

July 30, 2026

British Columbia Hydro and Power Authority
PO Box 8910
Vancouver, BC. V6B 4X3

Permit Holder: British Columbia Hydro and Power Authority
Date of Issuance: July 30, 2026
Effective Term of permit: July 31, 2026 to December 31, 2026
Application Submission Date: March 26, 2026
Application Determination Number: 100122233
Approved Sampling/Removal Techniques: Hand Sampling
Wildlife Permit Type: Amphibian Salvage
Principal Investigator: Gerold "Jerry" Grant

Authorizations, Exemptions and Conditions

Authorizations

1. This is an authorization under Section 4(4) of the *Wildlife Act*. The Permit Holder, is authorized under S.2(c)(i), 2(j) and 2(o) of the Permit Regulation, B.C Reg. 253/2000 to live capture, temporarily possess, transport and release amphibians subject to the terms and conditions set forth in this Permit.

Conditions

Notification

2. A notice of construction start must be submitted, as per the relevant BC Energy Regulator process at the time of submission, at least 48 hours prior to the commencement of activities under this permit.
3. The Permit Holder must notify the First Nation(s) copied on this permit/authorization at least 15 (fifteen) business days prior to project commencement.
4. The Permit Holder must notify BCER and the First Nation(s) copied on this permit/authorization concurrently in the event that any red or blue listed species is observed during field activities.

General

5. The authorization granted under this permit is limited to the area identified in the spatial data submitted to the BC Energy Regulator in the permit application as identified and dated above.
6. The permit holder must keep a copy of this permit and esubmission notification, if applicable, while handling amphibians and produce a copy of this record on the demand of a Wildlife Officer or BCER Compliance and Enforcement Officer.
7. The permit holder will ensure that only Qualified Environmental Professional(s) (hereafter QEP(s)) with expertise handling amphibians will be performing the salvage. QEP(s) will have expertise in the ecology, physiology, and conservation of herpetofauna, and experience in their inventory and impact assessment, planning of wildlife

salvages, and the capture, handling, transport, and release of these animals. Capture and handling of specimens must be in accordance with the BC standards for Live Animal Capture and Handling Guidelines.

8. The permit holder must follow the British Columbia Interim Hygiene Protocols for Amphibian field staff and researchers.
9. The permit holder will monitor salvaged amphibians for the presence of Rana virus and within 24 hours report to the provincial wildlife health team. A full assessment including location, pictures, number of effected individuals must be provided.
10. The permit holder must ensure that public safety is not jeopardized, and fish or wildlife habitat is not damaged by any action taken under authority of this permit.
11. The permit holder must ensure that the animals are treated in a humane manner and are not subjected to any unnecessary harm or suffering.
12. No intentional mortality of red or blue listed species is to occur. All reasonable steps must be taken to ensure accidental mortality does not occur in accordance with the BC standards for Live Animal Capture and Handling Guidelines.
13. All other small mammals or organisms captured accidentally should be recorded and released promptly, unharmed.
14. Invasive, non-native species must be reported to the Province:
<https://www2.gov.bc.ca/gov/content/environment/plants-animals-ecosystems/invasive-species/imiswg> . If Chytrid fungus is documented, refer to Invasive Species Early Detection and Response Plan for British Columbia.
15. Salvage will not occur during hibernation. Where this requirement cannot be met a mitigation plan prepared and signed by QEP must be submitted for review and decision by BCER.
16. The permit holder will be using temporarily holdings that will minimize thermal stress and potential injuries. Refer to BC Herptile Salvage BMPs_2June2016.pdf for more information.
17. If traps are set to temporarily capture animals, trap check interval should be no more than 12 hours, and shorter during hot summer conditions. Where this requirement cannot be met a mitigation plan prepared and signed by QEP must be submitted for review and decision by BCER.
18. The permit holder will ensure that there is a spatial separation that prevents predation by a) keeping amphibians and reptiles in separate containment; b) keep aquatic tadpoles and larvae separate from predaceous invertebrates and c) keep anuran (frog and toad) tadpoles separate from everything else.
19. All stream amphibians will be temporarily held and transported in fresh, clean, cool water from the stream where they were captured.
20. Relocation sites will be determined by the QEP to be of equal or better quality than the habitat where the animal was captured and will take into account life history requirements.
21. For stream amphibians, the QEP(s) must release larvae and neonates upstream of the project area, as close to the salvage site as possible, but beyond where there would be a risk of drift back into the disturbed area.
22. The QEP must be familiar with and able to implement the approved protocol to assess the presence of *Batrachochytrium dendrobatidis* (Bd).
23. If the QEPs suspect that amphibians are infected by a transmittable disease in areas not known to be impacted (emerging infectious disease), they will contact the provincial wildlife veterinarian as soon as possible.
24. The permit holder will follow the measures detailed in Interim Hygiene Protocols for Amphibian Field Staff and Researchers to prevent disease transmission. Refer to HHWG Decontamination Protocol 2017-05-30.pdf for further guidance on decontamination protocols, including effective products, concentrations and exposure time in Appendix 1. for further guidance on decontamination protocols, including effective products, concentrations and exposure time in Appendix 1.
25. If captured, non-native and invasive species will be reported to the inter-ministry invasive species working group.

26. Approved methods of euthanasia under this BCER permit are limited to:

- a. overdose of anesthetics such as injectable sodium pentobarbital for reptiles or solutions of buffered TMS (MS-222®) for amphibians. Benzocaine hydrochloride may also be used in a bath for amphibians.
- b. Decapitation immediately followed by pithing to instantaneously destroy the brain and render the animal insensitive to pain. Propofol and short-acting barbiturates can be used to produce rapid general anesthesia prior to pithing.

Environmental

27. The permit holder must concurrently submit a report, no later than December 31st of each year for which the permit is valid to the BCER at Wildlife.Act@bc-er.ca and First Nations copied on this permit authorization which must include

- a. number of animals captured by species;
- b. capture methods used;
- c. field variances;
- d. site conditions including water quality if applicable;
- e. relocation site conditions including water quality if applicable and with coordinates
- f. and associated data will be submitted to the Wildlife Species Inventory database. Use the General Survey Block Template to submit your data Wildlife Data Information. Upon request from the Regulator the permit holder will need to provide this documentation.

Advisory Guidance

1. The Permit Holder should adhere to and implement the mitigations and procedures described in the CEMP, as amended from time to time, as related to the Permitted Activities.
2. All reporting provided to BCER, as conditioned in this permit, should be provided concurrently to First Nations listed on this permit.
3. The QP should be aware of the temperature of the environment amphibians are captured in and ensure that they are not exposing amphibians to drastic temperature changes. While captive, amphibians should not experience temperature changes greater than 1 deg. C per hour.
4. Determination of amphibian release locations should be done in collaboration with First Nation Environmental Monitors.
5. Measures should be taken to minimize handling of most vulnerable life stages of amphibians. Salvage activities should be postponed until egg masses and tadpoles have reached later stages of development when they are less likely to be injured or destroyed when handled.

All pages included in this permit and any attached documents form an integral part of this permit.



Toby Turner
Authorized Signatory
BC Energy Regulator Delegated Decision Maker

Att: Appendix A - Record of Wildlife trapped, or killed

Copied to:

First Nations - Lheidli T'enneh First Nation, Nadleh Whut'en First Nation (CSTC), Nazko First Nation, Saik'uz First Nation (CSTC), Stelat'en First Nation (CSTC), Yekooche First Nation

Appendix C – Record of Wildlife Hunted, Trapped or Killed

The Permit Holder MUST maintain an accurate up-to-date record

The Permit Holder MUST submit the original copy of this record to appropriate authority within 21 Days of the permit's expiry or annually.

The Permit Holder MUST produce a copy of this record on the demand of an Officer

Common Name of Wildlife	Location where wildlife was taken (UTM)	Date wildlife was removed	Sex and age class of wildlife	Bands or tags on wildlife	Description of all nest, dams, or other structures destroyed or removed