

Information Sheet:

Rights and Obligations of a Water Authorization Holder

Updated Sept 2016

Ministry of Forests, Lands, Natural Resource Operations and Rural Development

What authority does a water authorization provide?

A water authorization (i.e., licence or use approval) issued under the *Water Sustainability Act* authorizes an authorization holder to, subject to the restrictions in the *Water Sustainability Act* and regulations:

- divert and beneficially use the quantity of water specified in the authorization for the specified purpose and during the specified time;
- store water in accordance with the authorization;
- construct, maintain and operate the works authorized by the authorization that are required for the proper diversion or use of the water or the power produced from the water, which may include, depending on the terms of the authorization:
 - making changes in and about a stream necessary for the construction, maintenance or operation of the authorized works or that are otherwise required to facilitate the authorized diversion; or
 - constructing fences, screens and fish or game guards across streams for the purpose of conserving fish or wildlife.

What rights do I have as a water authorization holder?

The *Water Sustainability Act* also establishes additional entitlements for a water authorization holder which include the right to:

- receive notice from anyone making an application for a water licence or other authorization if there is reason to believe that the authorization holder's rights may be detrimentally affected;
- file an objection if they feel their rights would be affected by granting of an application;
- receive notice of any decision on an application if the authorization holder filed an objection in relation to an application; and
- pursue the expropriation of any privately-owned land reasonably required for the construction, maintenance, improvement and operation of the works or for flooding as authorized under a water licence.

What if works or flooding under a water authorization involves Crown land?

Permits over Crown land (PCL) are typically issued under the *Water Sustainability Act* together with a water authorization. A PCL prevents works (e.g., a water pipeline across Crown land) from being in trespass, but does not provide for the exclusive use of the Crown land.

A water authorization may also be supported by a form of tenure under the *Land Act*, which can provide for the exclusive use of the Crown land.

What is the significance of the date of precedence?

An important condition of a water authorization is the availability of the water and the priority of water rights based on their date of precedence, which is sometimes known as the priority date. The date of precedence establishes who is allowed their full allocation of water first during times of water scarcity or drought. Section 22 of the *Water Sustainability Act* provides the authority to order the reduction or restriction of water diversion and use from a stream (and any hydraulically connected aquifer) or an aquifer (and any other hydraulically connected aquifer) based on the date of precedence.

When more than one authorization has been issued for the same stream or aquifer, the authorization with the earliest priority has first right to available supply. The authorization with the second earliest priority date has second right, and so on. For example, an authorization with a date of precedence of April 15, 1978 has a prior right to water over an authorization with a September 15, 1983 date of precedence.

Section 22 of the *Water Sustainability Act* also establishes a priority of water rights when two authorizations on the same water source have the same date of precedence, with domestic being the highest priority followed by waterworks and irrigation.

How are my rights protected?

The *Water Sustainability Act* establishes several offences related to water protection and water use. Some important offences associated with use include the following:

- willfully hinder or interrupt a holder of an authorization or other permission in the lawful exercise of a right granted under the *Water Sustainability Act* or the authorization or permission;
- willfully destroy, injure or interfere with the works of the holder of an authorization or other permission without lawful authority;
- connect to the works of an authorization holder without authority;
- makes changes in and about a stream without authority;
- diverts water from a stream or aquifer without authority; or
- constructs, maintains, operates or uses works without authority.

How are water use and land use activities managed?

Land management and resource use activities that may have an impact on water users, water quantity or quality, or structures located in or near streams should be brought to the attention of specialists with the Ministry of Forests, Lands and Natural Resource Operations for review.

Staff will identify where there may be conflicts with existing and proposed uses of water and identify authorization holders whose rights may be affected.

What are my obligations to maintain my water authorization in good standing?

Under the *Water Sustainability Act*, a water authorization is subject to cancellation or suspension for reasons, which include the following:

- in the case of a water licence, non-beneficial use of water for 3 successive years for the purposes and in the manner authorized under the water licence;
- failure to pay water rentals for 2 years that are due to the government;
- failure to pay a water bailiff's fees or expenses that are payable for 180 days after the due date;
- failure to comply with a term or a condition that is prescribed in a water authorization;
- failure to construct the authorized works within the time specified in a water authorization;
- making a material misstatement or misrepresentation in an application or in information required to be provided to the comptroller, a water manager or an engineer;
- making a material misstatement or misrepresentation in a beneficial use declaration;
- non-compliance with an order to the comptroller of water rights, a water manager or an engineer;
- cancellation or the termination of the authorization holder's title to the land, mine or undertaking on which the water is authorized to be used; and
- non-compliance with the *Water Sustainability Act* or its accompanying regulations.

An authorization holder is also responsible for damage resulting from works constructed, operated or maintained from a defect, insufficiency or failure of the works, whether the authorization is in good standing, abandoned, suspended or cancelled.

When directed by the water manager or the comptroller of water rights, an authorization holder must keep records of the diversion and use of water. Records must be produced for inspection when required.

Any licensee may also be requested to complete a beneficial use declaration including information required by the decision maker.

Are there any other responsibilities that I have as an authorization holder?

Under the *Water Sustainability Act*, a water authorization holder is required to:

- make beneficial use of the water diverted. In the context of a water licence, “beneficial use” means using the water as efficiently as practicable, in accordance with any applicable regulations, and as specified in the terms and conditions of your licence;
- exercise reasonable care to avoid damaging land, works, trees or other property of another person during construction or operation of any works;
- undertake proper inspection, maintenance and repair of your works and ensure that your works do not cause a significant risk of harm to public safety, the environment, land or other property;
- if you abandon your authorization or the authorization is cancelled or expires, you are required to ensure that any works associated with the authorization are deactivated or decommissioned in accordance with the regulations and orders. Note that as an authorization holder you remain liable for any damage or loss resulting from the construction, maintenance, use, operation or failure of your works.

You are also required to notify the water manager or the comptroller of water rights if:

- any change of mailing address is made;
- the land, mine or undertaking where the water to be used is sold, planned to be subdivided, or subdivided;
- the works authorized under the authorization are to be altered; or
- water is being used for a purpose other than specified under the authorization.

Are there other considerations?

An authorization holder should also be aware of the following:

- A water authorization will not prevent resource extraction activities such as logging, mining or oil and gas extraction in an authorization holder’s watershed.
- A water authorization does not assure that the water is or will remain suitable for the authorized water purpose. For potable water uses, the Ministry of Health recommends that all surface water be treated by filtration, disinfection or both.
- A water authorization does not assure that water will always be available. The authorization allows for the diversion and use of a specified quantity of water if it is available.
- Early priority licences are not always the highest (furthest upstream) intakes on the stream or in a particular location on an aquifer. In many situations licences with early priority dates have their water intakes lower down a stream, in valley bottoms, which historically have been developed first.
- If satisfied that the joint use of works by two or more authorization holders would conserve water or avoid duplication of works, the comptroller or a water manager may order the joint construction or use of works and set the terms and conditions for the joint construction or use.

- A water authorization does not allow the licensee to trespass on private land to construct, maintain or operate works. Permission must be obtained from landowners, preferably in writing, for the construction of works on private lands. The landowner can withdraw this permission anytime.
- The *Water Sustainability Act* provides for the expropriation of land reasonably required for the construction, maintenance, improvement or operation of works authorized or necessarily required under a licence. The expropriation process includes arbitration where the affected landowner(s) are entitled to receive compensation. If the land is sold, any written agreement providing for access could be nullified. It is recommended that a registered easement or statutory right-of-way be obtained for works on private lands.
- A conditional water licence is not inferior to a final water licence. A conditional water licence authorizes the construction of works. A final water licence may be issued after the works have been surveyed, the actual quantity of water used has been determined, and the location of water use has been verified; however, generally a conditional licence is adequate and a final licence does not need to be issued.



Terms and Conditions for Construction and Maintenance of Licensed Works

This intent of this document is to provide terms and conditions to water licence holders to ensure construction and maintenance of infrastructure is planned, designed and implemented with regard for fish, wildlife, and habitat protection.

Construction activities associated with the installation or maintenance of licenced infrastructure can impact fish and wildlife habitat through the deposit of materials, like sediment, that are deleterious to fish and fish habitats. Proper construction and maintenance of licensed infrastructure can also help minimize impacts to terrestrial species or habitats associated with riparian areas.

You may proceed with the proposed construction or maintenance but must also comply with the following terms and conditions:

1. Any work associated with the proposed changes in and about a stream must not cause stream channel instability or introduce sedimentation into the stream in such a quantity to cause a significant adverse impact to the aquatic ecosystem of the stream.
2. During work onsite, erosion and sediment control materials must be available onsite at all times and must be installed if sedimentation is likely to occur into the stream. A contingency plan must be developed outlining the measures to be taken by workers when carrying out any work to control erosion and sediment.
3. Any soil removed must be placed in a location that ensures that sediment or debris does not enter the stream.
4. Within a work area, water that contains sediment must be pumped to a vegetated area away from the stream where it can seep into the ground, or to a settling pond that is sufficiently far from the stream to allow sediment to settle out before the water returns to the stream.
5. The disturbance of stream bank vegetation must not occur or mitigated if it does occur.
6. Work must be conducted on, and equipment located and operated from, dry land (no water present) and the worksite must be isolated from flowing water.
7. Any equipment used in conducting work must be in good mechanical condition (i.e. not leaking fuels, lubricants, anti-freeze, fluids, etc) and, when operating in proximity to the wetted perimeter of a stream, the operator must prevent introduction of any sediment, debris or contaminants (e.g., hydrocarbons, silt) into the stream in such a quantity to cause a significant adverse impact to the aquatic ecosystem.
8. All stream flow must be maintained in the stream channel upstream and downstream of the worksite at all times.
9. When work requires de-watering or isolation of the worksite in the stream, a permit for the salvage of fish and wildlife must be obtained prior to commencing work. All required salvage permits must be obtained from FrontCounter BC : <http://www.frontcounterbc.gov.bc.ca/>. Any salvage must be carried out by a qualified environmental professional (such as an R.P.Bio)
10. Following de-watering or isolation of the worksite, stream flow must be returned to the de-watered or isolated area within the stream in a manner so as to avoid a single sudden rush or erosion of the stream channel and sediment delivery to the stream.
11. The stream channel width must not change as a result of the work.
12. Any materials, such as riprap or gabion rock, placed within the stream must be clean and not contain substances that could be harmful to fish, wildlife or habitat (e.g acid generating rock, fine erodible materials or treated wood products).
13. Any areas disturbed as part of the work must be restored as close as possible to their pre-disturbance condition. Any soil exposed at the worksite must be promptly re-vegetated.
14. Subject to section 15 and 16 below, the work must be completed during the "least risk" timing window for the stream in respect of which the changes are proposed. The applicable "least risk" timing window (by

region and/or by stream) are specified in the following links (see below) and are designed to protect fish, wildlife or habitat known or suspected to be present in the stream. To determine the "least risk" timing window, please select the relevant region from the map:

<http://www.frontcounterbc.ca/pdf/RegionMap.pdf> and then determine the applicable "least risk" timing window: <https://www2.gov.bc.ca/gov/content/environment/air-land-water/water/water-licensing-rights/working-around-water/regional-terms-conditions-timing-windows> for that region and for the stream where the proposed changes will be made. For projects proposed to take place outside these timing windows, please see section 15 and 16 below.

15. In addition to the "least risk" timing windows specified in section 14 above, work may be carried out during the following times provided these requirements are met when the changes are carried out:
 - i. If the stream channel is naturally dry (no flow) or frozen to the bottom at the worksite and the instream work / activity associated with the proposed change will not adversely impact fish, wildlife or habitat (e.g. not result in any substance, sediment, debris or other material entering or leaching into the stream that would adversely affect fish, wildlife or their habitat),
 - ii. In the construction of a winter crossing, the stream channel is frozen to the bottom at the worksite and related work does not adversely impact the stream channel (including stream bed and banks), or fish, wildlife or habitat, or impede their passage (in both directions) in the stream.
16. If your work is proposed outside of the "least risk" timing window (as described in section 14 above), you must retain a qualified environmental professional (such as an R.P. Bio.). The professional will be responsible for providing a written technical rational that assesses and addresses the risks of the proposed changes in and about a stream, including proposing site specific mitigation (e.g. an Erosion Control Plan that identifies contingency measures and emergency procedures related to the proposal) and onsite monitoring of their implementation. In proceeding outside the "least risk" timing window in accordance with recommendations by your qualified environmental professional, you must comply with any measures specified by that professional to prevent impacts on the stream channel (including stream bed and banks) or fish, wildlife or their habitat.

In summary, you must meet the terms and conditions described above, as well as any additional terms and conditions specified by the Water Manager or Habitat Officer if any were specified.

Also, for assistance to the public, the Province has developed clear guidance/practices, also referred to as best management practices, for working around water. This information, if followed, will help ensure that your project will have minimal impacts on the environment (including related fish, wildlife and habitats) in the stream and stream channel.

Follow the links and website directions (see below) to review the provincial guidance/practices provided for your proposed works. Please be advised that these documents may contain information which may be the subject of change due to amendments to the federal *Fisheries Act* and/or to related processes by Fisheries and Oceans Canada (DFO). Current up-to-date information on DFO process and legislation can be found at: <http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>

Final Note: It is the responsibility of persons intending to carry out construction and maintenance of licenced works:

. To comply with federal, provincial and municipal enactments, including but not limited to the *Fisheries Act* (Canada), *Wildlife Act* (BC) or the *Navigation Protection Act* (Canada), as well as local government bylaws and regulations, as may be applicable to proposed works or activities;

. In cases of demonstrated non-compliance with legal requirements, compliance and enforcement actions may subsequently be undertaken by the Ministry where circumstances warrant.



Change Approval and Notification (Changes In and About a Stream)

Tracking Number: 100260073

Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization? Company/Organization
What is your relationship to the company/organization? Agent

APPLICANT COMPANY/ORGANIZATION CONTACT INFORMATION

Applicant is an Individual or an Organization to whom this authorization Permit / Tenure / Licence will be issued, if approved.

Name: Teck Resources Limited
Doing Business As:
Phone: 250-427-8411
Fax: 250-427-8451
Email: jeff.rees@teck.com
BC Incorporation Number:
Extra Provincial Inc. No:
Society Number:
GST Registration Number:
Contact Name: Jeff Rees
Mailing Address: - redacted -

REFERRAL / PUBLIC COMMENT CONTACT INFORMATION

Company / Organization: Teck Resources Limited
Contact Name: Jeff Rees
Contact Address: Bag 2000
Kimberley BC V1A 3E1
Contact Phone: 250-427-8411
Contact Email: jeff.rees@teck.com

AGENT INFORMATION

Please enter the contact information of the Individual/Organization who is acting on behalf of the applicant.

Name: Golder Associates Ltd.
Doing Business As: Golder Associates Ltd.
Phone: 250-299-6647
Fax:
Email: WNA-EnviroPlanning-AdminRequests@golder.com
BC Incorporation Number:
Extra Provincial Inc. No:
Society Number:
GST Registration Number:
Contact Name: Leigh Maxine Holt
Mailing Address: 200-2920 Virtual Way
Vancouver BC V5M0C4
Letter(s) Attached: Yes (Beaverdell Authorization as Agent.pdf)

CORRESPONDENCE E-MAIL ADDRESS

If you would like to receive correspondence at a different email address than shown above, please provide the correspondence email address here. If left blank, all correspondence will be sent to the above given email address.

Email: lholt@golder.com
Contact Name: Leigh Holt

ELIGIBILITY

Please answer the following questions related to your Change Approval/Notification.

Question	Answer	Warning
Is this application to support oil and gas activity that is being authorized by the Oil and Gas Commission?	No	

TECHNICAL INFORMATION

GOVERNMENT AND FIRST NATION FEE EXEMPTION REQUEST

Do you belong to, are you applying on behalf of, or are you:

- A provincial government ministry
- The Government of Canada
- A First Nation for water use on reserve land
- A person applying to use water on Treaty Lands
- A Nisga'a citizen
- An entity applying to use water from the Nisga'a Water Reservation?

No

APPLICATION BY GOVERNMENT

Please indicate if you are someone who works in the government OR you are working on behalf of the government.

Are you, or are you applying on behalf of, a government entity? No

TYPE OF WORKS

Please select the type of Notifications/Approvals you want to apply for as part of this application.

Please select the type of works to be undertaken:

Notification

- ☐ Road Crossing Culvert - Construction / Maintenance / Removal
- ☐ Clear Span Bridge - Construction / Maintenance / Removal
- ☐ Pipeline Crossing – Construction / Maintenance
- ☐ Dry Hydrant – Construction / Maintenance
- ☐ Pier, Wharf, (including docks) – Construction / Maintenance / Removal
- ☐ Cutting of annual vegetation in a stream channel
- ☐ Dike or Erosion Protection Works - Repair / Maintenance
- ☐ Storm Sewer Outfalls – Construction / Maintenance
- ☐ Control of Eurasian Watermilfoil or other invasive aquatic vegetation
- ☐ Ice Bridge / Winter Ford or Snowfill - Construction / Maintenance
- ☐ Maintenance of minor and routine nature by a public utility
- ☐ Removal of a beaver dam (as authorized under the Wildlife Act)
- ☐ Construction of a temporary ford
- ☐ Construction of a temporary diversion around a worksite

Approval:

- ☐ Bank Erosion Protection
- ☐ Bridge (other than clear span) - Construction / Maintenance / Removal
- ☐ Stream Diversion
- ☒ Large Debris Removal by machine - Plan required
- ☐ Gravel removal
- ☐ Other

Please note that the ultimate decision whether this constitutes a Notification or a Change Approval lies with the Province of British Columbia

SITES

Click on the Add Sites button to add one or more sites.

SITE

Location ID: Teck Beaverdell Mine

STREAM

Name of the Stream: West Kettle River
Source Flows Into: Kettle River

PROPOSED WORKS

Detailed Description of Works: Moving mature fallen coniferous tree farther downstream - so it does not deflect river flow toward toe of tailings dam adjacent to current location. Using chainsaw to buck into manageable lengths then use skidder from bank to move downstream and farther onshore (map in Figure 1 in EMP attached).
Footprint of Project: 200 m2

PROPOSED TIMING FOR WORKS

Start Date: Dec 3, 2018
End Date: Dec 4, 2018
Is the proposed timing within the approved regional timing window? No
If works are proposed outside the listed windows the proponent must engage a qualified professional to assess species and habitats present and determine if a site specific plan can be developed to ensure compliance with the Fisheries Act
Reason to do work outside of approved timing window: submission of this application is too late to allow for works within window; if possible to get approval expedited - preferable to do works earlier / in work window.

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: District Lot 2364, Land District 54, Except Plan A167 19837
Geographic Coords of Works: 49.4333110, -119.0980795
Photo of Works Location:

LAND OWNERSHIP AT THE WORKS

Land Ownership: ☒ Applicant owns land
☐ Land is Crown Land but applicant has tenure
☐ Land is Crown Land but tenured to Ministry of Transportation
☐ A third Party owns the land but the applicant has lease or tenure
☐ A third Party owns the land but applicant has written consent
☐ Land is Crown Land but the applicant does not have a tenure

CONTACTS

If you are not carrying out the work, indicate contractor/company's name, professional affiliation, mailing address, postal code and telephone numbers. If a different company is designing and supervising the work, please include this information as well

Contact Info	Type of Contact
Name: Harold Hewitt	Construction
Phone: 250-484-5522	
Daytime Phone:	
Fax:	
Email:	
Mailing Address: 5856 5th Street Beaverdell BC V0H 1A0	

Cert:

LOCATION INFORMATION

LAND DETAILS

DRAWINGS

A Drawing to Scale is required that meets the Application Drawing Standards. Choose one of the options below to submit the required map/drawing.

Additionally, it is recommended that you provide a topographical map showing the general location of the property where the water is proposed to be used and the works constructed in relation to nearby communities, highways, railways and other water sources.

(this additional map will not be necessary if your Drawing to Scale is provided using the Geomark Service or a spatial file such as .KML or .KMZ)

ATTACHED DOCUMENTS

Document Type	Description	Filename
Other	Environmental Management Plan for tree relocation (incl. Map of Work Location - Figure 1)	18105983-111-R-Rev0-1000-WK...

PRIVACY DECLARATION

PRIVACY NOTE FOR THE COLLECTION, USE AND DISCLOSURE OF PERSONAL INFORMATION

Personal information is collected by FrontCounter BC under the legal authority of section 26 (c) and 27 (1)(a)(i) of the Freedom of Information and Protection of Privacy Act (the Act).

The collection, use, and disclosure of personal information is subject to the provisions of the Act. The personal information collected by FrontCounter BC will be used to process your inquiry or application(s). It may also be shared when strictly necessary with partner agencies that are also subject to the provisions of the Act. The personal information supplied in the application package may be used for referrals or notifications as required. Personal information may be used by FrontCounter BC for survey purposes. For more information regarding the collection, use, and/or disclosure of your personal information by FrontCounter BC, please contact FrontCounter BC at 1-877-855-3222 or at:

FrontCounter BC Program Director
FrontCounter BC, Provincial Operation
441 Columbia Street
Kamloops, BC V2C 2T3

☒ Check here to indicate that you have read and agree to the privacy declaration stated above.

IMPORTANT NOTICES

Please review the "Important Notices" below and then check the declaration at the bottom confirming that everything in this application is complete and accurate.

- I understand that the submission of this application does not provide authority under the Water Sustainability Act to construct works in and about a stream. I also understand that my application must first be investigated and a decision made on the application as to whether an approval may be granted and, as part of that review, additional information may be requested of me.
- The application may be subject to further requirements under the federal Fisheries Act. Please refer to Fisheries and Oceans Canada Projects Near Water webpage (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) for information on how to ensure your project complies with the Fisheries Act.

DECLARATION

☒ By submitting this application form, I, declare that the information contained on this form is complete and accurate.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
Changes in and about a Stream Application Fee	\$250.00		\$250.00	\$0.00

PROJECT INFORMATION

Is this application for an activity or project which requires more than one natural resource authorization from the Province of BC? No

OFFICE USE ONLY		
Office Cranbrook	File Number	Project Number
	Disposition ID	Client Number



Date: October 9, 2018

File: 76910-20/A4007454

Teck Resources Limited
c/o Jeff Rees
Bag 2000
Kimberley, BC, V1A 3E1

Attention Jeff Rees;

Re: Section 11 Approval – West Kettle River – Instream tree removal

Approval for the above has been granted, and the approval document verifying this is attached.

This Approval or copy of it should be kept on the work site so that it may be shown to a Ministry official upon request. Not having a copy of this document at the worksite is an offence under Section 106(3)(k) of the *Water Sustainability Act*.

As you noted in your application, these proposed works are located in the Speckled Dace critical habitat. Sedimentation is one of the biggest threats to this specie as it fills in spawning habitat. Significant care must be taken to minimize sediment release associated with these works. Our preference is for this work to occur when the water levels have sufficiently decreased, and/or the site is either dry or frozen.

If working instream, the undersigned is to be provided with information on the location of your turbidity testing in relation to the work prior to starting any instream works. This information will be reviewed by the regional Habitat Officer.

If you have any questions or concerns regarding this Approval, please contact Kristina Anderson, Water Stewardship Officer, at kristina.anderson@gov.bc.ca. You should contact your local government (local or municipal) to determine if there are any additional requirements.

Yours truly,

Kristina Anderson, P.Ag.
Assistant Water Manager

Attachment

ec: Habitat Management, Nelson, Attn: Lisa Tedesco, Lisa.M.Tedesco@gov.bc.ca
Conservation Officer Service, Nelson Attn: Ben Beetlestone,
Ben.Beetlestone@gov.bc.ca
Compliance and Enforcement Branch, Nelson Attn: Murray Watt,
Murray.J.Watt@gov.bc.ca
Golder Associated Ltd., Attn: lholt@golder.com
First Nation Consultation, Attn: Chloe Melville@gov.bc.ca



APPROVAL

Changes In and About a Stream

WATER SUSTAINABILITY ACT – Section 11 (1)

Teck Resources Limited of Bag 2000, Kimberley, BC, V1A 3E1 and their contractors are hereby authorized to make changes in and about a stream as follows:

- A. The stream is the West Kettle River.
- B. The changes to be made in and about the stream include the removal of one tree located instream, as submitted with application.
- C. All works shall be located and managed in accordance with the plans and specifications contained in the report entitled “Environmental Management Plan Teck Beavertell – West Kettle River Fallen Tree Relocation” dated August 17, 2018, signed by Leigh Holt and Shawn Redden both of Golder Associates Ltd; the email entitled “Re: WSA application 4007454 – West Kettle River – response to questions re: tree removal / EMP” dated September 24, 2018, sent by Leigh Holt of Golder Associates Ltd; and document entitled “Change Approval and Notification (Changes in and About a Stream)” under Section 11 of the *Water Sustainability Act* and Part 3 of the Water Sustainability Regulation submitted by Leigh Holt of Golder Associates Ltd., dated August 17, 2018.
- D. The works authorized shall be completed on or before March 1, 2019.
- E. Care shall be exercised during all phases of the work to minimize siltation.
- F. Preference is for all work to be conducted in the dry portion of the channel.
- G. No equipment shall be operated instream and in the channel.
- H. The holder of this approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this approval.
- I. This approval does not authorize entry onto privately held land.
- J. Vegetation along the bank shall be disturbed as little as possible.

- K. Any machinery operated on site shall be in good repair and be free of hydraulic leaks and excess surface oil and grease.
- L. Fueling and servicing of vehicles and equipment must occur a minimum of 30 metres away from all streams, lakes and waterbodies and any spills must be properly cleaned up and reported as required by the Spill Reporting Regulation (B.C. Reg. 263/90).
- M. All reasonable effort will be made to avoid any negative impacts to the stream's ecosystem.
- N. Upon completion of this project, the streambed shall be left in as smooth a condition as possible with no depressions that could trap fish or initiate erosion.
- O. This Approval, or a copy of it, must be kept or posted on the work site so that it may be shown to a Ministry official upon request.



Kristina Anderson, P.Ag.
Assistant Water Manager

Date: October 9, 2018

Approval: A4007454



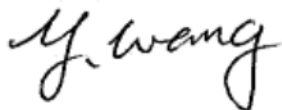
Province of British Columbia *Water Sustainability Act*

PERMIT AUTHORIZING THE OCCUPATION OF CROWN LAND

The holder of this permit, Teck Resources Limited (142475), whose Change Approval authorizes changes in and about a stream (West Kettle River), is hereby authorized to occupy Crown Land by constructing, maintaining and operating the works as authorized in the Change Approval (114952).

- (a) The Crown land which is authorized to be occupied under this permit is a portion of the West Kettle River below the natural high water mark at the following coordinates: 49.43274°N, 119.10016°W, the location of which is approximately shown on the plans submitted with the said *Water Sustainability Act* Section 11 Change Approval Application.
- (b) The approximate dimensions of the Crown Land authorized to be occupied under this permit, are for: Works within a polygon, having an area of 0.1575 hectares.
- (c) Prior to cutting, destroying or clearing of any timber necessary to construct, maintain and operate the said works or the clearing of the said lands which may be flooded, the permittee shall apply for and obtain a licence to cut timber from the Ministry of Forests, District Manager. The amount of stumpage, royalty and/or compensation payable to the Crown in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Forest Service of the Province of British Columbia.
- (d) This permit is appurtenant to the land, mine, or undertaking to which the aforesaid Change Approval is appurtenant.
- (e) This permit shall become void if the Change Approval with respect to which the permit is issued should terminate, be abandoned or cancelled, or amended so as to render this permit unnecessary.
- (f) This permit is issued and accepted on the understanding that the permittee shall indemnify and save harmless the Government of the Province of British Columbia for all loss, damage to works, cost or expense suffered by the permittee by reason of the Crown land or any portion thereof being submerged or damaged by erosion or otherwise affected by flooding.
- (g) The holder of this permit shall not be entitled to compensation if the Crown grants permits to other persons to occupy the land affected by this permit.

- (h) In the event of a dispute at any time with respect to the area or boundaries of the land affected by this permit, the holder shall, at his own expense, have the said land surveyed by a duly authorized surveyor.

A handwritten signature in cursive script, appearing to read "Y. Wang".

Yong Wang
Assistant Water Manager



March 17, 2021

Job Number: 114952
vFCBC Tracking Number: 100321244

Teck Resources Limited
Attn: Jennifer McConnachie
601 Knighton Road
Kimberley, BC V1A 1C7

Dear Jennifer McConnachie,

***Water Sustainability Act Section 11- Changes In and About a Stream
Change Approval- File 4007801***

Teck Resources Limited, 601 Knighton Road, Kimberley, BC is hereby authorized to make changes in and about a stream as follows:

- a) The name of the stream is West Kettle River.
- b) The changes to be made in and about the stream are: Live staking of a gravel bar for vegetation establishment.
- c) The location of the works are at the following coordinates, as provided by the applicant: 49.43274°N, 119.10016°W
- d) All works shall be located and constructed in accordance with the information contained in:

The Golder Associates Ltd. Technical Memorandum dated 17 June, 2020- *Teck Resources Limited, Beaverdell Operation Environmental Management Plan for Riparian Planting Activities Along West Kettle River- Supporting Document for Water Sustainability Act Change Approval Application*;

The letter submitted by Jennifer McConnachie of Teck Resources Limited on July 21, 2020, confirming live staking application methods as manual labour only and timing of proposed work; and

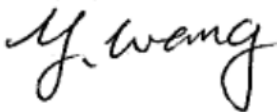
The Golder Associates Ltd. Technical Memorandum dated 27, January, 2021- *West Kettle River Erosion Protection Project- Habitat Offsetting Plan-DFO File Nos. 19-PAC-00583 and 19-HPAC-00774- Document Revision 5; As Built Project Design: Section 4.1 Habitat Offsetting and Locations Map.*

- e) The works authorized shall be completed on or before October 31, 2024.
- f) Planting activities shall take place during the following time periods: Between April 1 and June 30; or between September 1 and October 31.
- g) Provide to this office, a report on all effectiveness monitoring and ensuing supplemental work plan not authorized in this Approval, as soon as possible prior to onsite activity within the term of this Approval.
- h) Upon commencement of the project, physical works shall be pursued to completion as quickly as possible.
- i) A Qualified Environmental Professional/Monitor with the authority to halt work shall be on site during all phases of construction.
- j) All planting work shall be conducted in the dry portion of the channel. No equipment shall be operated in the water.
- k) Live stake bundle soaking procedures shall not cause any scour to the stream channel and shall be located to avoid potential fish spawning habitat.
- l) Any machinery/equipment operated on site shall be clean and free of soils and plant material that may contain invasive species. Equipment that has been operated in any aquatic environments outside of the West Kettle River drainage shall be inspected for aquatic invasive species and decontaminated prior to use.
- m) Fuelling and servicing of vehicles and equipment must occur a minimum of 30 metres away from all streams, lakes and waterbodies. Keep a spill containment kit on site and train onsite staff in its use. Immediately report any spill of a substance that is toxic, polluting, or deleterious to aquatic life of reportable quantities to the Dangerous Goods Incident Report 24-hour phone line at 1-800-663-3456.
- n) Measures must be taken to ensure that no harmful material (e.g. fuel and other hydrocarbons, soil, road fill, or sediment) which could adversely impact water quality, fish and other aquatic life, and/or fish habitat, be allowed to enter the wetted perimeter as a result of the project activities.
- o) The holder of this approval shall take reasonable care to avoid damaging any land, works, trees, or other property and shall make full compensation to the

owners for any damage or loss resulting from the exercise of the rights granted with this approval.

- p) Riparian areas which are disturbed by the works shall be restored to their original condition and protected from erosion.
- q) Live stake harvesting shall not cause mortality in donor plants.
- r) The activities authorized under this approval may be halted at any time by an Order in writing from a Water Manger under the *Water Sustainability Act* to ensure compliance with the terms and conditions authorized herein.
- s) This Approval, or a copy of it, must be kept or posted on the work site so that it may be shown to a Ministry official upon request.

Sincerely,



Yong Wang
Assistant Water Manager

Cc:
Enclosure(s)



March 17, 2021

Job Number: 114952
vFCBC Tracking Number: 100321244

Teck Resources Limited
Attn: Jennifer McConnachie
601 Knighton Road
Kimberley, BC V1A 1C7

Dear Jennifer McConnachie,

Change Approval Application: West Kettle River- Gravel Bar Live Staking- File 4007801

A Change Approval for the above application has been granted and a *Water Sustainability Act* Section 11(1) Changes In and About a Stream Approval document verifying this and Permit over Crown Land (Permit No. 29288) are attached.

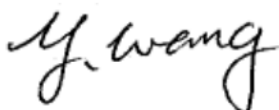
This Change Approval does not authorize occupation of private or Crown owned land. Permission of the affected landowner, or a permission to occupy Crown land, must be obtained and should be in writing for your protection.

This approval does not constitute authority of any other agency. The holder of this approval shall have the necessary permits from other agencies concerned prior to the commencement of the works authorized herein. The permit holder is required to adhere to all other applicable Provincial and Federal Regulations.

Archeological sites (both recorded and unrecorded) are protected under the *Heritage Conservation Act* and must not be altered or damaged without a permit from the Archeology Branch. The holder of this approval must advise everyone who will be involved in ground-disturbance and construction that if archeological materials are encountered, activities must be halted and the Archeology Branch contacted at 250-953-3334 for direction. Please familiarize yourself with the attached "Archaeological Chance Finds Procedure" document.

If you have any questions or concerns regarding the document issued or this letter please feel free to contact Ryan Grootveld by email at Ryan.Grootveld@gov.bc.ca.

Sincerely,



Yong Wang
Assistant Water Manager

Enclosures:

Archaeological Chance Find Procedure

Cc:

Habitat Management, Nelson, Attn: Tim Davis- Tim.Davis@gov.bc.ca

First Nations Relations, Cranbrook, Attn: Allison Pagett- Allison.Pagett@gov.bc.ca

Compliance and Enforcement Branch, Nelson, Attn: Murray Watt- Murray.J.Watt@gov.bc.ca



May 5, 2021

Job Number: 116958
vFCBC Tracking Number: 100338346

Teck Resources Limited
Attn. Jennifer McConnachie
601 Knighton RD
Kimberley, BC V1A 1C7
Jennifer.McConnachie@teck.com

Dear Jennifer McConnachie,

West Kettle River- Beaverdell Mine Live Stake Planting- Use Approval - Short Term Use of Water (File 4007937)

Approval for the above Use Approval Application has been granted, and a *Water Sustainability Act* Section 10 Use Approval document that verifies this information is attached. This approval or a copy of it should be kept at the work site so that it may be shown to a Ministry official upon request.

This Use Approval is issued under the *Water Sustainability Act* (the Act). The exercise of rights under the approval is subject to the Act and its regulations, the terms and conditions of the approval, orders under the Act and the rights of the licensees whose rights have precedence on the stream or on an aquifer. The approval holder must comply with all such requirements, as well as the provisions of all other applicable Federal, Provincial and Municipal enactments, regulations and bylaws.

This approval does not authorize entry onto privately held or Crown land. Permission of the affected landowner must be obtained and should be in writing for your protection. The Permit over Crown Land PCL (Permit number 29288), issued for associated live stake planting under Change Approval File 4007801 should be kept at the work site so that it may be shown to a Ministry official upon request.

This approval has been issued based on the understanding that water will normally be available for the authorized quantity from each site; however, in the event of a water shortage, you may be instructed to cease diverting water for the protection of fish and/or aquatic life and/or the rights of prior licencees.

A minimum streamflow threshold is recommended, below which, the non-essential diversion of water from the West Kettle River shall be curtailed in order to maintain environmental flow needs. You are encouraged to monitor streamflow data collected at the Water Survey of Canada Hydrometric Station 08NN003- West Kettle River at Westbridge to ensure you are in compliance with the minimum threshold set out in Clause h) of the Use Approval. The link below can be followed to find this information.
https://wateroffice.ec.gc.ca/report/real_time_e.html?stn=08NN003

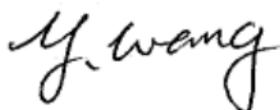
We wish to inform you that the water bodies may serve as spawning and rearing areas for fish. Accordingly, it is necessary for you to screen your water intake to protect against entry of small fish as per Freshwater Intake End-of-Pipe Fish Screen Guidelines (Department of Fisheries and Oceans, 1995). Please refer to the Fisheries and Oceans Canada Web-site (www.dfo-mpo.gc.ca/Library/223669.pdf) for this publication.

This approval is valid only while it is held by the applicant and is not transferable to any other persons without the written permission of the Assistant Water Manager.

Section 105 of the *Water Sustainability Act* gives the recipient of this notice the right to appeal my decision. You may file an appeal within 30 days of the date indicated on this letter. Information on filing an appeal can be found on the Environmental Appeal Board WEB site at <http://www.eab.gov.bc.ca/>.

If you have any questions or concerns regarding the document issued or this letter please feel free to contact Ryan Grootveld, Water Authorizations Technologist, by email at Ryan.Grootveld@gov.bc.ca or by phone at (250) 420-6438.

Sincerely,



Yong Wang
Assistant Water Manager

Cc:

Fish and Wildlife Section, Thompson Okanagan Region, Attn: Tara White- Tara.White@gov.bc.ca
First Nations Relations, Kootenay Boundary Region, Attn: Louise Bett- Louise.Bett@gov.bc.ca
Compliance and Enforcement Branch, Kootenay Boundary Region, Attn: Murray Watt- Murray.J.Watt@gov.bc.ca

Enclosures:

Terms and Conditions for Construction and Maintenance of Licenced Works
Rights and Obligations of a Water Authorizations Holder



May 5, 2021

Job Number: 116958
vFCBC Tracking Number: 100338346

Teck Resources Limited
Attn: Jennifer McConnachie
601 Knighton RD
Kimberley, BC V1A 1C7

Dear Jennifer McConnachie,

West Kettle River- Beaverdell Mine Live Stake Planting- Use Approval - Short Term Use of Water (File Number 4007937)

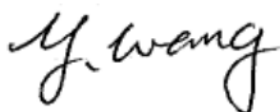
Teck Resources Limited is hereby authorized to divert and use water as follows:

- a) The source on which the rights are granted is West Kettle River.
- b) The point of diversion is located at the coordinates specified:
49.4340200 N
-119.0969300W
- c) The purpose for which the water may be used is Land improvement – Industrial rehabilitation or remediation purposes.
- d) The land upon which the water is to be used and to which this approval is appurtenant is:
District Lot 2364 Similkameen Division, Yale District Except:
(1) Part outlined red on plan A167
(2) Plan 19837; and

Crown land authorized to be occupied in PCL # 29288
- e) The maximum quantity of water which may be diverted is 450.0 cubic metres per year at a maximum rate of withdrawals of 4.0 cubic metres per day.
- f) The authorized works are screened intake, pump, distribution pipe and dripline.
- g) The period during which the water may be used is from May 10, 2021 to May 9, 2023.

- h) No diversion is permitted under this Use Approval when West Kettle River streamflows are at or below **0.67 cubic metres per second**, as measured at the **Water Survey of Canada Hydrometric Station 08NN003**- West Kettle River at Westbridge.
- i) The diversion of water authorized under this Use Approval may be restricted or prohibited at any time by an order in writing by the Regional Water Manager under the *Water Sustainability Act*, during periods of low flow to protect the rights of prior licensees or to maintain a minimum flow in the stream for the preservation of aquatic life.
- j) The holder of this Use Approval shall take reasonable care to avoid damaging any land, works, trees or other property, and shall make full compensation to the owners for any damage or loss resulting from the exercise of the rights granted with this approval.
- k) All work will be done in a manner that prevents the introduction of silt and/or other deleterious substances into the stream or any of its tributaries.
- l) The works to be utilized shall be removed within 10 days of the expiry date of May 9, 2023

Sincerely,



Yong Wang
Assistant Water Manager



Change Approval and Notification (Changes In and About a Stream)

Tracking Number: 100321244

Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization? Company/Organization
What is your relationship to the company/organization? Employee

REFERRAL / PUBLIC COMMENT CONTACT INFORMATION

Company / Organization: Teck Resources Limited
Contact Name: Jennifer McConnachie
Contact Address: 601 Knighton Road
Kimberley BC V1A 1C7
Contact Phone: 250-427-8431
Contact Email: Jennifer.McConnachie@teck.com

APPLICANT COMPANY / ORGANIZATION CONTACT INFORMATION

Please enter the contact information of the Individual/Organization who is acting on behalf of the applicant.

Name: Teck Resources Limited
Doing Business As:
Phone: 250-427-8431
Fax:
Email: Jennifer.McConnachie@teck.com
BC Incorporation Number: 4460561
Extra Provincial Inc. No:
Society Number:
GST Registration Number:
Contact Name: Jennifer McConnachie
Mailing Address: 601 Knighton Road
Kimberley BC V1A 1C7

CORRESPONDENCE E-MAIL ADDRESS

If you would like to receive correspondence at a different email address than shown above, please provide the correspondence email address here. If left blank, all correspondence will be sent to the above given email address.

Email:
Contact Name: Jennifer McConnachie

ELIGIBILITY

Please answer the following questions related to your Change Approval/Notification.

Question	Answer	Warning
Is this application to support oil and gas activity that is being authorized by the Oil and Gas Commission?	No	

TECHNICAL INFORMATION

GOVERNMENT AND FIRST NATION FEE EXEMPTION REQUEST

Do you belong to, are you applying on behalf of, or are you: No

- A provincial government ministry
- The Government of Canada
- A First Nation for water use on reserve land
- A person applying to use water on Treaty Lands
- A Nisga'a citizen
- An entity applying to use water from the Nisga'a Water Reservation?

APPLICATION BY GOVERNMENT

Please indicate if you are someone who works in the government OR you are working on behalf of the government.

Are you, or are you applying on behalf of, a government entity? No

TYPE OF WORKS

Please select the type of Notifications/Approvals you want to apply for as part of this application.

Please select the type of works to be undertaken:

Notification

- ☐ Road Crossing Culvert - Construction / Maintenance / Removal
- ☐ Clear Span Bridge - Construction / Maintenance / Removal
- ☐ Pipeline Crossing – Construction / Maintenance
- ☐ Dry Hydrant – Construction / Maintenance
- ☐ Pier, Wharf, (including docks) – Construction / Maintenance / Removal
- ☐ Cutting of annual vegetation in a stream channel
- ☐ Dike or Erosion Protection Works - Repair / Maintenance
- ☐ Storm Sewer Outfalls – Construction / Maintenance
- ☐ Control of Eurasian Watermilfoil or other invasive aquatic vegetation
- ☐ Ice Bridge / Winter Ford or Snowfill - Construction / Maintenance
- ☐ Maintenance of minor and routine nature by a public utility
- ☐ Removal of a beaver dam (as authorized under the Wildlife Act)
- ☐ Construction of a temporary ford
- ☐ Construction of a temporary diversion around a worksite

Approval:

- ☐ Bank Erosion Protection
- ☐ Bridge (other than clear span) - Construction / Maintenance / Removal
- ☐ Stream Diversion
- ☐ Large Debris Removal by machine - Plan required
- ☐ Gravel removal
- ☒ Other: Live Staking of a Gravel Bar for Vegetation Establishment

Please note that the ultimate decision whether this constitutes a Notification or a Change Approval lies with the Province of British Columbia

SITES

Click on the Add Sites button to add one or more sites.

SITE

Location ID: Former Beaverdell Mine

STREAM

Name of the Stream: West Kettle River
Source Flows Into: Kettle River

PROPOSED WORKS

Detailed Description of Works:

Planting of live stake cuttings harvested from local sources of willow, black cottonwood, and red-osier dogwood (2,709 stakes estimated to be planted) in a gravel bar covering approximately 1,575 m2 to be undertaken as part of a habitat offsetting program required by DFO to offset loss of Speckled Dace habitat. The planting work may require an excavator with a digging bucket to create an opening to place the live stakes deep enough in the coarse gravels.

The lives stakes are generally about thumb-sized in diameter and 2-4 m in length. The excavator will not be permitted to enter water at any time either in the course of the planting or to access or egress the planting location. The gravel bar is below the high water mark, but is only seasonally wetted. The planting objective is to provide seasonal habitat (cover and refuge) as well as organic matter input over the growing season.

Footprint of Project: 1,575 m2

PROPOSED TIMING FOR WORKS

Instream Start Date: Sep 1, 2020
Instream End Date: Sep 30, 2020
Is the proposed timing within the approved regional timing window? Yes

LOCATION OF WORKS

Provide a legal description of the land(s) where works are proposed: District Lot 2364 Land District 54 Except Plan A167 19837 (PID 015-104-630)
Geographic Coords of Works: 49.4362000, -119.0977000
Photo of Works Location: Former Beaverdell Mine - The Gravel Bar Live Staking is proposed in the yellow polygon in the attached figure

LAND OWNERSHIP AT THE WORKS

Land Ownership:

- ☒ Applicant owns land
- ☐ Land is Crown Land but applicant has tenure
- ☐ Land is Crown Land but tenured to Ministry of Transportation
- ☐ A third Party owns the land but the applicant has lease or tenure
- ☐ A third Party owns the land but applicant has written consent
- ☐ Land is Crown Land but the applicant does not have a tenure

CONTACTS

If you are not carrying out the work, indicate contractor/company's name, professional affiliation, mailing address, postal code and telephone numbers. If a different company is designing and supervising the work, please include this information as well

Contact Info	Type of Contact
Name: Teck Resources Limited	Construction
Doing Business As:	
Phone: 250-427-8431	
Fax:	
Email: Jennifer.McConnachie@teck.com	
BC Inc. Number:	
GST Registration Number:	
Contact Name: Jennifer McConnachie	
Mailing Address: 601 Knighton Road PO Bag 2000 Kimberley BC V1A 3E1	
Cert:	

LOCATION INFORMATION

LAND DETAILS

DRAWINGS

A Drawing to Scale is required that meets the Application Drawing Standards. Choose one of the options below to submit the required map/drawing.

Additionally, it is recommended that you provide a topographical map showing the general location of the property where the water is proposed to be used and the works constructed in relation to nearby communities, highways, railways and other water sources.

(this additional map will not be necessary if your Drawing to Scale is provided using the Geomark Service or a spatial file such as .KML or .KMZ)

☒ I have created my map(s) using my own Geographic Information System (GIS)

SPATIAL FILES

Do you have a spatial file from your GIS system? You can upload it here.

NOTE: If uploading a .shp, please ensure that it is a polygon that has been projected in BC Albers in NAD83 format.

Description	Filename
Beaverdell Gravel Bar Live Staking Mapping .kmz file	BeaverdellMine - WestKettle...

ATTACHED DOCUMENTS

Document Type	Description	Filename
Drawing to Scale	Figure Showing Live Staking Location and Teck Private Property Lines	Beaverdell_GravelBarLiveSta...
Other	Cover Letter Summary of WSA Change Approval Request	2020-06-19 Teck Beaverdell ...
Other	Description of Work and Environmental Management Plan	18105208-262-TM-Rev0-9500-B...
Other	Environmental Management Act Permit PE-444 December 12, 2019 Amended	2019-12-12 PE-444 amended p...
Other	Mines Act Permit M-71 October 4, 2019 Amended	2019 10 04 Amd M-71 Approvi...

PRIVACY DECLARATION

PRIVACY NOTE FOR THE COLLECTION, USE AND DISCLOSURE OF PERSONAL INFORMATION

Personal information is collected by FrontCounter BC under the legal authority of section 26 (c) and 27 (1)(a)(i) of the Freedom of Information and Protection of Privacy Act (the Act).

The collection, use, and disclosure of personal information is subject to the provisions of the Act. The personal information collected by FrontCounter BC will be used to process your inquiry or application(s). It may also be shared when strictly necessary with partner agencies that are also subject to the provisions of the Act. The personal information supplied in the application package may be used for referrals or notifications as required. Personal information may be used by FrontCounter BC for survey purposes. For more information regarding the collection, use, and/or disclosure of your personal information by FrontCounter BC, please contact FrontCounter BC at 1-877-855-3222 or at:

FrontCounter BC Program Director
FrontCounter BC, Provincial Operation
441 Columbia Street
Kamloops, BC V2C 2T3

☒ Check here to indicate that you have read and agree to the privacy declaration stated above.

IMPORTANT NOTICES

Please review the "Important Notices" below and then check the declaration at the bottom confirming that everything in this application is complete and accurate.

- I understand that the submission of this application does not provide authority under the Water Sustainability Act to construct works in and about a stream. I also understand that my application must first be investigated and a decision made on the application as to whether an approval may be granted and, as part of that review, additional information may be requested of me.
- The application may be subject to further requirements under the federal Fisheries Act. Please refer to Fisheries and Oceans Canada Projects Near Water webpage (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) for information on how to ensure your project complies with the Fisheries Act.

DECLARATION

☒ By submitting this application form, I, declare that the information contained on this form is complete and accurate.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
Changes in and about a Stream	\$250.00		\$250.00	\$0.00
Application Fee				

OFFICE

Office to submit application to: Vernon

PROJECT INFORMATION

Is this application for an activity or project which requires more than one natural resource authorization from the Province of BC?

OFFICE USE ONLY

Office Vernon	File Number	Project Number
	Disposition ID	Client Number



Use Approval (Short Term Use of Water)

Tracking Number: 100338346

Applicant Information

If approved, will the authorization be issued to an Individual or Company/Organization? Company/Organization
What is your relationship to the company/organization? Employee

REFERRAL / PUBLIC COMMENT CONTACT INFORMATION

Company / Organization: Teck Resources Limited
Contact Name: Jennifer McConnachie
Contact Address: 601 Knighton Road
Kimberley BC V1A 1C7
Contact Phone: 250-427-8431
Contact Email: Jennifer.McConnachie@teck.com

APPLICANT COMPANY / ORGANIZATION CONTACT INFORMATION

Please enter the contact information of the Individual/Organization who is acting on behalf of the applicant.

Name: Teck Resources Limited
Doing Business As:
Phone: 250-427-8431
Fax:
Email: Jennifer.McConnachie@teck.com
BC Incorporation Number: 4460561
Extra Provincial Inc. No:
Society Number:
GST Registration Number:
Contact Name: Jennifer McConnachie
Mailing Address: 601 Knighton Road
Kimberley BC V1A 1C7

CORRESPONDENCE E-MAIL ADDRESS

If you would like to receive correspondence at a different email address than shown above, please provide the correspondence email address here. If left blank, all correspondence will be sent to the above given email address.

Email:
Contact Name: Jennifer McConnachie

ELIGIBILITY

Please answer the following questions related to whether you qualify to apply for a short term use of water.

Question	Answer	Warning
Will the water be diverted and used to support oil and gas activity that is being authorized by the Oil and Gas Commission?	No	
Do you want to divert and use the water for more than two years?	No	

TECHNICAL INFORMATION

GOVERNMENT AND FIRST NATION FEE EXEMPTION REQUEST

Do you belong to, are you applying on behalf of, or are you: No

- A provincial government ministry

- The Government of Canada
- A First Nation for water use on reserve land
- A person applying to use water on Treaty Lands
- A Nisga'a citizen
- An entity applying to use water from the Nisga'a Water Reservation?

We require some more technical information from you. Please add sites where you need to divert and use water.

Term Start Date: May 10, 2021
Term End Date: May 9, 2023

SITES WHERE YOU WANT TO DIVERT THE WATER

Please provide us with information about all sites where you want to take the water from, how much water you will need and what the water will be used for.

SITES

Location ID:	BEA-WKR
Name of the Stream:	West Kettle River at the closed Beaverdell Mine
Source of Water:	Surface Water
Source Flows Into:	Kettle River
Location of Intake:	Right bank of the West Kettle River along the Beaverdell Mine tailings storage facility has been upgraded with riprap and will be planted with native shrubs and live stakes which will require irrigation for establishment. The approximate location is 700m by way of the river downstream from the MOTI bridge crossing on Beaverdell Station Road
Point of Diversion Coordinates:	49.4340200, -119.0969300
Purpose of Use:	Land Improve: Ind'l for Rehab/Remed
Rental Fee:	\$100.00
Application Fee:	\$500.00
Quantity:	900.00000 m3/year
Maximum Rate of Diversion:	2.00000 m3/d
Term Start Date:	May 10, 2021
Term End Date:	May 9, 2023
Date of Use Start:	May 10
Date of Use End:	May 9
Works to be Used:	Solar powered drip irrigation system with fish screen of 0.07 inch mesh on the intake. Maximum draw rate will be 2 m3/day, 3 days a week, for approximately 4 months (April through July) and then half that for 2 months to harden the plants (August and September). The irrigation system will be decommissioned in October and may be reinstalled in April 2022 depending on the success of the plantings.
Land Ownership:	<input checked="" type="checkbox"/> Applicant owns land <input type="checkbox"/> Land is Crown Land but applicant has tenure <input type="checkbox"/> Land is Crown Land but tenured to Ministry of Transportation <input type="checkbox"/> A third Party owns the land but the applicant has lease or tenure <input type="checkbox"/> A third Party owns the land <input type="checkbox"/> Land is Crown Land but the applicant does not have a tenure
Provide the legal description/location description of land(s) where works are proposed:	District Lot 2364 Land District 54 Except Plan A167 19837 PID 015-104-630

Legal Description of land where the water is to be used: District Lot 2364 Land District 54 Except Plan A167 19837
PID 015-104-630
Coordinates of Use: 49.4340200, -119.0969300

If you have more than one site you can make a copy of a site by clicking the 'Copy' link besides the site entry above. All the information will be copied from that entry and you can then edit that copied entry and change the values as required.

LOCATION INFORMATION

LAND DETAILS

DRAWINGS

A Drawing to Scale is required that meets the Application Drawing Standards. Choose one of the options below to submit the required map/drawing.

Additionally, it is recommended that you provide a topographical map showing the general location of the property where the water is proposed to be used and the works constructed in relation to nearby communities, highways, railways and other water sources.

(this additional map will not be necessary if your Drawing to Scale is provided using the Geomark Service or a spatial file such as .KML or .KMZ)

☒ I have map(s) saved to my computer and wish to provide these with my application

MAP FILES

Do you have a PDF or image file of a drawn map? You can upload it here.

Description	Filename
Beaverdell Proposed Irrigation Location	Beaverdell_ProposedIrrigati...

PRIVACY DECLARATION

☒ Check here to indicate that you have read and agree to the privacy declaration stated above.

IMPORTANT NOTICES

Please review the "Important Notices" below and then check the declaration at the bottom confirming that everything in this application is complete and accurate.

- I understand that the submission of this Short Term Use of Water Approval does not provide authority under the Water Sustainability Act to divert, use or store water from a stream or to construct works. I also understand that my application must first be investigated and a decision made on the application as to whether a approval may be granted and, as part of that review, additional information may be requested of me.
- The application may be subject to further requirements under the federal Fisheries Act. Please refer to Fisheries and Oceans Canada Projects Near Water webpage (<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>) for information on how to ensure your project complies with the Fisheries Act.
- Once you click 'Next' the application will be locked down and you will NOT be able to edit it any more.

DECLARATION

☒ By submitting this application form, I, declare that the information contained on this form is complete and accurate.

APPLICATION AND ASSOCIATED FEES

Item	Amount	Taxes	Total	Outstanding Balance
04B-APP 2 yr @ 900 m3/y - Land Improve: Ind'l for Rehab/R...	\$500.00		\$500.00	\$0.00

04B-REN 2 yr @ 900 m3/y - Land Improve: Ind'l for Rehab/R...	\$100.00	\$100.00	\$0.00
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OFFICE

Office to submit application to: Cranbrook

PROJECT INFORMATION

Is this application for an activity or project which
requires more than one natural resource
authorization from the Province of BC? No

OFFICE USE ONLY

Office Cranbrook	File Number	Project Number
	Disposition ID	Client Number