



January 26, 2018

**File: 2003606**

**Greater Vancouver Water District**  
Water Services, c/o Farshad Mortazavi  
11th Floor-4330 Kingsway  
Burnaby BC V5H 4G8

**Dear Sir or Madam:**

**Re: Water Licence Application WLA20130426-0001**

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The investigation of the above application has been completed. Please find enclosed a copy of Conditional Water Licence C133133 and Plat for Water Power (general) purpose on Capilano River. Please make careful note of all its conditions.

Please read the documents carefully. Any error(s) in these documents should be brought to the attention of this office as soon as possible.

If the location of the authorized works in your licence is changed during construction, this can require a Change of Works review to be conducted at that time. A Change of Works review may require additional studies, consultation, or the re-issuing of an updated water licence.

The licence holder must obtain Leave to Commence Construction (LTCC) prior to constructing the works and submit engineering design drawings, design criteria and specifications to the Water Manager for approval for issuance of the LTCC.

The licence holder must submit a Construction Environmental Management Plan (CEMP) to the Water Manager for approval prior to issuance of the Leave to Commence Construction.

Any alteration and associated works to the existing Cleveland Dam must not commence until a Leave to Construct is issued by the Dam Safety Officer under the Water Sustainability Act.

- A Dam Safety Interim Risk Management Plan must be submitted to the Dam Safety Officer for acceptance prior to issuance of Leave to Construct.

The licensee must obtain a Leave to Commence Diversion (LTCD) for operation of works and approval of the following is required by the Water Manager prior to issuance of the LTCD:

- An Operating Parameters and Procedures Report,

The licence holder is required to retain an Independent Engineer and an Environmental Monitor,

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the selection of whom is subject to the approval of the Water Manager.

The licence holder shall operate the facility in accordance with the ramping rates specified in the Joint Water Use Plan approved by the Comptroller of Water Rights;

The attached water licence does not constitute authority of any other agency. The applicant shall obtain all other required authorizations or permits from the concerned agencies.

Please note the following:

- 1) Water licences do not authorize entry on privately owned land for the construction of works, or flooding. Permission of the affected landowner must be obtained or an easement expropriated. For your protection, permission should be in writing and registered with the appropriate Land Title Office.
- 2) Permission for installing works on lands or roadways which are under the jurisdiction of any government agency, must be obtained from the agency concerned.

Please contact FrontCounter BC to assist you with notifications and any applications required if:

- a) there is any change in your mailing address;
- b) you sell the land to which the licence is appurtenant;
- c) you propose to subdivide the land to which the licence is appurtenant; or
- d) you propose to alter the works authorized under the licence.

In order for you to keep your water licence in good standing, the following must be observed:

- a) continued beneficial use of water, as authorized under your licence;
- b) payment of annual rentals;
- c) compliance with the terms of your licence; and
- d) compliance with the terms of the *Water Sustainability Act*.

The *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. Information on filing an appeal can be found on the Environmental Appeal Board Website at: <http://www.eab.gov.bc.ca/>. A right of appeal from my decision lies to the Environmental Appeal Board. Notice of any appeal must (1) be in writing; (2) include grounds for the appeal; (3) be directed by registered mail to the Chair, Environmental Appeal Board, PO Box 9425 Stn Prov Govt., V8W 9V1 or personally delivered to the office of the Board at 4th Floor, 747 Fort Street in Victoria, BC V8W 3E9, [eabinfo@gov.bc.ca](mailto:eabinfo@gov.bc.ca); (4) be delivered within 30 days of receiving this letter, and (5) be accompanied by a fee of \$25.00, payable to the Minister of Finance.

If you have any questions or concerns, please contact this office.

Yours truly,



Remko Rosenboom, M.Sc., A.Ag.  
Water Manager

Enclosure(s)

pc: Comptroller of Water Rights  
Dam Safety Section, Water Management Branch, Victoria  
Dan Snee, Department of Fisheries and Oceans Canada  
Squamish First Nation  
Tsleil Waututh Nation  
Musqueam Nation  
Sto:lo Tribal Council  
Sto:lo Nation  
Shxw'ow'hamel First Nation  
Skawahlook First Nation and  
Soowahlie First Nation



# Province of British Columbia

## *Water Sustainability Act*

### CONDITIONAL WATER LICENCE

The Greater Vancouver Water District is hereby authorized to divert and use water as follows:

- a) The stream on which the rights are granted is Capilano River, tributary to Burrard Inlet.
- b) The point of diversion denoted as PD185688 is on Capilano Reservoir, at an elevation of 132.0 meters above sea level, and is located as shown on the attached plan.
- c) The date from which this licence shall have precedence is March 26, 2013.
- d) The purpose for which this licence is issued is Power (general), which is to be generated with the Capilano River Generating Station.
- e) The maximum quantity of water which may be diverted and used under this licence is 27.0 cubic meters per second for Power (general) subject to the following:
  - 1. Minimum flows from Cleveland Dam, as measured at point of discharge below the dam, shall be released into the lower Capilano River for fisheries and recreation interests, as per the Capilano Seymour Joint Water Use Plan (JWUP) Order, dated January 26, 2018, issued by the Comptroller of Water Rights (copy of the order is attached);
  - 2. The works shall be operated in such a manner as to maintain drinking water flow releases as first priority, provide environmental flow releases as second priority and hydroelectric generation as third priority;
  - 3. The Capilano River Generating Station shall be operated as per the parameters specified in the JWUP Order; and
  - 4. The Palisade Lake storage authorized under Final Water Licence F008692 shall not be used to augment the volume of water stored in Capilano Reservoir for power purpose.
- f) The period of the year during which the water may be used is the whole year.
- g) This licence is appurtenant to the undertaking of the Greater Vancouver Water District to generate and supply power from the powerhouse of the Capilano River Generating System situated on that part of District Lot 593 (Explanatory Plan 3700), Group 1, New Westminster District; Except: part in Explanatory Plan 6685 and Part in Explanatory Plan 16271.

h) The works authorized for the Capilano River Generating System are:

1. Diversion channel and intake;
  2. Power tunnel and vertical shaft;
  3. Access roads;
  4. Powerhouse, tailrace and switch yard; and
  5. Transmission line, to the expanded Metro Vancouver 69 kV substation.
- which shall be located approximately as shown on the attached plan.

i) The project development term of this licence is 10 years from the date of issuance of this licence and the construction of the said works shall be completed and the water shall be beneficially used prior to expiry of this term. Thereafter, the licensee shall continue to make regular beneficial use of the water in the manner authorized herein.

j) Before commencing construction of the works authorized under clause h) of this licence, the licensee must to the satisfaction of the Engineer under the Water Sustainability Act (the "Engineer") or the Water Manager:

1. Retain a Professional Engineer registered in the Province of British Columbia (the "Independent Engineer") who will provide services to the Engineer or the Water Manager for the regulation of construction of the works;
2. Retain a person with professional qualifications (the "Environmental Monitor") who will monitor environmental impacts during the construction of the works;
3. Submit the following:
  - a. plans that show the general arrangement of the works;
  - b. criteria for the design of the works;
  - c. criteria for the operation of the works;
  - d. a schedule for the construction of the works; and
  - e. a Construction Environmental Management Plan (CEMP) for the management and mitigation of construction impacts;
4. Any alteration to the existing Cleveland Dam, is subject to the Dam Safety Regulation, and shall be designed, constructed, and maintained to the satisfaction of Dam Safety Officer under the Water sustainability Act and in accordance with the Canadian Dam Association Guidelines and the licensee must:
  - a. Submit a Dam Safety Interim Risk Management Plan to the Dam Safety Officer for acceptance prior to any alteration of the existing Cleveland Dam.
5. Obtain Leave to Commence Construction (LCC) in writing from the Engineer or the Water Manager.

k) Before undertaking construction of any component of works listed in clause h) above, for which the LCC is issued under j) 5. above, the licensee must:

1. Ensure that the design drawings for the works to be constructed are signed and sealed by a Professional Engineer registered in the Province of British Columbia (the "Design Engineer");
  2. Ensure that a Professional Engineer registered in the Province of British Columbia (the "Construction Engineer") supervises the construction of the works; and
  3. Obtain Leave to Construct from the Independent Engineer that the actual construction of that component work may proceed.
- l) The licensee must operate the works authorized under clause (h) of this licence in accordance with the JWUP Order, dated January 26, 2018, or any amendment to the Order, issued by the Comptroller of Water Rights;
1. Before commencing the diversion and use of water for commissioning of the works, the licensee must:
    - a. Submit an Operating Parameters and Procedures Report (OPPR) for acceptance by the Water Manager for the operation of the works;
    - b. Submit a draft Operation, Maintenance and Surveillance (OM&S) Manual and draft Dam Emergency Plan (DEP) for acceptance by the Dam Safety Officer; and
    - c. Obtain Leave to Commence Diversion and use of water authorized in this licence in writing from the Water Manager.
- m) The diversion of water authorized under this licence may be restricted or prohibited at any time by an Order in writing of an Engineer under the Water Sustainability Act or the Water Manager, for the regulation of the diversion, rate of the diversion, and use of the water as may be required for the preservation of fish, wildlife, or navigation.
- n) The drawings of record that show the works as they were constructed, must be stored and archived, and shall be provided for review when directed by the Water Manager.
- o) Within one year of operations, submit a final Operation, Maintenance and Surveillance Manual and final Dam Emergency Plan for acceptance to the Dam Safety Officer.
- p) The project operational term of this licence is for a period of 40 years commencing from the expiry date of the project development term authorized under clause (i) of this licence, or commencement of power production date, whichever occurs earlier.
- q) This licence is granted subject to the reservation under Order in Council 544/2005.

A handwritten signature in black ink, appearing to read 'Remko', with a long horizontal stroke extending to the right.

Remko Rosenboom, M.Sc., A.Ag.  
Water Manager