



# Province of British Columbia

## *Water Act*

### CONDITIONAL WATER LICENCE

The holder of Coal Lease 417059 and Coal Lease 417609 held under Land File 8014357 to which this licence is appurtenant is hereby authorized to divert and use water as follows:

- a) The streams on which the rights are granted are locally known as GT16, GT16C, GT16E, GT20, GT22A, GT22E, GT22C, GT26, GT28, GT32, GT42A.
- b) The points of diversion are located as shown on the attached plan: Appendix 1 entitled "TRE2014-9\_WaterLicences\_POD\_17x11 (2)."
- c) The date from which this licence shall have precedence is February 5, 2014.
- d) The purposes for which this licence is issued are Industrial (Sediment Control, Dust Control, and Processing).
- e) The maximum quantity of water which may be diverted and used for Industrial (Sediment Control) is total flow, the maximum quantity of water which may be diverted for Industrial (Dust Control) is 1800 cubic metres per day, and the maximum quantity of water which may be diverted for Industrial (Processing) is 2100 cubic metres per day.
- f) The period of the year during which the water may be diverted and used for Industrial (Sediment Control, Dust Control, and Processing) is whole year. The diverted water is a multi-site authorization for Storage (Storage Non-power) held under Conditional Water Licence 131840.
- g) The land upon which the water is to be diverted and used and to which this licence is appurtenant is the mining project of the licensee within Land File 8014357.
- h) The authorized works are dam, diversion channel, flume, outlet, reservoir, spillway which shall be located approximately as shown within Appendix 2 entitled "Water Development Plan for Sedimentation Pond SP-4" (Project No. 1314210030-001-L-Rev0).
- i) The construction of the said works shall be completed and the water shall be beneficially used prior to December 31, 2017. Thereafter, the licensee shall continue to make regular beneficial use of the water in the manner authorized herein.

- j) The existing dam structure "Sedimentation Pond SP-4" authorized under clause (h) is subject to the Dam Safety Regulations and shall be designed, constructed and maintained to the satisfaction of a Dam Safety Officer under the Water Act and in accordance with the Canadian Dam Association Guidelines.
- k) As Constructed Drawings are contained within Appendix 2 entitled "Water Development Plan for Sedimentation Pond SP-4" (Project No. 1314210030-001-L-Rev0).
- l) To construct the works authorized under clause (h) of this licence, the licensee must:
  - (1) Ensure that the plans for the works to be constructed are signed and sealed by a professional engineer registered in the province of British Columbia (referred to as the Design Engineer);
  - (2) Ensure that a professional engineer in the province of British Columbia (referred to as the Construction Engineer) supervises the construction of works;
  - (3) Submit to an Engineer under the following:
    - a. plans that show the general arrangement of works to be constructed,
    - b. criteria for the design of the works to be constructed,
    - c. criteria for the operation of the works to be constructed, and
    - d. a schedule for the construction of works;
  - (4) Prepare an Environmental Management Plan (refer to as the EMP) for the management and mitigation of construction impacts, which plan is to be to the satisfaction of an Engineer under the Water Act; and
  - (5) Obtain leave to commence construction, in writing, from an Engineer under the Water Act.
- m) The licensee must implement the Environmental Management Plan to the satisfaction of an Engineer under the Water Act.
- n) When the mining operation is completed, the licensee shall re-establish drainage in the area, to the satisfaction of an Engineer under the Water Act.
- o) This water licence does not authorize the disposal or discharge of mine effluent tailings.
- p) Upon cessation of mining operations, the dam and all works associated with the dam shall be removed and the site reclaimed to the satisfaction of an Engineer under the Water Act.
- q) All tail water from the mining operation must be ponded to remove suspended solids before being returned to the stream.
- r) Changes or modifications to the works authorized under clause (h) hereof may be ordered at any time by an Engineer under the Water Act to ensure proper operations of said works.

*DN Franov*

Regional Water Manager