

From: [Hines, Christopher C.](#)
To: [Ash, Margaret](#)
Cc: [Friesen, Kathy](#); [Baroumand, Soraya](#)
Subject: RE: I30A - NOAV Response & Remediation Plan Notification of Completion
Date: Monday, November 01, 2010 11:18:40 AM

Hello Margaret:

Background samples collected for the I30A were collected from exposed native material on the pad's cut slope. To assure that background samples are unaffected by activities on the pad, sampled material is pulled from at least 6 inches depth. A background sample was collected for this location in March, 2010 (16.9 ppm arsenic) and 3 additional samples were collected during, and following, the onsite with COGCC on June 15, 2010 (9.9, 21, and 11ppm arsenic). Also, background samples are collected on all Encana locations. The range of arsenic backgrounds for Encana locations along the East Fork Parachute Creek range from 9.8ppm to 39ppm.

I determined that no remediation for arsenic needed to be conducted on this location by comparing background arsenic results collected on this location, to the arsenic results from the impacted material in the pit bottom. The highest background concentration on this location is 21 ppm, the highest concentration encountered in the impacted material was 19 ppm. This approach is based on footnote 1 to Table 910-1 for consideration of background, and on correspondence with COGCC staff in remediating impacts resulting from releases of E&P materials.

Hope that helps. Let me know if you have any other questions.

Regards,

Chris Hines

Encana Oil & Gas (USA) Inc.

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christopher.hines@encana.com

From: Ash, Margaret [mailto:Margaret.Ash@state.co.us]
Sent: Monday, October 25, 2010 5:03 PM
To: Hines, Christopher C.
Cc: Friesen, Kathy; Baroumand, Soraya
Subject: RE: I30A - NOAV Response & Remediation Plan Notification of Completion

Christopher,

Could you provide more detailed information about background sampling and how you determined that arsenic did not need to be remediated?

Thank you.

Margaret A. Ash
Manager Field Inspection Unit
Colorado Oil & Gas Conservation Commission
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margaret.ash@state.co.us

From: Hines, Christopher C. [mailto:Christopher.Hines@encana.com]
Sent: Monday, October 25, 2010 12:40 PM
To: Ash, Margaret
Cc: Friesen, Kathy; Baroumand, Soraya
Subject: I30A - NOAV Response & Remediation Plan Notification of Completion

Hello Margaret:

Please find attached a document prepared to provide Notification of Completion for the I30A Remediation Plan, and to formally request closure of the NOAV issued for this location. Please let me know if you have any questions.

Regards,

Chris Hines

Encana Oil & Gas (USA) Inc.

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