

SUMMARY OF COMMENTS/RECOMMENDATIONS

PROPONENT: Hudson Bay Mining And Smelting Co.,
Limited
PROPOSAL NAME: Lalor Advanced Exploration Project
Construction Camp - Sewage Treatment
Plant
CLASS OF DEVELOPMENT: 2
TYPE OF DEVELOPMENT: Sewage Treatment Plant – Waste/Scrap
CLIENT FILE NO.: 5492.00

OVERVIEW:

On November 16, 2010, the Department received a Proposal from Stantec Consulting Ltd. on behalf of Hudson Bay Mining And Smelting Co., Limited for the construction and operation of a portable temporary Biodisk rotating biological contactor Sewage Treatment Plant (STP) located on Parcel G, Plan No. 4592; Parcel J, Plan No. 4634 (Miscellaneous Lease No. 3954); and Part Lots 548 & 549 Group 422 in 68-17 WPM (Miscellaneous Lease No. 56560) in the Town of Snow Lake, Manitoba. The proposed STP will consist of chemical and biological treatment, sedimentation/clarification, ultraviolet disinfection, and sludge storage and removal via truck hauling. Treated wastewater from the STP will be discharged into the Town of Snow Lake's sewer system, which discharges into Snow Lake.

On November 25, 2010, Manitoba Conservation placed copies of the Proposal in the Public Registries located at 123 Main St. (Union Station), the Winnipeg Millennium Public Library, the Manitoba Eco-Network, and The Town of Snow Lake Office. Copies of the Proposal were also provided to the Technical Advisory Committee (TAC) members. The Department placed public notifications of the Proposal in the Snow Lake Underground on Thursday, November 25, 2010.

COMMENTS FROM THE PUBLIC:

No comments were received from the public.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Manitoba Conservation – Aboriginal Relations Branch

- *No concerns*

Manitoba Conservation – Wildlife and Ecosystem Protection Areas

- *No concerns*

Manitoba Conservation – Pollution Prevention Branch

November 29, 2010

- *The Air Quality Section has reviewed the above Environment Act proposal as part of the TAC distribution. The only potential matter of interest, from an air quality perspective, is the potential of nuisance odours arising from the operation of the portable STP unit. We are unfamiliar with the unit that is mentioned though one would expect that such units would be designed to minimize odour release and could be reasonably operated to sustain such performance. No specific mention of odours seems to have been made in the environmental assessment portion of the proposal.*

Disposition

- The attached draft Licence includes the odour nuisance clause.

Manitoba Local Government – Community and Regional Planning

- *The project is located within the Town of Snow Lake, adjacent to the Urban District boundaries (Parcel “G” Plan 4592, Parcel “J” Plan 4634, Misc. Lease 56560). The subject property is designated Limited Development by the Town of Snow Lake Development Plan which allows for resource-based industries and related development. The subject property is zoned “LD” Limited Development zone by the Town of Snow Lake Zoning By-Law which allows for temporary buildings and uses (including staff accommodation) as a permitted use.*
- *We note that the zoning by-law allows for Council to determine the nature of the temporary use as well as other zoning requirements. The proposal does not appear to pose any health risks to the community or negatively affect the existing services. The proposed onsite sewage treatment plant is being utilized in order to prevent the construction camps from exceeding the current municipal treatment plants operating capacity. Decommissioning of the treatment plant and construction camps will occur after the temporary use has expired.*
- *Based on the above information provided, Thompson Community and Regional Planning has no concerns from a community planning perspective.*

Manitoba Infrastructure and Transportation

- *No comment.*

Manitoba Conservation - Sustainable Resource & Policy Management Branch & Land Branch

- *No comment.*

Manitoba Conservation – Parks and Natural Areas Branch

- *No comments*

Manitoba Innovation, Energy and Mines – Mines Branch

- *No comment.*

Manitoba Water Stewardship

December 17, 2010

- *Manitoba Water Stewardship recommends an Environment Act Licence to include the following requirements:*
 - *The Licencee shall actively participate in any future watershed based management study, plan/or nutrient reduction program, approved by the Director, Water Science and Management Branch, Manitoba Water Stewardship.*
 - *Note: Manitoba Water Stewardship is concerned with any discharges that have the potential to impact the aquatic environment and/or restrict present and future uses of the water.*
- *The following text must be incorporated within a water quality monitoring clause*
 - *For fecal coliform and total coliform sampling, the monthly geometric mean of 1 grab sample collected at equal intervals on each of a minimum of 3 consecutive days per week.*
 - *On a monthly basis, based upon a 24 hour composite, sample for total phosphorous, ammonia, nitrate-nitrite, total Kjeldahl nitrogen, biochemical oxygen demand, pH, and total suspended solids.*
- *Manitoba Water Stewardship submits the following concern:*
 - *The proponent discusses that biosolids will be transported via truck away from the site. Further information is required regarding the ultimate use/disposal of sewage sludge from the proposed wastewater treatment plant.*
 - *Phosphorus loading to water bodies is a substantial concern in many areas of Manitoba. The Lake Winnipeg Stewardship Board has recommended that all small wastewater treatment facilities, should meet a phosphorus effluent limit of 1.0 mg/L. The proposed phosphorus limit of 1.0 mg/L is consistent with efforts underway across Manitoba and in upstream jurisdictions to reduce nutrient loads to Lake Winnipeg and its watershed.*
- *Manitoba Water Stewardship submits the following comments:*
 - *Manitoba Water Stewardship does not object to this proposal, at this time.*
 - *The Manitoba Department of Water Stewardship is mandated to ensure the sustainable development of Manitoba's water resources. Manitoba Water Stewardship is committed to the goals of: protecting aquatic ecosystem health; ensuring drinking water is safe and clean for human health; managing water-related risks for human security; and stewarding the societal and economic values of our waterways, lakes and wetlands; for the best water for all life and lasting prosperity. Manitoba Water Stewardship achieves these goals, in part, through administering legislation, including The Water Protection Act, The Water Rights Act, and The Water Power Act.*

- *The proponent needs to be informed of the following for information purposes:*
 - *The Water Rights Act requires a person to obtain a valid licence to control water or construct, establish or maintain any “water control works.” “Water control works” are defined as any dyke, dam, surface or subsurface drain, drainage, improved natural waterway, canal, tunnel, bridge, culvert borehole or contrivance for carrying or conducting water, that temporarily or permanently alters or may alter the flow or level of water, including but not limited to water in a water body, by any means, including drainage, OR changes or may change the location or direction of flow of water, including but not limited to water in a water body, by any means, including drainage. If a proposal advocates any of the aforementioned activities, a person is required to submit an application for a Water Rights Licence to Construct Water Control Works. A person may contact the following Water Resource Officer to obtain an application and/or obtain information.*
 - *A contact person is Mr. Ed MacKay, E.E.T., Senior Water Resource Officer, Water Control Works and Drainage Licensing, Manitoba Water Stewardship, 1129 Queens Avenue, Brandon, Manitoba R7A 1L9, telephone: (204) 726-6226, email: ed.mackay@gov.mb.ca.*
 - *The proponent needs to be informed that erosion and sediment control measures should be implemented until all of the sites have stabilized.*

Disposition:

- The draft Licence requires the Licencee to actively participate in any future watershed based management study, plan/or nutrient reduction program.
- Standard monitoring and reporting requirements for coliforms and other parameters are included in the draft Licence.
- Additional information respecting the disposal of biosolids was provided by the proponent. The draft Licence requires the Licencee to dispose of biosolids at an approved facility.
- Given the location of this facility, a phosphorous limit is not required.

COMMENTS FROM FEDERAL REPRESENTATION:

Canadian Environmental Assessment Agency (CEEA)

December 17, 2010

- *Project information was shared with the Department of Fisheries and Oceans (DFO), the Department of Indian and Northern Affairs, Health Canada (HC) and Environment Canada (EC) as part of the federal coordination process.*
- *Based on the responses to the survey the application of the Canadian Environmental Assessment Act (the Act) by a federal authority is not required for this project.*
- *HC has determined it can provide information related to its areas of expertise if a written request is submitted to HC.*

PUBLIC HEARING:

A public hearing is not recommended because no comments were received from the public.

RECOMMENDATION:

The Proponent should be issued a Licence for the construction and operation of a portable temporary sewage treatment plant in accordance with the specifications, limits, terms and conditions of the attached draft Licence. An inspection should be completed by an Environment Officer from the Environmental Assessment & Licensing Branch prior to transferring the Licence to the Region for enforcement.

A draft Environment Act Licence is attached for the Director's consideration.

PREPARED BY:

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December 30, 2010

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