



Aboriginal Affairs and  
Northern Development Canada

Affaires autochtones et  
Développement du Nord Canada

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North Mackenzie District  
P.O. Box 126  
Norman Wells, NT, X0E 0V0

Telephone: 867 587-2911  
Fax: 867-587-2928

January 23, 2014

Apache Canada Ltd.  
Suite 1000, 700-9 Ave. SW  
Calgary, AB T2P 3VR

**Attn: Ken Brink**

**RE: Land Use Permit S03A-008  
OIL AND GAS DRILLING - WELLSITE  
E-44, B-23 and K14 Wellsites**

Dear Ken Brink,

An inspection of the above noted operation was conducted on September 25, 2013 by the undersigned. Enclosed is a copy of the Environmental Inspection Report.

Your companies efforts this past season to rectify the problem with contaminants is appreciated. Please contact this office to discuss this past years results and plans for next year's season.

On one more note, MGM is handling these files on your behalf. Before I can forward the reports to them I must have your approval. Could you please e:mail me @ [Stephen.Deschene@aandc-aadnc.gc.ca](mailto:Stephen.Deschene@aandc-aadnc.gc.ca) to confirm this.

Thank you,

Sincerely,

Steve Deschene  
Resource Management Officer III

Cc: Inuvik District Files  
Sahtu Land and Water Board  
National Energy Board



## ENVIRONMENTAL INSPECTION REPORT

<b>Permittee:</b>	Apache Canada Ltd.	<b>Permit Expiry Date:</b>	December 12, 2010
<b>Land Use Permit No.</b>	S03A-008	<b>Previous Inspection:</b>	July 26, 2005
<b>Quarrying Permit No.</b>		<b>Inspection Date:</b>	September 25, 2013
<b>Contractor:</b>		<b>Subcontractor:</b>	
<b>Location(s) Inspected:</b>	E-44, B-23 and K14 Wellsites		
<b>Current Stage of Operation:</b>	Remediation Activities		
<b>Program Modifications Approved:</b>	None		

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

Operating Condition	Aspect Inspected				
	B-23	K-14	E-44		
Location as Permitted	A	A	A		
Time as Permitted	U (2.14)	U	A		
Equipment as Approved (Type & Size)	A	A	A		
Methods & Techniques	A	A	A		
Facilities	A	A	A		
Erosion (Control or Prevention)	A	A	A		
Chemicals	U	U	A		
Wildlife and Fisheries Habitat (Protection)	A	A	A		
Wastes	A	A	A		
Historical / Archaeological Sites	A	A	A		
Fuel Storage	N/A	N/A	N/A		
Brush Disposal	A	A	A		
Restoration of Lands	U	U	A		
Permits	N/A	N/A	N/A		
Matters not Inconsistent	A	A	A		
Sections 8 to 12 / 14 to 16 M.V.L.U.R.	U (Section 15)	U	A		

**Explanatory Remarks -**

**B-23:**

Three locations on the well site need remediation. The proponent is addressing these issues and has taken actions in the form of removing contaminated material and attempting a preliminary phytoremediation program. This project is ongoing.

**K-14:**

Some contamination at well center. As with B-23, contaminated material has been removed, grass and fertilizer applied but has not been successful.

**E-44:**

This site is well vegetated, no contamination need not be inspected again.

Please contact this office at your earliest convenience to discuss this past season's program and plans for the 2014 activities.

\_\_\_\_\_  
Inspector's Signature



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### Inspection Images:

**Figure 1**

B-23, This photograph depicts the three barren areas contaminated with salt and hydrocarbons. The "L" shaped disturbance is the drill site camp sump.



**Figure 2**

B-23, Well Center. Contaminated soil was removed, seed and fertilizer applied. Disturbance from animals makes it difficult for plant growth.



**Figure 3**

B-23, One of the three contaminated areas.



**Figure 4**

B-23, "L" shaped camp sump. Efforts have been made to fill this failed sump.



**Figure 5**

K-14, Good vegetation in the majority of the well site. Seismic line used for access.



**Figure 6**

K-14, Well center. Contaminated soil has been removed. Attempts to foster plant growth has not been successful.





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**Figure 7**

**K-14, Another look at the attempt to remediate.**



**Figure 8**

**K-14, Some minor ponding has occurred.**



**Figure 9**

**E-44, Good vegetation growth, minor ponding.**



**Figure 10**

**E-44, Typical of the well site, 100% re-vegetated.**



**Figure 11**

**E-44, Access to the well site. No concerns.**



**Figure 12**

**E-44, Minor ponding.**

