


<b>PEEL WATERSHED FINAL RECOMMENDED LAND USE PLAN CONSISTENCY CHECK</b>	
<b>YESAB Project #</b>	2021-0149
<b>Project Title:</b>	Dempster Highway Granular Pit Development: km 188, 208 and 232
<b>Date:</b>	December 2 <sup>nd</sup> , 2021
<b>Submitted to:</b>	YESAB Dawson Designated Office Bag 6050, Dawson City, Y0B 1G0
<b>Completed by:</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;">           Joe Copper Jack/Sam Skinner            Yukon Land Use Planning Council            201-307 Jarvis St            Whitehorse, Yukon            Y1A 2H3            1-867-667-7397  <a href="mailto:joe@planyukon.ca">joe@planyukon.ca</a> </div> <div style="width: 25%; text-align: center;">             YUKON LAND USE            PLANNING COUNCIL         </div> </div>
<b>More information on PWFRLUP consistency checks:</b>	<a href="https://planyukon.ca/index.php/resources/planning-regions/peel/391-peel-watershed-conformity-checks">https://planyukon.ca/index.php/resources/planning-regions/peel/391-peel-watershed-conformity-checks</a>
<b>Project is consistent to the Approved Peel Watershed Regional Land Use Plan: (select one)</b> <div style="float: right; font-weight: bold; font-size: 1.2em;">Yes</div>	

## Background Information and Conformity Check Analysis

<b>Affected Landscape Management Unit (LMU)(s):</b>							
Map 2 and Section 5							
LM Unit #	3	LMU Name:	Central Ogilvie				
Zoning:	IMA Zone III	Land Owner:	YG				
LM Unit #	5	LMU Name:	Blackstone River				
Zoning:	IMA Zone III	Land Owner:	YG				
<b>Landscape Disturbance Indicators*:</b>							
Surface Disturbance (ha):							
LMU	Cautionary Level	Critical Level	*Current est. Level	Project Estimate	Total Estimate	Notification Rqr'd**	Parties Notified
3	1379	1838	Not yet provided	~ 39.5	Not determined	No	No
5	1346	1795	Not yet provided		Not determined	No	No
Linear Disturbance (km):							
LMU	Cautionary Level	Critical Level	*Current est. Level	Project Estimate	Total Estimate	Notification Rqr'd**	Parties Notified
3	1379	1838	Not yet provided	~0.5	Not determined	No	No
5	1346	1795	Not yet provided		Not determined	No	No
*Current <u>estimated</u> cumulative effects levels are to be provided by the Plan Parties.							
**The YLUPC shall notify the Parties prior to submitting the conformity check to YESAB if they are concerned cautionary or critical levels may be reached.							

**Special Management Considerations:** (Section 5, LMUs)

LMU	Special Management Consideration
3	<ul style="list-style-type: none"> <li>• IMA Zone III = Integrated Management Area – Moderate Development               <ul style="list-style-type: none"> <li>○ Moderate ecological and heritage/cultural values within a moderately sensitive biophysical setting.</li> <li>○ Conservative levels of land use are consistent with Zone III objectives.</li> </ul> </li> <li>• Subsequent Dempster Highway sub-regional land use plan may apply to eastern part of unit – Dempster Corridor to be managed consistent with IMA Zone III objectives.               <ul style="list-style-type: none"> <li>○ The Plan shows the Dempster Highway Corridor as a two-km-wide corridor for purposes of illustration only.</li> <li>○ sub-regional planning should be completed for the Dempster Highway Corridor. The sub-regional planning area will be defined by the participating governments.</li> </ul> </li> <li>• Major River Corridor management directions apply along the Ogilvie River (see below).</li> </ul>
5	<ul style="list-style-type: none"> <li>• IMA Zone III = Integrated Management Area – Moderate Development               <ul style="list-style-type: none"> <li>○ Moderate ecological and heritage/cultural values within a moderately sensitive biophysical setting.</li> <li>○ Conservative levels of land use are consistent with Zone III objectives.</li> </ul> </li> <li>• Major River Corridor management directions apply along the Ogilvie and Blackstone Rivers.</li> <li>• Dempster Corridor management directions apply near the Dempster Highway.</li> </ul>
Major River Corridor	<ul style="list-style-type: none"> <li>• Major River Corridors are currently defined as centre line of the river channel with a one-km buffer on each side.</li> <li>• To limit potential effects on these rivers, new permanent infrastructure should not be allowed along them.</li> <li>• Maintaining the ecological and visual integrity of Major River Corridors is a key strategy for attaining both environmental and social Plan goals.</li> </ul>
Dempster Highway Corridor	<ul style="list-style-type: none"> <li>• Land adjacent to the Dempster Highway requires special management:               <ul style="list-style-type: none"> <li>○ The Plan shows the Dempster Highway Corridor as a two-km-wide corridor for purposes of illustration only.</li> <li>○ Subsequent Dempster Highway land use plan may apply near the Dempster Highway.</li> <li>○ As with all human-caused disturbances, high standards of restoration should apply to all new surface disturbances within the corridor (e.g., gravel pits and telecommunications infrastructure).</li> </ul> </li> </ul>

**Affected Values and General Management Directions (GMD):** (Section 4)

Only include values identified in LMU. If no GMDs exist or are relevant, do not include in this table.

Ecological Resources:	Corresponding GMD:
<b>WILDLIFE and TERRESTRIAL HABITATS</b>	<ul style="list-style-type: none"><li>• Reduce size, intensity and duration of human-caused physical surface disturbances (e.g., utilize low impact seismic, winter roads and principle of full reclamation).</li><li>• Avoid or reduce activities in significant wildlife habitats during important biological periods (e.g., utilize timing windows).</li><li>• Porcupine Caribou are typically in the region during winter period (December – March)</li><li>• The project areas are in Peregrine and Gyrfalcon key areas</li><li>• Reduce other human land use-related disturbances such as noise, smell and light.</li></ul>
<b>HYDROLOGY and AQUATIC HABITATS</b>	<ul style="list-style-type: none"><li>• Minimize surface and vegetation disturbance in riparian areas.</li><li>• Avoid or minimize industrial land use activities in wetlands and riparian areas.</li><li>• Avoid in-stream aggregate (gravel) extraction.</li><li>• Prohibit direct disturbance to sensitive over-wintering and spawning habitats.</li></ul>
Heritage, Social, Cultural Resources:	Corresponding GMD:
	<ul style="list-style-type: none"><li>• Avoid or minimize land use conflicts by avoiding or reducing the level of land use activities in important subsistence harvesting and current community use areas.</li><li>• Avoid or reduce activities in significant heritage and current community use areas during important seasonal use periods (e.g., utilize timing windows).</li><li>• Where impacts to identified heritage and cultural sites and resources may occur, implement the following appropriate mitigation practices.</li><li>• Establish work camps associated with resource exploration and development activity near areas of resource production, and away from identified heritage routes, historic sites, and current community use areas.</li><li>• Implement immediate stop work orders if evidence of heritage or cultural values is detected, to assess significance.</li></ul>
Economic Development:	Corresponding GMD:
Aggregate Resources	At this time, specific policy recommendations regarding aggregate resources are not required.

**Plan Recommended Best Management Practices:**

Water	Best Management Practices for Works Affecting Water in Yukon. Water Resources Branch, Yukon Environment. May 2011. Available online: <a href="http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.pdf">http://www.env.gov.yk.ca/publications-maps/documents/bestpractes_water.pdf</a> This document has a number of recommendations on culverts.
-------	--

**Additional Analysis or Comments:**

- This project falls within the Ogilvie Major River Corridor, where ecological and visual integrity are to be maintained. However, this project, as described, will likely impact the visual integrity of the corridor. The proponent should site the camp and other activities to minimize these impacts.
- The Plan recognizes the importance of the Dempster Highway, and thus it can be implied that maintenance of the highway is supported by the Plan.
- The Plan calls for sub-regional planning for the Dempster Corridor. However, since this project is not a new land use and is of limited extent, it has limited implications and requirements for sub-regional planning.
- The project occurs in a community use area likely related to harvesting fish and Porcupine Caribou; therefore, this project should be timed as early as possible to avoid the fall migration and harvesting. Consult with residents of the nearby settlement lands and the regional biologist. The project also falls near potential fish over-wintering habitat.
- The boundary between LMUs 3 & 5 is the Dempster Highway, and therefore both LMUs are implicated in this project. However, the management directions for these LMUs are very similar.