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**Subject:** Hawk 8 Fed #46 Gas Line Release (30-015-28301) (2RP-3945)  
**Date:** Tuesday, December 6, 2016 3:08:43 PM  
**Attachments:** [image001.png](#)  
[Hawk 8 #46 Site Map.pdf](#)  
[Ground Water.pdf](#)  
[Laboratory Reports.pdf](#)  
[Hawk 8 Fed #46 Gas Line Release Final C-141 \(signed\).pdf](#)

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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 30<sup>th</sup> 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

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

#### October 26, 2016 Post 1<sup>st</sup> Flush Soil Sampling

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

(ND) Analyte Not Detected

#### November 30, 2016 Post 2<sup>nd</sup> Flush Soil Sampling

<b>Sample ID</b>	<b>Depth (feet)</b>	<b>BTEX (mg/kg)</b>	<b>Chlorides (mg/kg)</b>	<b>TPH (mg/kg) GRO</b>	<b>TPH (mg/kg) DRO</b>
<b>S-3</b>	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,

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