



envirosearch

# Northern EnviroSearch Ltd.

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September 1, 2006

COPY

→ File: S03L1-015

S03L1-016

S04L1-011

S04L1-012

**Sahtu Land and Water Board**  
P.O. Box #1  
Fort Good Hope, NT  
X0E 0H0

**Attention: George Govier**

Dear George:

**Re: Apache Canada Ltd. - Annual Reports (2006) for Water Licence S03L1-015, S03L1-016, S04L1-011, and S04L1-012**

Please find attached the Apache Canada Ltd. 2006 Annual Reports for Water Licence S03L1-015, S03L1-016, S04L1-011, and S04L1-012 for your records.

If you have any questions, please contact me at (403) 543-5353 or by email at ([jenicavk@envirosearch.ca](mailto:jenicavk@envirosearch.ca)).

Sincerely,  
**NORTHERN ENVIROSEARCH LTD.**

Jenica von Kuster, Envi.Tech., CEPIT  
Project Coordinator, Northern Projects

C.c. David Calvert - Apache Canada Ltd.

Attach.

September 1, 2006

**Sahtu Land & Water Board**  
Box 1  
Fort Good Hope, NT  
X0E 0H0



**Attention: George Govier**

**Re: Apache Canada Ltd. - Annual Report 2006 for Water Licence S03L1-016 (K-14, B-23 and E-44)**

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Apache Canada Ltd. (Apache) is submitting the following information in response to the requirements outlined under the Terms of Reference and Conditions of Water Licence S03L1-016 (K-14, B-23 and E-44). Part B, Subpart 2 of the Terms and Conditions states that an annual report shall be supplied for the life of the water licence. For ease of review, the response has been presented in the same order as the Sahtu Land and Water Board Water Licence.

*a) The monthly and annual quantities in cubic metres of fresh water obtained from all sources.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*b) The monthly and annual quantities in cubic metres of each and all wastes discharged.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*c) An itemized list indicating the names, uses and quantities of all substances which were used during the drilling operation.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*d) A tabular summary of sampling dates and analysis of sump contents.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*e) A summary of exploration and development activities as they relate to water use and waste disposal.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*f) A list of unauthorized discharges.*

There was no activity conducted on K-14, B-23 or E-44 during the 2005/06 season.

*g) Details of all abandonment and restoration activities.*

Areas noted with minor hydrocarbon staining during the 2005 Annual Summer Site Inspections were fertilized and raked in September 2005 to encourage natural attenuation. The contaminated areas located east of the B-23 wellhead and the area of the spill located on the K-14 lease had fertilizer and gypsum applied and were raked to encourage natural attenuation and vegetative growth.

The low area noted to the southeast of the B-23 remote drilling sump was sampled in September 2005 in order to confirm or refute the existence of salt and/or hydrocarbon contamination. The sample results showed low levels of hydrocarbons and elevated levels of calcium and sodium. Gypsum and fertilizer was applied after the sample was collected to encourage natural attenuation and vegetative growth.

Re-seeding of the leases, remote drilling sumps, campsite sumps, and campsites was conducted in September 2005.

The K-14 campsite sump, the B-23 remote drilling sump and the trench noted on the B-23 lease were reassessed during the 2006 Annual Summer Site Inspection to determine if additional work will be required. The depression noted at the B-23 campsite sump will be re-contoured when future winter operations provide reasonable access to the site.

The rig matting from the K-14 lease will be removed. If removal by helicopter sling is not possible, the matting will be removed when future winter operations provide reasonable access to the site.

All locations were reassessed in August 2006 during the Annual Summer Site Inspection and details of the inspection activities will be provided in the 2006 Annual Summer Site Inspection Reports

*h) Any other details on water use or waste disposal requested by the Board by May 31<sup>st</sup> of the year being reported.*

No additional requests were made by the Board.

I trust this meets the information requirements for the annual report under Water Licence S03L1-016. If you have any questions, please contact the undersigned at (403) 303-1826 or by email ([david.calvert@apachecorp.com](mailto:david.calvert@apachecorp.com)).

Sincerely,  
**APACHE CANADA LTD.**



David Calvert, B.Comm.

Senior Advisor, Surface Land  
Regulatory, Aboriginal & Community Affairs

Attach.

cc: Jenica von Kuster Northern EnviroSearch Ltd.