

Rhonda Miller - MVLWB

From: Walbourne, Rick [Rick.Walbourne@DFO-MPO.GC.CA]
Sent: May-05-11 11:33 AM
To: Kathleen Graham; permits@mvlwb.com
Cc: jsoucy@fortsmith.ca
Subject: RE: MV2011L3-0001 - Town of Fort Smith - Request for Comments - Type A Water Licence Renewal
Attachments: 2011-05-05 DFO Comments on WL Renewal.pdf

Good afternoon Kathleen,

Please find attached DFO's comments on the Type A Water Licence renewal application for the Town of Fort Smith. Additionally, I would like to inform you that DFO has no comment on the associated workplan.

Feel free to contact me should you have any questions or comments.

Regards,

Rick

Rick Walbourne

Habitat Biologist | Biologiste, Habitat

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Government of Canada | Gouvernement du Canada

From: Kathleen Graham [mailto:kgraham@mvlwb.com]

Sent: Friday, April 29, 2011 11:49 AM

To: screeningofficer@eastarm.com; scellis@eastarm.com; jbrennan@yellowknife.ca; rlong@yellowknife.ca; lmandeville@denenation.com; Carolc.lands@gmail.com; imadenegurl@hotmail.com; Walbourne, Rick; sao_enterprise@northwestel.net; ec.ea.nwt@ec.gc.ca; Frmc53@yahoo.ca; forsmithmetisCouncil@northwestel.net; Gnwt_ea@gov.nt.ca; Rhonda_Batchelor@gov.nt.ca; Patrick_Clancy@gov.nt.ca; Duane_Fleming@gov.nt.ca; K_Johnson@gov.nt.ca; Mark_Davy@gov.nt.ca; Glen_Mackay@gov.nt.ca; hrmc@northwestel.net; intergov@inac-ainc.gc.ca; norrisa@inac.gc.ca; consultationsupportunit@inac.gc.ca; james.lawrence@inac.gc.ca; Lorraine.Seale@inac-ainc.gc.ca; scott.Stewart@inac.gc.ca; Charlene.Coe@inac-ainc.gc.ca; Robert.Jenkins@inac.gc.ca; landsnresources@katlodeeche.com; doraenzoe@yahoo.com; vchristensen@reviewboard.ca; lands@nsma.net; Matthew.Spence@cannor.gc.ca; Kate.Witherly@cannor.gc.ca; ima.nwtmn@northwestel.net; John.Clarke@NRCan-RNCan.gc.ca; Katherine.Cumming@pc.gc.ca; Gordon.Hamre@pc.gc.ca; townoffortsmith@northwestel.net; ceo@srfn195.com; rroillard@pagc.sk.ca; tgiroux@pagc.sk.ca; bblack@fortsmith.ca; molenkamp@hayriver.com; SusanA@wcb.nt.ca; environment@ykdene.com; tslack@ykdene.com; esangris@ykdene.com; ttsetta@ykdene.com; mrichardson@hayriver.com; francis.jackson@inac-ainc.gc.ca

Subject: MV2011L3-0001 - Town of Fort Smith - Request for Comments - Type A Water Licence Renewal

Please see the attached documents for your review and comments.

Kathleen Graham

Regulatory Officer

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1. Do not leave blank rows above or between comments.
2. Do not modify the instructions or the column headings (i.e. the top three rows).
3. **Each comment must have an associated recommendation.**
4. All formatting will be lost when this file is uploaded to the Online Comment Table.
5. If necessary, adjust the cell width and height in order to view all text.
6. Cutting and pasting comments from WORD documents cannot include hard returns (spaces between paragraphs).
7. If you would like to create paragraphs within a single cell, please use a proper carriage return (ALT & ENTER).

TOPIC

COMMENT

RECOMMENDATION

Be as specific as you think is appropriate; for example a section or page of the document, a recommendation #, general comment, etc.

Comments should contain all the information needed for the proponent and the Board to understand the rationale for the accompanying recommendation.

Recommendations can be for the proponent or for the Board. Recommendations should be as specific as possible, relating the issues raised in the "comment" column to an action that you believe is necessary.

Flow of Slave River	Section 2.12 states that information is not available regarding the rate of flow. The Water Survey of Canada reports an average discharge of the Slave River at approximately 3,400 cubic metres per second.	This is for information purposes to illustrate that the Slave River has a sufficient discharge to support the withdrawal request from the Town of Fort Smith.
River bank stabilization (intake line)	There is reference to rehabilitation of the slope near the water intake structure to stabilize the riverbank in the area including regrading of the slope, realigning of the water supply line, construction of a new access road and replacement of the power line.	Given the history of the river bank in the area, DFO recommends additional erosion control measures be implemented including but not limited to re-vegetation and erosion matting.
River bank stabilization (sewage discharge)	There is reference to rehabilitation of the slope near the sewage lagoon discharge pipeline to stabilize the riverbank in the area including regrading of the slope, installation of anchoring manholes, installation of riprap at the end of the pipe, etc.	Given the history of the river bank in the area, DFO recommends additional erosion control measures be implemented including but not limited to re-vegetation and erosion matting.
Water Intake Screens	Section 2.5 of the Questionnaire requests information on the intake screen size. While there is additional information in Section 3.1 of Volume 1 of the background report and the <i>Water Intake Integrity Report</i> , this specific information appears to be lacking.	DFO recommends that the Licensee adhere to the <i>Freshwater Intake End-of-Pipe Fish Screen Guidelines</i> . Additional information on the intake structure should be provided in this regard.
Previous environmental reviews	Section 8.1 of the questionnaire states that the project has not undergone an initial environmental review. DFO is under the assumption that the undertaking went through a preliminary screening during a previous review which resulted in its current exemption status.	This should be clarified to reflect that a preliminary screening/"initial environmental review" has occurred.
Abandonment and Restoration Plan	Section 6.4 states that no abandonment and restoration plan exists.	DFO recommends a water licence condition be included that is similar to other Type A Municipal Water Licences requiring the submission of a plan six (6) months prior to closure of any municipal infrastructure.
Landfill Run-Off	In 2005, Inuvialuit Environmental and Geotechnical Inc. reported increased levels of metals downstream of landfill site as well as some confusion regarding flow direction in relation to the landfill as identified in the <i>Fort Smith Landfill Wetlands Characterization</i> report. It is unclear how this relates to the 2006 proposal for a reduction in sampling stations, parameters and frequency at the landfill site.	DFO recommends that this issue be investigated more thoroughly and the results used to direct the locations and frequencies of SNP sampling, especially in relation to Site 567-4.