboratory reports, and final C-141 for the Hawk 8 Fed #46. As discussed during the site meeting on November 16, 2016 the draw was re-flushed with biodegradable surfactants and fresh water in order to address the minor staining and the elevated TPH numbers at sample location S-3 . Based on the analytical results from our soil sampling that took place November 30th I respectfully request permission to remove the sump and move forward with the reclamation of the areas that were disturbed to gain access to the draw. We intend to re-contour and seed these areas per BLM requirements. Documentation of the reclamation and seeding labels will be submitted to BLM once this process is complete.

As always let me know if you have any questions or concerns.

October 20, 2016 Initial Soil Sampling

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	ND	768	ND	11.3
S-2	0	ND	1250	ND	103
S-2 Refusal	1	ND	224	ND	65.1
S-3	0	12.6	1920	753	23800
S-3 Refusal	1	ND	240	ND	10.7
S-4	0	198	2800	2640	25000
S-4	1	ND	496	ND	ND
S-4 Refusal	2	ND	ND	ND	ND

October 26, 2016 Post 1st Flush Soil Sampling

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-2	0	ND	176	ND	ND
S-3	0	ND	185	49.6	1210
S-4	0	ND	725	16.3	654

(ND) Analyte Not Detected

November 30, 2016 Post 2nd Flush Soil Sampling

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-3	0	--	--	ND	74.5

(--) Analyte Not Tested

(ND) Analyte Not Detected

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH, and 1,000 mg/kg for Chlorides.

Respectfully,

Sheldon Hitchcock

Project Manager

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