

Environmental Assessment North (NT & NU)
Environmental Protection Operations (EPO)
Prairie and Northern Region
5019 52nd Street, 4th Floor
P.O. Box 2310
Yellowknife, NT X1A 2P7

13th April 2011

Our File: 4708 001 036

Regulatory Officer
Mackenzie Valley Land and Water Board
7th Floor, 4910 - 50th Avenue
P.O. Box 2130
Yellowknife, NT X1A 2P6

Attention: Lindsey Cymbalysty

lindsey@mvlwb.com

Re: MV2011C0005 – Type A Land Use Permit Renewal Application – Mining Exploration – Lac de Gras Area – Peregrine Diamonds Ltd.

Environment Canada has reviewed the information submitted with the above noted application. The following advice is provided pursuant to **Section 22** of the *Mackenzie Valley Resource Management Act*.

Environment Canada's contribution to your request for specialist advice is based on the mandated responsibilities under **Section 36(3)** of the *Fisheries Act*, the *Canadian Environmental Protection Act* (CEPA), the *Migratory Birds Convention Act* (MBCA), and the *Species at Risk Act* (SARA).

Peregrine Diamonds Ltd. is requesting a renewal of their expired Land Use Permit No. MV2004C0001 to continue their exploration activities on their claim blocks located in the Lac de Gras area.

Environment Canada has no issues at this time with the investigation provided mitigation measures outlined in the submission and the following comments and recommendations are followed:

Comments and Recommendations

Environment Canada has a concern with the proponent's use of the Inciner8 incinerator to burn waste. It is unclear if the Inciner8 is capable of meeting the CCME Canada-wide Standards for Dioxins and Furans. The proponent should provide information from the manufacturer demonstrating that the incinerator is capable of meeting the CCME Canada-wide Standards for Dioxins and Furans.

The following species at risk as assessed by COSEWIC and/or listed on Schedule 1 of the Federal Species at Risk Act (SARA) may be encountered in the project area: Peregrine Falcon Tundris subspecies, Eskimo Curlew, Short-eared Owl, Boreal Woodland Caribou, Grizzly Bear and Wolverine. Refer to species status reports and other information on the Species at Risk registry at www.sararegistry.gc.ca for information on specific species as well as the booklet "Species at Risk in the Northwest Territories" (2010 Edition) available at http://www.enr.gov.nt.ca/_live/pages/wpPages/Species_at_Risk.aspx.

The proponent shall ensure that any chemicals, fuel or wastes associated with the proposed activities do not enter waters frequented by fish. It is a requirement of **Section 36(3)** of the *Fisheries Act* that all effluent discharged into water frequented by fish, be non-deleterious.

EPO should be notified of changes in the proposed or permitted activities associated with this Land Use Permit.

If you have any further questions or comments, please do not hesitate to contact me at (867) 669-4744 or ron.bujold@ec.gc.ca.

Yours truly,

Ron Bujold

Ron Bujold
Aquatic Environmental Assessment Technician

cc: Carey Ogilvie (Head, EA-North, EPO)
Anne Wilson (Water Pollution Specialist, EA-North, EPO)
James Hodson (Environmental Assessment Officer, Canadian Wildlife Service, EPO, Yellowknife, NT)

Rhonda Miller - MVLWB

From: Lindsey Cymbalisy [lindsey@mvlwb.com]
Sent: April-13-11 8:16 AM
To: permits@mvlwb.com
Subject: FW: MV2011C0005 - Type A Land Use Permit Renewal Application - Mining Exploration - Lac de Gras Area - Peregrine Diamonds Ltd.
Attachments: MV2011C0005 Type A Land Use Permit Renewal Mining Exploration Lac de Gras Area Peregrine Diamonds Ltd..pdf; Comment Table - Type A Land Use Permit Application - MV2011C0005.xls

[For registry. Comments from Environment Canada on application for MV2011C0005.](#)

From: Bujold,Ron [Yel] [mailto:Ron.Bujold@EC.GC.CA]
Sent: April-13-11 7:38 AM
To: lindsey@mvlwb.com
Cc: Ogilvie,Carey [Yel]; Wilson,Anne [Yel]; Hodson,James [Yel]
Subject: MV2011C0005 - Type A Land Use Permit Renewal Application - Mining Exploration - Lac de Gras Area - Peregrine Diamonds Ltd.

<<MV2011C0005 Type A Land Use Permit Renewal Mining Exploration Lac de Gras Area Peregrine Diamonds Ltd..pdf>>

<<Comment Table - Type A Land Use Permit Application - MV2011C0005.xls>>

Ron Bujold

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