

AMENDMENT TO PERMIT

Pursuant to the *Water Resources Act*, SNL 2002 cW-4.01, specifically Section(s) 49

Date: **MAY 07, 2021**

File No: **550-01-04-05-017**

Permit No: **PRO10596-2021**

Amendment No: **1**

Permit Holder: **Search Minerals Inc.
#211, 901 West 3rd Street
North Vancouver, BC
V7P 3P9**

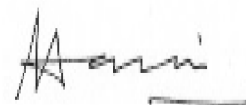
Attention: 

Re: **St. Lewis - Tub Harbour Pond PPWSA - Mineral Exploration - Search Minerals**

The original Permit dated FEBRUARY 04, 2021 is amended as follows:

1. Condition 32 is to be replaced with: All silt, sludge, sediment, cuttings, drilling additives, and drilling mud must be collected, properly disposed of and not permitted to flow freely over the ground into any receiving waterbody, including wetlands. A layered risk mitigation approach is required.
2. Amendment and addition of terms or conditions as per Appendix A.

All other terms and conditions of the original Permit will apply and failure to comply with the terms and conditions of this amendment and the original Permit will render this Permit null and void, place the Permit Holder and their agent(s) in violation of the *Water Resources Act* and make the Permit Holder responsible for taking any remedial measures as may be prescribed by this Department.



(for) MINISTER

APPENDIX A
Terms and Conditions for Amendment

- 58 The primary layer of risk mitigation, where physical conditions allow, shall consist of the construction of a temporary sump pit. The temporary sump pit shall be constructed on the down-slope side of the drill pad to collect discharge waters and to allow solids to settle out. In areas where it is physically impossible to dig a sump pit, a settling tank will be required. Performance of the sump pit or settling tank during operations and after heavy rainfall events should be monitored on an hourly basis and any issues reported to the Water Resources Management Division of this Department.
- 59 The secondary layer of risk mitigation shall consist of, but may not be limited to, some combination of additional temporary sump pits, sediment traps, interceptor ditches of sump pit runoff prior to discharge into any waterbody, settling tanks or constructed settling ponds. The design of secondary risk mitigation layers shall be approved by the Environmental Scientist prior to any development activity.
- 60 During heavy precipitation events all primary and secondary risk mitigation measures will be inspected hourly to ensure there is no loss of water or sediment and all problems reported immediately to the Environmental Scientist at (709) 637-2542 and the appropriate Municipal Authority or Watershed Monitoring Committee at (709) 939-2282 or the on-site monitor.
- 61 Material collected in a settling tank as part of a primary risk mitigation layer can be buried outside of the PPWSA or outside of any buffer zone within the PPWSA, if conditions are suitable.
- 62 Should an accumulated mass of material from the drilling activity be collected by either the primary or secondary risk mitigation layer, the accumulation shall be excavated and deposited in the sump pit prior to rehabilitation.
- 63 Prior to completion of the project, sump pits/trenches/test pits/any engineered excavation for the retention of sediment shall be rehabilitated appropriately. Rehabilitation may include backfilling of stockpiled materials such as subsoils and till, re-covering the backfilled site with stockpiled organic cover and any additional organic materials, seeding, or other measures.
- 64 Water, runoff or effluent must not be discharged within buffer zones of a waterbody, including wetlands, nor in such a manner that it has a direct surface route back to a body of water.

- 65 The percentage of land disturbance from drill pad sites and trails in any sub-watershed within the PPWSA, as represented in the attached location map, must not exceed 5% of that sub-watershed area.
- 66 There shall be no reinjection of silt, sludge, sediment, cuttings, drilling additives, and drilling mud back into the drill hole.
- 67 In the event that there are visible solids observed beyond the final sediment control structures, the Proponent shall collect one water sample per day at the nearest receiving waterbody for RCAP-MS/specified parameter analysis for the duration of the event.
- 68 In the case of an event that may impact drinking water quality, the Proponent's Contingency Plan shall be followed.
- 69 The Department reserves the right to have/All silt, sludge, sediment, cuttings, drilling additives, and drilling mud must be collected and disposed of at a waste disposal site approved by the Department of Digital Government and Service NL in accordance with the Environmental Protection Act, SNL, 2002 cE-14.2. This material shall not be left on the ground, nor buried in a sump. This material shall not be disposed of anywhere within a Protected Public Water Supply Area without explicit written permission from the Water Resources Management Division.
- 70 All storm runoff shall be diverted away from any engineered excavation for the retention of sediment (e.g. sump, sediment basin, settling pond).
- 71 All boreholes shall be sealed with bentonite to prevent any artesian flow and the collar must be removed at the end of the drilling season or the end of the calendar year, whichever comes first.
- 72 Channels to be completed must not extend inside any buffers identified in Condition 5 and the removal of overburden and rock must not contribute to soil erosion toward a water body.

- cc: Amir Ali Khan, Ph.D., P.Eng.
Manager, Water Rights, Investigations and Modelling Section
Water Resources Management Division
Department of Environment and Climate Change
P.O. Box 8700
4th Floor, West Block, Confederation Building
St. John's, NL A1B 4J6
akhan@gov.nl.ca
- cc: Ms. Carla Hayes, P.Tech
Environmental Scientist, Drinking Water and Wastewater Section
Water Resources Management Division
Department of Environment and Climate Change
P.O. Box 2006
Corner Brook, NL A2H 6J8
CarlaHayes@gov.nl.ca
- cc: Ms. Leah Burry
Water Resources Tech II , Water Rights, Investigations & Modeling Section
Water Resources Management Division
Department of Environment and Climate Change
LeahBurry@gov.nl.ca
- cc: Town of St. Lewis
Ms. Lorraine Poole
P.O. Box 106
St. Lewis, NL A0K 4W0
stlewistownoffice@nf.aibn.com
- cc: Ms. Paula Dawe, P.Eng.
Manager, Drinking Water and Wastewater Section
Water Resources Management Division
Department of Environment and Climate Change
P.O. Box 8700
4th Floor, West Block, Confederation Building
St. John's, NL A1B 4J6
pauladawe@gov.nl.ca
- cc: Shabnam Mostofi, Ph.D., P.Eng.
Environmental Engineer
Water Resources Management Division Department
of Environment and Climate Change
ShabnamMostofi@gov.nl.ca
- cc: Ms. Kimberly R. Halfyard (Western - Labrador)
Technical Inspector
GSC - Corner Brook, Service NL
Sir Richard Squires Building
Mount Bernard Avenue, P.O. Box 2006
Corner Brook, NL A2H 6J8
KimberlyHalfyard@gov.nl.ca

cc: Ms. Susan Hoddinott (Western/Labrador)
Regional Director
Digital Government and Service NL
PO Box 2006
Corner Brook NL A2H 6J8
SusanHoddinott@gov.nl.ca

cc: Matthew Snow
Mineral Exploration Approvals Geologist
(Acting) Mineral Lands Division
Dept of Natural Resources
matthewsnow@gov.nl.ca