



RE: 2AM-BRP1831 Echo and Goose Neck Culvert Crossing Detailed Reports and Drawings

Okonkwo, Godwin (AADNC/AANDC) <godwin.okonkwo@canada.ca>

Fri, May 29, 2020 at 4:23 PM

To: Richard Dwyer <richard.dwyer@nwb-oen.ca>, Merle Keefe <mkeefe@sabinagoldsilver.com>

Cc: Wajid Daouda <Wajid.Daouda@tpsgc-pwgsc.gc.ca>

Hi Richard,

Thanks for your May 8, 2020 invitation to submit comments for the Echo and Goose Neck Culvert Crossing Detailed Reports and Drawings for 2AM-BRP1831 water licence.

Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) has conducted this review pursuant to its mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Crown Indigenous Relations and Northern Affairs Act*, and other associated legislation and policies. Please find below CIRNAC comments;

1. The design report and drawings are generally satisfying. However, it is not clear how the proposed pipe ends once installed will be protected against scour around the inlet and outlet of the pipes. CIRNAC recommends that the Licensee provide adequate typical cross section showing end pipe protection with adequate riprap geometry, in addition to the profile and sections shown on drawing ECHO-03.
2. CIRNAC was unable to find any skew angle of the culverts on the provided drawings, to confirm that the culverts can be adequately installed to function effectively. CIRNAC recommends that the Licensee clarifies or provide the missing skew angles to confirm that the culverts can be adequately installed.

If you have any questions, please do not hesitate to communicate them with me.

Thanks and best regards,

Godwin Okonkwo (M.Sc., P.Bio)

Manager, Water Resources

Crown-Indigenous Relations and Northern Affairs Canada

godwin.okonkwo@canada.ca / Tel: 867-975-4550 / Fax: 867-975-4286/ Mobile: 867-222-1668

Gestionnaire, Resource Hydriques

Relations Couronne-Autochtones et Affaires du Nord Canada

godwin.okonkwo@canada.ca / Tél. : 867-975-4550 / Téléc : 867-975-4286/Mobile: 867-222-1668

To unsubscribe from this group and stop receiving emails from it, send an email to distro-2am-brp+unsubscribe@nwb-

