



# Province of British Columbia

## *Water Sustainability Act*

### CONDITIONAL WATER LICENCE

The holder of the Petroleum and Natural Gas leases held under the Petroleum and Natural Gas Lease System to which this licence is appurtenant is hereby authorized to divert, use and store water as follows:

- a) The aquifer on which the rights are granted is Dawson Creek Unconsolidated and storage is in dugouts and a reservoir (dam) named 03-30.
- b) The point of well diversion is located as shown on the attached plan.
- c) The date from which this licence shall have precedence is May 20, 2016.
- d) The purposes for which this licence is issued are Oil and Gas: Hydraulic Fracturing (non-deep groundwater) and Aquifer Storage: non-power.
- e) The maximum quantity of water which may be diverted for an Oil & Gas Purpose is 32,000 cubic metres per year. The maximum quantity of water that can be held in storage is 260,000 cubic metres.
- f) The period of the year during which water may be diverted into storage is April 1 to June 30, and the stored water may be used for Oil & Gas purposes for the whole year.
- g) The undertaking upon which the water is to be used and to which this licence is appurtenant are oil and gas activities associated with various Petroleum and Natural Gas leases held by the licence holder under the Petroleum and Natural Gas Lease System for the Heritage Montney, Swan, Sunrise and Dawson fields, all within the Heritage Montney Regional Field, in the Peace River District..
- h) The authorized works are pump, pipe, ditch, culvert, dugouts and reservoir (dam) which shall be located approximately as shown on the attached plan.
- i) The construction of the said works shall be completed and the water shall be beneficially used prior to August 31, 2017. Thereafter, the licensee shall continue to make regular beneficial use of the water in the manner authorized herein.
- j) The dam authorized under clause (h) is subject to the Dam Safety Regulation and shall be designed, constructed and maintained to the satisfaction of a Dam Safety Officer under the

Water Sustainability Act and in accordance with the Canadian Dam Association Guidelines.

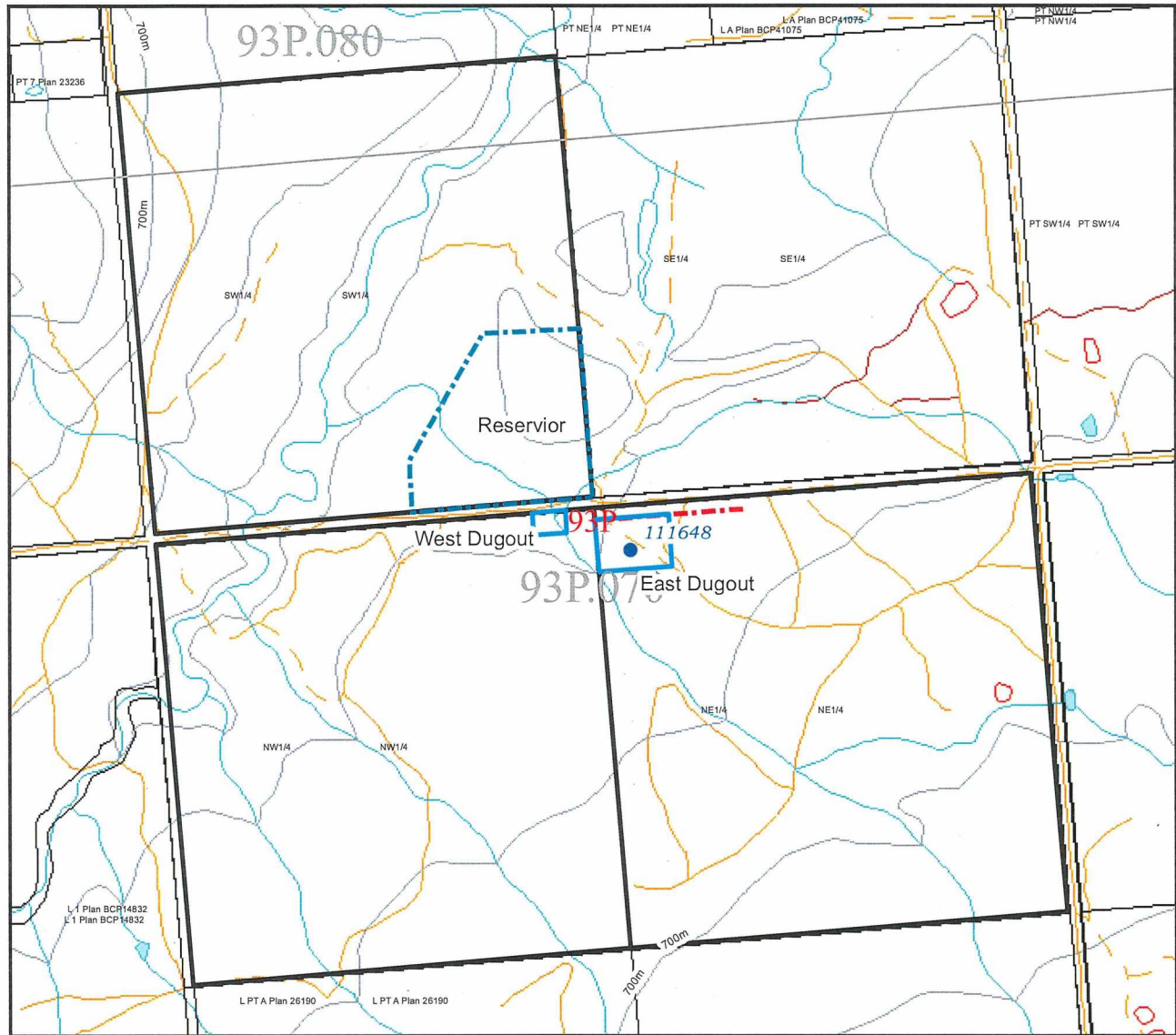
- k) The construction of the dam authorized in clause (h) shall not commence until plans prepared by a professional engineer (P.Eng.) registered in British Columbia have been submitted and written leave to commence construction has granted by the Dam Safety Officer under the Water Sustainability Act.
- l) The licence holder shall keep records on daily water withdrawals in units of cubic metres. This information will be submitted to the Water Manager on a quarter-annual basis, on or before January 25, April 25, July 25 and October 25, for the preceding three month period. The requirement for water use reporting can be amended from time to time, as directed by the Water Manager.
- m) This licence terminates on December 31, 2026. Prior to the termination date, the licensee may apply to the Comptroller of Water Rights or the Water Manager in accordance with the provisions of the Water Sustainability Act to amend this licence to extend its term.
- n) This licence is issued under the Water Sustainability Act (the Act). The exercise of rights under the licence is subject to the Act and its regulations, the terms and conditions of the licence, orders under the Act and the rights of licensees whose rights have precedence on the stream or on an aquifer. The licensee must comply with all such requirements, as well as the provisions of all other applicable enactments. In exercising rights under the licence, the licensee must exercise reasonable care to avoid damaging land, works, trees or other property, and must make full compensation to the owners for damage or loss resulting from construction, maintenance, use, operation or failure of the works.



Regional Water Manager



BRITISH COLUMBIA



WATER DISTRICT: Peace River  
PRECINCT: Dawson Creek  
LAND DISTRICT: Peace River

Signature: *[Handwritten Signature]*

LEGEND:  
Scale: 1:12,000  
Well ( Well Tag Number ): ● 111648  
Map Number: 93P070  
Ditch - - - - -

Date: *August 26, 2016*

The boundaries of the land to which this licence is appurtenant are shown thus:

C.L. C500022  
File: 20001963