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Tracey McCaie  
A/Director, Lands and Contaminated Sites  
Dele Morakinyo, Project Manager  
Aboriginal Affairs and Northern Development Canada

RE: CONTWOYTO LAKE REMEDIATION (1BR-CLR1419)

Dear Tracey,

An inspection was conducted at the Contwoyto Weather Station in respect of the above-listed water licence on July 15, 2015. All equipment and structures have now been removed and the site is apparently reclaimed. However, there remains outstanding information required prior to contemplating cancellation of this licence:

PART K. Conditions Applying to the Monitoring Program

No data was provided in the 2014 Annual Report in support of Part K, items 5-9.

The landfarm for this project was unlined. It was noted during the 2014 inspection that monitoring wells required by the licence had not been installed. They were installed in August following the inspection, but due to the late installation, no samples were conducted during freshet. It was reported in the annual report that there was insufficient water in the wells for sampling later in the season.

The requirement for monitoring wells was intended to provide assurance that no migration of hydrocarbons occurred from the landfarm during the course of the project. There is currently no data reported that demonstrates whether or not there was **migration of hydrocarbons from the unlined landfarm facility**.

If confirmatory samples (soil or water) were taken prior to project completion, please provide these results, with an explanation, with the annual report by March 31, 2016. If sufficient data is not available to demonstrate that there was no migration of hydrocarbons from the landfarm, this data is to be collected in 2016 and provided to the Inspector and the Board, by **August 31, 2016**.

In addition, please provide by March 31 2016 the remaining 2014-2015 data not yet reported in support of the monitoring program as per Part K item 18: *The Licensee shall include in the Annual Report, as required under PART B, Item 1, **all monitoring data, analyses, and information required by PART K.***

Specifically:



K.3: ... the volume of all soil from all locations entering the Landfarm Facility.

K.4: ... the concentration of F1 – F4 fractions in petroleum hydrocarbon contaminated soil entering the Landfarm Facility from all sources, as per the CCME *Canada-Wide Standard for Petroleum Hydrocarbons (PHC) in Soil*.

K.12: ... sample soil being treated in the Landfarm Facility no less frequently than every four (4) months during the period of active land treatment to monitor contaminant levels until analytical results are below acceptable levels as determined under PART D, Item 18.

K.13: ... GPS coordinates of all locations where remediated soil is deposited.

K.14: ... the date, amount, soil quality, and final destination of all treated soil removed from the Landfarm Facility.

Please ensure that monitoring requirements set by the NWB for subsequent projects are respected. As per Part K item 19: *“Modifications to the Monitoring Program may be made only upon written request and subsequent approval of the Board in writing.”* If AANDC wishes to deviate from the monitoring set by the Board, written approval must be received prior to undertaking the changes.

Regards,

Eva Paul

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