



June 29, 2017

Tracking Number: 362279  
Authorization Number: 1800

**REGISTERED MAIL**

FORTISBC INC  
100-1975 SPRINGFIELD RD  
KELOWNA BC V1Y 7V7

Dear Permittee:

Enclosed is Amended Permit 1800 issued under the provisions of the *Environmental Management Act*. Your attention is respectfully directed to the terms and conditions outlined in the permit. An annual fee will be determined according to the Permit Fees Regulation.

This permit does not authorize entry upon, crossing over, or use for any purpose of private or Crown lands or works, unless and except as authorized by the owner of such lands or works. The responsibility for obtaining such authority rests with the Permittee. This permit is issued pursuant to the provisions of the *Environmental Management Act* to ensure compliance with Section 120(3) of that statute, which makes it an offence to discharge waste, from a prescribed industry or activity, without proper authorization. It is also the responsibility of the Permittee to ensure that all activities conducted under this authorization are carried out with regard to the rights of third parties, and comply with other applicable legislation that may be in force.

Although disinfection of the effluent is not required at this time, suitable provisions must be made to include disinfection facilities in the future. If disinfection is by chlorination, dechlorination facilities may also be required.

This decision may be appealed to the Environmental Appeal Board in accordance with Part 8 of the *Environmental Management Act*. An appeal must be delivered within 30 days from the date that notice of this decision is given. For further information, please contact the Environmental Appeal Board at (250) 387-3464.

**Ministry of Environment**

Environmental Protection Division  
Regional Operations Branch  
Authorizations - South

Mailing Address:  
#401 – 333 Victoria Street,  
Nelson, BC, V1L 4K3

Telephone: 250 354 6333  
Facsimile: 250 354 6332  
Website: [www.gov.bc.ca/env](http://www.gov.bc.ca/env)

Administration of this permit will be carried out by staff from the Environmental Protection Division's Regional Operations Branch. Plans, data and reports pertinent to the permit are to be submitted by email or electronic transfer to the Director, designated Officer, or as further instructed.

Yours truly,

A handwritten signature in black ink, appearing to read 'D. Bings', with a large, stylized flourish at the end.

Daniel P. Bings  
for Director, *Environmental Management Act*  
Authorizations - South

Enclosure

cc: Environment Canada

Paul Matteucci: [Paul.Matteucci@fortisbc.com](mailto:Paul.Matteucci@fortisbc.com)



**MINISTRY OF  
ENVIRONMENT**

**PERMIT**

**1800**

*Under the Provisions of the Environmental Management Act*

**FORTISBC INC**

**3100 WEST KOOTENAY ROAD,  
SOUTH SLOCAN, BC, V0G 2G1**

is authorized to discharge effluent to surface water from a sewage treatment plant serving the South Slocan Generating Station located near South Slocan, British Columbia, subject to the requirements listed below. Contravention of any of these requirements is a violation of the *Environmental Management Act* and may lead to prosecution.

This Permit supersedes and replaces all previous versions of Permit 1800 issued under Section 14 of the *Environmental Management Act*.

Capitalized terms referred to in this authorization are defined in the attached Glossary. Other terms used in this authorization have the same meaning as those defined in the *Environmental Management Act* and applicable regulations.

Where this authorization provides that the Director may require an action to be carried out, the Permittee must carry out the action in accordance with the requirements of the Director.

**1. AUTHORIZED DISCHARGES**

1.1 This section applies to the discharge of effluent from the FortisBC Sewage Treatment Plant (formerly W. Kootenay Power) at final discharge. The site reference number for this discharge is E102237.

1.1.1 The maximum authorized rate of discharge is 44 cubic metres per day.

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(most recent)

A handwritten signature in black ink, appearing to read "D. Bings".

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for Director, *Environmental Management Act*  
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- 1.1.2 The characteristics of the authorized discharge must not exceed the following parameters:
- |   |          |
|---|----------|
| 5-day biochemical oxygen demand (BOD <sub>5</sub> ) | 45 mg/L; |
| Total suspended solids (non-filterable residue)     | 60 mg/L. |
- 1.1.3 The discharge is authorized from Authorized Works, which are an activated sludge sewage treatment plant, clarifier, chlorination facilities, an outfall and related appurtenances approximately located as shown on the attached Site Plan.
- 1.1.4 The Permittee must not discharge under this authorization unless the Authorized Works are complete and fully operational.
- 1.1.5 The location of the facilities from which the discharge is authorized to originate and the point where the discharge is authorized to occur is part of District Lot 303, Kootenay District.

## 2. **GENERAL REQUIREMENTS**

### 2.1 **Maintenance of Works and Emergency Procedures**

The Permittee must regularly inspect the authorized works and maintain them in good working order.

In the event of an emergency or condition beyond the control of the Permittee which prevents effective operation of the Authorized Works or leads to an unauthorized discharge, the Permittee must take remedial action to restore the effective operation of the Authorized Works and to prevent any unauthorized discharges. The Permittee must immediately report the emergency or condition and the remedial action that has and will be taken to the RAPP line (1-877-952-7277, #7277 from mobile phone) or electronically at this link: <http://www.env.gov.bc.ca/cos/rapp/form.html>.

The Director may require the Permittee to reduce or suspend operations until the Authorized Works have been restored, and/or corrective steps have been taken to prevent unauthorized discharges.

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## 2.2 Bypasses

The Permittee must not allow any discharge authorized by this authorization to bypass the authorized works, except with the prior written approval of the Director.

## 3. MONITORING REQUIREMENTS

### 3.1 Sampling Procedures

The Permittee must carry out sampling in accordance with the procedures described in the "British Columbia Field Sampling Manual for Continuous Monitoring and the Collection of Air, Air-Emission, Water, Wastewater, Soil, Sediment, and Biological Samples, 2013 Edition (Permittee)" or most recent edition, or by alternative procedures as authorized by the Director.

A copy of the above manual is available on the Ministry web page at [www.env.gov.bc.ca/epd/wamr/labsys/lab\\_meth\\_manual.html](http://www.env.gov.bc.ca/epd/wamr/labsys/lab_meth_manual.html).

### 3.2 Analytical Procedures

The Permittee must carry out analyses in accordance with procedures described in the "British Columbia Laboratory Manual (2015 Permittee Edition)", or the most recent edition or by alternative procedures as authorized by the Director.

A copy of the above manual is available on the Ministry web page at [www.env.gov.bc.ca/epd/wamr/labsys/lab\\_meth\\_manual.html](http://www.env.gov.bc.ca/epd/wamr/labsys/lab_meth_manual.html).

### 3.3 Composite Sampling

The Permittee must install and maintain a sampling facility acceptable to the Director, and collect composite samples of the effluent authorized by Section 1.1 once each 3 months in accordance with this section. The sample must consist of four grab samples collected over a two hour period at maximum flow and mixed to form a single sample. The Permittee must take due care in sampling, storing and transporting the samples to control temperature and avoid contamination, breakage, and any other factor or influence that may compromise the integrity of the samples.

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### 3.4 **Analysis**

The Permittee must collect sample (s) on a frequency outlined in Section 3.3 and obtain analysis of the sample (s) for the following parameters:

- a) 5-day biochemical oxygen demand, mg/L;
- b) Fecal coliforms, M.P.N/100 mL;
- c) Total suspended solids (non-filterable residue), mg/L.

### 3.5 **Flow Measurement**

The Permittee must install and maintain a suitable to the Director, flow measuring device, and record once per week the effluent volume discharged over a 24-hour period. The Permittee must retain the records for inspection by Ministry staff.

## 4. **REPORTING REQUIREMENTS**

### 4.1 **Annual Report**

The Permittee must maintain all data of analysis and flow measurements, new works information and the quality assurance/quality control data for inspection when requested by Ministry staff. The Permittee must submit data and information for the previous calendar year to the Director in a form suitably tabulated, graphically represented and interpreted to the Director. The Permittee must make data submissions within 30 days from the end of the previous calendar year.

The Permittee must submit all data required to be submitted under this section by email to the Ministry's Routine Environmental Reporting Submission Mailbox (RERSM) at [EnvAuthorizationsReporting@gov.bc.ca](mailto:EnvAuthorizationsReporting@gov.bc.ca) or as otherwise instructed by the Director. For guidelines on how to properly name the files and email subject lines or for more information visit the Ministry website:

<http://www2.gov.bc.ca/gov/content/environment/waste-management/waste-discharge-authorization/data-and-report-submissions/routine-environmental-reporting-submission-mailbox>

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#### 4.2 **Non-compliance Notification**

The Permittee must immediately notify the Director or designate by email at [EnvironmentalCompliance@gov.bc.ca](mailto:EnvironmentalCompliance@gov.bc.ca), or as otherwise instructed by the Director of any non-compliance with the requirements of this authorization by the Permittee and take remedial action to remedy any effects of such non-compliance.

The Permittee must provide the Director with written confirmation of all such non-compliance events, including available test results within 24 hours of the original notification by email at [EnvironmentalCompliance@gov.bc.ca](mailto:EnvironmentalCompliance@gov.bc.ca), or as otherwise instructed by the Director.

#### 4.3 **Non-compliance Reporting**

If the Permittee fails to comply with any of the requirements of this authorization, the Permittee must, within 30 days of such non-compliance, submit to the Director a written report that is satisfactory to the Director and includes, but is not necessarily limited to, the following:

- a. all relevant test results obtained by the Permittee related to the noncompliance,
- b. an explanation of the most probable cause(s) of the noncompliance, and
- c. a description of remedial action planned and/or taken by the Permittee to prevent similar noncompliance(s) in the future.

The Permittee must submit all non-compliance reporting required to be submitted under this section by email to the Ministry's Compliance Reporting Submission Mailbox (CRSM) at [EnvironmentalCompliance@gov.bc.ca](mailto:EnvironmentalCompliance@gov.bc.ca) or as otherwise instructed by the Director. For guidelines on how to report a non-compliance or for more information visit the Ministry website:

<http://www2.gov.bc.ca/gov/content/environment/waste-management/waste-discharge-authorization/data-and-report-submissions/non-compliance-reporting-mailbox>.

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#### 4.4 Non-compliance Reporting and Exceedances

The Permittee must cause each data submission required by this authorization to include a statement outlining the number of exceedances of permitted discharges that occurred during the reporting period, the dates of each such exceedance, an explanation as to the cause of the exceedances, and a description of the measures taken by the Permittee to rectify the cause of each such exceedance. If no exceedances occurred over the reporting period, the required statement may instead indicate that no exceedance of permitted discharges occurred during the reporting period.

#### 4.5 Spill Reporting

The Permittee must immediately report all spills to the environment (as defined in the Spill Reporting Regulation) in accordance with the Spill Reporting Regulation, which among other things, requires notification to Emergency Management BC at 1-800-663-3456.

#### 4.6 Licence to Publish Documents

- a. Subject to paragraph b, the Permittee authorizes the Province to publish on the Ministry of Environment website the entirety of any Regulatory Document.
- b. The Province will not publish any information that could not, if it were subject to a request under section 5 of the Freedom of Information and Protection of Privacy Act, be disclosed under that Act.
- c. The Permittee will indemnify and save harmless the Province and the Province's employees and agents from any claim for infringement of copyright or other intellectual property rights that the Province or any of the Province's employees or agents may sustain, incur, suffer or be put to at any time that arise from the publication of a Regulatory Document.

### GLOSSARY

**“Authorized Works”** means an activated sludge sewage treatment plant, clarifier, chlorination facilities, an outfall and related appurtenances approximately located as shown on the attached Site Plan as stated in Section 1.1.3.

**“Facility”** means a sewage treatment plant serving the South Slokan Generating Station

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located near South Slocan, British Columbia.

**“Province”** means Her Majesty the Queen in right of British Columbia;

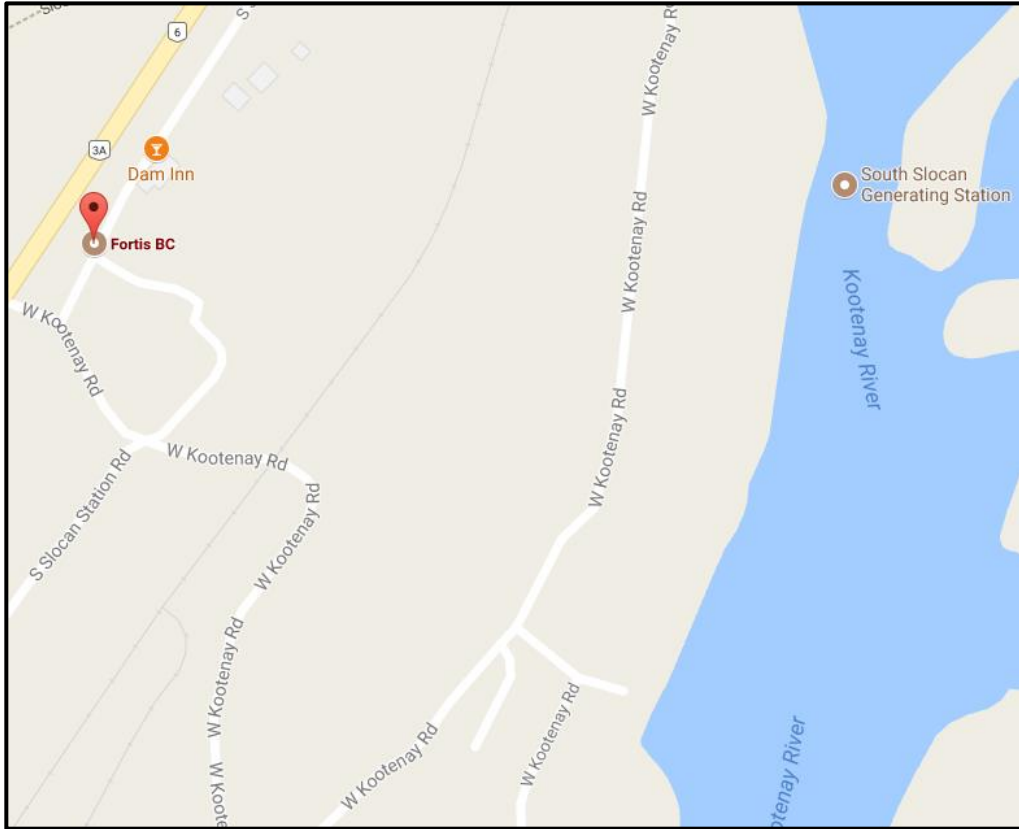
**“Regulatory Document”** means any document that the Permittee is required to provide to the Director or the Province pursuant to: (i) this authorization; (ii) any regulation made under the *Environmental Management Act* that regulates the facility described in this authorization or the discharge of waste from that facility; or (iii) any order issued under the *Environmental Management Act* directed against the Permittee that is related to the facility described in this authorization or the discharge of waste from that facility.

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**SITE PLAN**



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