

## Mining Projects in Canada for Which Companies are Proposing the Use of Natural Water Bodies for Mine Waste Disposal

Updated November 2007

This table identifies mining projects for which mining companies are proposing to use natural, fish-bearing water bodies for mine waste disposal. With the exception of the Doris North and Meadowbank Projects, no decision has been made regarding the use of these water bodies for mine waste disposal. For those projects that are currently undergoing environmental assessment (EA), the outcomes of these EAs cannot be pre-supposed.

Project Name	Proponent	Province/ Territory	Water Body	Status
<b>Projects for which the Government of Canada intends to proceed with proposed amendments to the Metal Mine Effluent Regulations (MMER), designating water bodies as Tailings Impoundment Areas (TIAs)</b>				
Doris North Project	Miramar Mining Corp. <a href="http://www.miramarming.com/">http://www.miramarming.com/</a>	Nunavut	Tail Lake	<ul style="list-style-type: none"> <li>• EAs have been completed under the terms of the <i>Nunavut Land Claims Agreement</i> and the <i>Canadian Environment Assessment Act</i> (CEAA).</li> <li>• EAs included consultation and an assessment of alternatives to the use of Tail Lake as a tailings impoundment area (TIA).</li> <li>• Project is located on Inuit land and the Inuit have strongly supported the use of the lake as a TIA.</li> <li>• A habitat compensation plan has been developed, and the Department of Fisheries and Oceans (DFO) has formally recommended that Environment Canada (EC) proceed with Amendments to the <i>Metal Mining Effluent Regulations</i> (MMER) to designate Tail Lake as a TIA.</li> <li>• For further information: <a href="http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/PREVIOUS_REVIEWS/05MN047-DORIS_NORTH_2006/">http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/PREVIOUS_REVIEWS/05MN047-DORIS_NORTH_2006/</a></li> </ul>
Meadowbank Project	Agnico-Eagle Mines Ltd. (formerly Cumberland Resources) <a href="http://www.agnico-eagle.com/">http://www.agnico-eagle.com/</a>	Nunavut	northwest arm of Second Portage Lake	<ul style="list-style-type: none"> <li>• EAs have been completed under the terms of the <i>Nunavut Land Claims Agreement</i> and CEAA.</li> <li>• EAs included consultation and an assessment of alternatives to the use of the northwest arm of Second Portage Lake as a TIA.</li> <li>• Project is located on Inuit land, and the Inuit have provided technical comments to ensure that the proposed TIA is designed, operated and decommissioned in an environmentally responsible manner. All issues raised by the Inuit during the EA have been resolved sufficiently that, in their view, the Project can proceed.</li> <li>• A habitat compensation plan has been developed, and DFO has formally recommended that EC proceed with Amendments to the MMER to designate the arm of the lake as a TIA.</li> </ul>

				<ul style="list-style-type: none"> <li>For further information:  <a href="http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/PREVIOUS_REVIEWS/03MN107-MEADOWBANK_GOLD_PROJECT/">http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/PREVIOUS_REVIEWS/03MN107-MEADOWBANK_GOLD_PROJECT/</a> </li> </ul>
<b>Projects for which the Government of Canada expects to proceed with proposed amendments to the MMER, designating water bodies as TIAs</b>				
Carol Mine	Iron Ore Company of Canada <a href="http://www.ironore.ca">http://www.ironore.ca</a>	Newfoundland and Labrador	Wabush Lake	<ul style="list-style-type: none"> <li>This is an existing project, and the proponent has been depositing tailings into the lake since the early 1960s.</li> <li>A screening level EA was carried out on the proposed designation of the lake as a TIA, and there has been local public consultation.</li> <li>DFO, with support from EC, is currently consulting with Aboriginal communities potentially affected by the designation of the lake as a TIA, and the associated habitat compensation plan.</li> <li>For further information:  <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=20422">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=20422</a> </li> </ul>
Wabush Mine	Cleveland Cliffs Inc. <a href="http://www.cleveland-cliffs.com">http://www.cleveland-cliffs.com</a>	Newfoundland and Labrador	Flora Lake	<ul style="list-style-type: none"> <li>This is an existing project, and the proponent has been depositing tailings into the lake since the early 1960s.</li> <li>DFO, with support from EC, is currently consulting with Aboriginal communities potentially affected by the designation of the lake as a TIA, and the associated habitat compensation plan.</li> </ul>
<b>Projects for which the outcome of EA is not yet known</b>				
Kemess North	Northgate Minerals Corp. <a href="http://www.northgateexploration.com">http://www.northgateexploration.com</a>	British Columbia	Duncan Lake	<ul style="list-style-type: none"> <li>A Panel assessment was conducted jointly under provincial EA legislation and CEAA.</li> <li>The EA process is complete; the Panel recommended that the project not proceed as it was “not in the public interest” and a decision from the responsible Ministers is expected any time.</li> <li>For further information:  <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=3394">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=3394</a>  <a href="http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_226.html">http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_226.html</a> </li> </ul>
Kutcho Creek	Western Keltic Mines Inc. <a href="http://www.westernkeltic.com">http://www.westernkeltic.com</a>	British Columbia	Andrea Creek watershed	<ul style="list-style-type: none"> <li>An EA has been initiated under provincial EA legislation. An EA under CEAA has not yet been initiated.</li> <li>For further information:  <a href="http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_264.html">http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_264.html</a> </li> </ul>
Ruby Creek	Adanac Molybdenum Corp. <a href="http://www.adanacmoly.com">http://www.adanacmoly.com</a>	British Columbia	Ruby Creek watershed	<ul style="list-style-type: none"> <li>An EA has been initiated under provincial EA legislation and a screening EA has been initiated under CEAA.</li> <li>For further information:  <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=23875">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=23875</a>  <a href="http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_258.html">http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_258.html</a> </li> </ul>
Prosperity	Taseko Mines Ltd.	British	Fish Lake	<ul style="list-style-type: none"> <li>An EA has been initiated under provincial EA legislation. An EA under</li> </ul>

	<a href="http://www.tasekomin.es.com">http://www.tasekomin.es.com</a>	Columbia		<p>CEAA has not yet been formally initiated, but a Panel EA has been recommended.</p> <ul style="list-style-type: none"> <li>For further information: <a href="http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_6.html">http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_6.html</a></li> </ul>
Bucko Lake	Crowflight Minerals Inc. <a href="http://www.crowflight.com">http://www.crowflight.com</a>	Manitoba	Bucko Lake	<ul style="list-style-type: none"> <li>A screening level EA has been initiated under CEAA.</li> <li>The project has been reviewed under provincial legislation, and the province has indicated its intention to grant an Environmental Act License for the project once the CEAA EA is complete.</li> <li>For further information: <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=30013&amp;ForceNOC=Y">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=30013&amp;ForceNOC=Y</a></li> </ul>
Yellowknife Gold	Tyhee NWT Corp. <a href="http://www.tyhee.com">http://www.tyhee.com</a>	Northwest Territories	Winter Lake	<ul style="list-style-type: none"> <li>EA has been initiated under the terms of the Mackenzie Valley Resources Management Act.</li> <li>EA is not proceeding at this time, pending further input from the project proponent.</li> <li>For further information: <a href="http://www.mveirb.nt.ca/registry/project.php?project_id=25">http://www.mveirb.nt.ca/registry/project.php?project_id=25</a></li> </ul>
High Lake	Zinifex Ltd. (formerly Wolfden Resources Inc.) <a href="http://www.zinifex.com">http://www.zinifex.com</a> <a href="http://www.wolfdenresources.com">http://www.wolfdenresources.com</a>	Nunavut	High Lake	<ul style="list-style-type: none"> <li>EAs have been initiated under the terms of the Nunavut Land Claims Agreement and CEAA.</li> <li>The proponent is proposing to use a lake for tailings disposal, but contends that the lake is not fish-bearing.</li> <li>The presence or absence of fish in the lake is to be confirmed by DFO. If the lake is not fish-bearing then designation as a TIA would not be required for use of the lake for tailings disposal.</li> <li>For further information: <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=30107">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=30107</a> <a href="http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/CURRENT_REVIEWS/06MNO82-WOLF DEN_HIGH LAKE/">http://ftp.nunavut.ca/nirb/NIRB_REVIEWS/CURRENT_REVIEWS/06MNO82-WOLF DEN_HIGH LAKE/</a></li> </ul>
Long Harbour Commercial Processing Plant	Voisey's Bay Nickel Company (CVRD-INCO)(formerly INCO) <a href="http://www.vbnc.com/">http://www.vbnc.com/</a>	Newfoundland and Labrador	Sandy Pond	<ul style="list-style-type: none"> <li>The company is proposing to establish a hydrometallurgical facility in Long Harbour, NF. This facility would process concentrate to produce nickel, copper and cobalt for the commercial market.</li> <li>This type of facility is not currently subject to the MMER. However, the company has proposed that the waste material generated by the facility be deposited in a natural, fish-bearing water body.</li> <li>An EA has been initiated under provincial EA legislation and a screening EA has been initiated under CEAA.</li> <li>If the EA recommends that the pond be used for waste disposal, then an amendment to the MMER to include this type of facility will be considered.</li> <li>For further information: <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=23173">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=23173</a> <a href="http://www.env.gov.nl.ca/env/Env/EA%202001/Project%20Info/1243.htm">http://www.env.gov.nl.ca/env/Env/EA%202001/Project%20Info/1243.htm</a></li> </ul>

**Other Projects**

Red Chris	Imperial Metals Corp. (formerly BcMetals Corp.) <a href="http://www.imperialmetals.com">http://www.imperialmetals.com</a>	British Columbia	Quarry Creek? (to be confirmed)	<ul style="list-style-type: none"><li>• An EA was completed under provincial EA legislation and a screening level EA was completed under CEAA. Both EAs concluded that the project may proceed.</li><li>• The validity of the CEAA screening EA has been annulled by the Federal Court; this decision is under appeal as of October 2007.</li><li>• No decision will be made regarding the proposed use of the stream as a TIA until the court challenge has been resolved.</li><li>• For further information: <a href="http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=3181">http://www.ceaa.gc.ca/050/Viewer_e.cfm?CEAR_ID=3181</a> <a href="http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_238.html">http://www.eao.gov.bc.ca/epic/output/html/deploy/epic_project_home_238.html</a></li></ul>
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