

**Staff Report on G11Q001****1. Introduction**

The Land and Water Board's staff received a land use application from Bob's Welding Ltd. April 27<sup>th</sup>, 2011 proposing to conduct a Quarry Permit at Km **251 Dempster Highway**. This report is intended to be used as a decision making document when board members are considering issuing a land use permit for the operation.

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**2. Comment Summary Table**

Organization, Contact and Date Received	Concerns / Suggestions Submitted
April 28 <sup>th</sup> , 2010, 2011 <b>GLWB</b> John Edwards Land & Water Technician	Sent a Letter of Acceptance to Bob's Welding Ltd Sent out Letter of Review to all participating parties to review the Application. Will send Preliminary Screening report to MVIERB ( <b>MAY 17th, 2011</b> )
May 11 <sup>th</sup> 2011; <b>D.F.O., Amanda Joynt</b> Habitat Biologist	Will not be making comments on this proposal
May 17, 2011 <sup>th</sup> 2011; <b>GRRB, Janet Boxwell</b> <b>Renewable Resource Manager.</b>	No comments were received
May 17, 2011 <sup>th</sup> <b>PWNHC, Tom Andrews</b>	No comments were received
May 17, 2011 <sup>th</sup> 2010; <b>G.L.A., Mardy Semmler</b>	No comments were received.
May 17, 2011 <sup>th</sup> <b>E.C.: Patrick Clancey</b> Environment Assessment Analyst	No comments were received.
May 17, 2011 <sup>th</sup> <b>G.S.C.I. Sharon Snowshoe,</b> Executive Director	No comments were received.
May 16, 2011 <sup>th</sup> <b>Ron Bujold</b> Environmental Regulatory Analyst	See attachment.

<b>I May 17, 2011<sup>th</sup></b> <b>NAC, N.M.D.</b> <b>Conrad Baetz,</b> <b>Donal Arey</b>	No comments were received Reviewed Draft Land Use Conditions and Permit
<b>May 2<sup>nd</sup> 2011</b> <b>M.V.L.W.Elaine</b> <b>Briere</b> <b>Regulatory</b> <b>Officer</b>	Your request for review of G11Q001 application was received on May 2, 2011. The staff of the Mackenzie Valley Land and Water Board has examined this application for any transboundary implications. It has been determined that this operation is not "likely to have an impact in more than one settlement area or in a settlement area and an area outside any settlement area", as per Part 4, section 103(1)(a) of the Mackenzie Valley Resource Management Act.
<b>May 17, 2011<sup>th</sup></b> <b>Sue McKenzie</b> <b>Gwich'in Land</b> <b>Use Planning</b> <b>Board</b>	No comments were received

### 3. Summary of Potential Impacts and Mitigation Measures

The first column "Potential Impacts" lists all impacts which may happen with this type of operation. Included in the column are the names of the review groups who were concerned about certain aspects of the operation. The next column lists mitigation measures which will eliminate or lessen the potential impacts. The third column lists the headings of the term or condition that will be used to draft the land use permit.

Potential Impacts	Mitigation	Clause
<b>Permafrost</b> ➤ Possible disturbance to permafrost from burying waste material. ➤ Possible damage to the permafrost in the summer.	➤ Remove all waste material. ➤ Prevent Permittee from operating when rutting occurs.	➤ Remove Waste Material ➤ Prevention of Rutting
<b>Lakes and Streams</b> ➤ Potential blockage of natural drainage from parts of the operation. ➤ Potential disturbance to the water table. ➤ Potential contamination to waters from submerged trees and brush.	➤ Locate operation to prevent blockage. ➤ Do not quarry below the depth of the water table. ➤ Instruct Permittee to burn brush.	➤ Natural Drainage ➤ Quarry Depth ➤ Burn Brush
<b>Soil and Vegetation</b> ➤ Organic soil may be disposed of during clearing (used in restoration). ➤ Potential for erosion when vegetation is removed.	➤ Save organic soil stripped from areas in the pit. ➤ Permittee must install erosion control structures.	➤ Save Organic Soil ➤ Erosion Control
<b>Wildlife and Fish</b> ➤ Potential hazards to wildlife. ➤ Unnecessary damage to wildlife habitat.	➤ Remove all garbage and debris from the area of the land use operation. ➤ Instruct the Permittee to be careful when using machinery.	➤ Remove Garbage ➤ Habitat Damage
<b>Archaeological Sites and Monuments</b> ➤ No impacts expected		
<b>Heritage Sites/Traditional Use Areas</b> ➤ No impacts expected		

<p><b>Recreational/Aesthetic Areas</b></p> <ul style="list-style-type: none"> <li>➤ Potential unsightliness or erosion from not sloping side hill cuts or waste material in areas of public use.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Instruct the Permittee to slope waste material excavations and embankments after use.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Excavations and embankments</li> <li>➤ Waste Material Piles.</li> <li>➤ Clean work area</li> </ul>
<p><b>Community Comments</b></p> <ul style="list-style-type: none"> <li>➤ No comments from communities.</li> </ul>		<p><b>Standard Clauses</b></p> <ul style="list-style-type: none"> <li>➤ Plans</li> <li>➤ Contact GLWB Staff/Inspectors</li> <li>➤ Expiry Date</li> <li>➤ Reports Before Removal</li> <li>➤ Clean Up</li> <li>➤ Closure</li> <li>➤ Only Approved Equipment</li> <li>➤ Stripping of Overburden</li> <li>➤ Restrictions</li> <li>➤ Copy of Permit</li> <li>➤ Identify Agent</li> </ul>