

## Elaine Briere - MVLWB

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**From:** Sheryl Grieve [enviromgr@nsma.net]  
**Sent:** Monday, January 04, 2010 8:22 AM  
**To:** permits@mvlwb.com  
**Subject:** COY info requests  
**Attachments:** 2009-12-31 NSMA information requests.PDF

Please accept the attached.

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# ***NORTH SLAVE MÉTIS ALLIANCE***

***PO Box 2301 Yellowknife, NT X1A 2P7***



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7th Floor - 4922 48th Street  
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November 27, 2009

## **Re: North Slave Métis Alliance Information Requests - MV2009L3-0007**

The North Slave Métis Alliance has not been able to conduct an adequate review of the above noted application due to capacity constraints, but there are, however, a few questions we would like to know the answers to in advance of the public hearing into the renewal of the City of Yellowknife's water licence, as below:

- 1) Has the City collected baseline data on the main water bodies in the area and on the biophysical components of the environment potentially affected by the project? If not, why not?
- 2) Are there any chemicals other than chlorine and fluoride used in the water treatment plant?
- 3) How much chlorine and fluoride are used each year?
- 4) How do we know that water intake pipes are not obtaining contaminated water from Yellowknife Bay? What are the maintenance and inspection procedures for the water source pipeline?
- 5) What methods for wildlife deterrence are to be used at the landfill and sewage treatment lagoon?
- 6) What is the City's Consultation Plan for incorporating Traditional Knowledge into their Closure Plan, and for accommodating the rights of the indigenous Aboriginal Peoples?
- 7) What is the contingency plan for sewage lagoon leaks or overflows?
- 8) Is the sewage lagoon capacity designed to withstand the 20yr flood event under all possible population growth scenarios for the term of the requested licence?
- 9) What Consultation was done, and when, in order to authorize the use of a dilution zone for discharge criteria?
- 10) What are the potential consequences salt and other contaminants in snow disposal piles on the environment, and on the surveillance network sampling site underneath? Is the data on dump leachate being compromised? What are the plans for replacing Snp 32-13 and maintaining data integrity and comparability?
- 11) What is the justification for using "visible sheen" as discharge criteria for oil and gas coming from the lagoon?
- 12) What is the justification for the current criteria for faecal coliforms and streptococcal bacteria?

- 13) What are the discharge criteria proposed for stormwater runoff, and what treatment options are being considered? What monitoring is being done, on what constituents?
- 14) What testing of effluent has been done on the leachate from the landfill and the discharges from the lagoon to establish whether or not household hazardous wastes or medical wastes are a concern? Specifically, what are the levels of whether endocrine disrupting, mutagenic, carcinogenic or teratogenic substances in the discharges?
- 15) What oils, fuels, paints, acids, alkaloids, and other potentially deleterious materials are contaminating storm runoff in the industrial areas of town, and to what levels?
- 16) How does the City's operational plan account for climate change and the possible changes in permafrost and precipitation?
- 17) How does the City intend to convince the Board that the North Slave Métis community has been or will be adequately compensated for the interference with their existing water users' rights?
- 18) How does the City intend to involve the Aboriginal Peoples in the environmental monitoring and mitigation associated with this project?

Sincerely,



Sheryl Grieve, B.Sc.  
Manager of Environment, Lands and Resources  
[enviromgr@nsma.net](mailto:enviromgr@nsma.net)