



Date: September 16, 2019

PUP No. 105-0984-19/22

VIA EMAIL AND MAIL

Attn: Robin Routledge
B.C. Hydro Power and Authority
333 Dunsmuir Street
Vancouver, BC
V6B 5R3

Dear Permit Holder:

Re: AMENDMENT #1 TO PESTICIDE USE PERMIT NO. 105-0984-19/22

Pesticide Use Permit 105-0984-19/22 is amended as per our discussion and your email of September 6th, 2019, to remove the specific site maps inadvertently included in the original permit. All applicable treatment sites are indicated in the overview maps included in the amended permit.

All other terms of the permit remain the same.

If you have any questions please call me at (250) 490-8257.

Yours truly,

Andreas Wins-Purdy, P. Ag.
Integrated Pest Management Section Head
On behalf of the Administrator, *Integrated Pest Management Act*



MINISTRY OF ENVIRONMENT & CLIMATE CHANGE STRATEGY

PESTICIDE USE PERMIT – AMENDMENT #1 No. 105-0984-19/22

Pursuant to Section 6 of the Integrated Pest Management Act

British Columbia Hydro Power and Authority
333 Dunsmuir Street
Vancouver, BC V6B 5R3

is authorized to use pesticides subject to conditions listed below. Contravention of any of these conditions is a violation of the *Integrated Pest Management Act* and may result in prosecution.

1 Authorized Pesticide Use

Pesticide use shall be for the purpose of eradicating invasive plant species (primarily, but not limited to, Canada thistle, oxeye daisy, and scentless chamomile) within the ten metre Pesticide Free Zone in the treatment areas depicted on the attached maps.

- 1.1 The authorized pesticide is Milestone (P.C.P. No. 28517, active ingredient aminopyralid) at a rate of 0.38L (0.091 kg a.i.) per hectare per year.
- 1.2 The authorized method of application is ground-based selective (spot) treatment using a backpack or hand pump sprayer.
- 1.3 A maximum of 3.8L of Milestone per year is permitted.
- 1.4 A maximum treatment area of 10 ha per year is permitted.
- 1.5 Selective, ground-based treatments are permitted on lands that are within the treatment boundaries depicted on the attached maps, where permission has been granted by the land owner, the land holder, or other legal instrument.
- 1.6 This permit authorizes the permit holder, under Section 18(3) of the *Integrated Pest Management Act* Regulation, to apply the pesticide Milestone between the high water mark and ten metres above the high water mark in the areas depicted on the attached maps as an exemption from the requirements under the Pesticide Use Notice Confirmation Number **105-0983-16/21** (issued to BC Hydro and Power Authority) for

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the confirmation holder to maintain a Pesticide Free Zone under Section 73 (1) of the *Integrated Pest Management Act* Regulation.

2 Treatment Dates

- 2.1 The authorized pesticide use may be conducted from **7 (seven)** days after the date of publication of the permit as described in Condition 4.1 until the permit expires on August 13th, 2022.


3 Access to Permit Information

- 3.1 To allow inspection and copying by the public, within seven days of permit issuance, and seven days prior to the initial treatment in the second and third treatment seasons, the permit holder shall post a copy of the permit with relevant maps at:
- a) BC Hydro site C office 9948-100th Ave Ft. St. John B.C.
 - b) The BC Hydro website
- 3.2 The posted permit and maps shall remain at the locations specified in Condition 3.1 for at least 30 days and until 7 days after pesticide treatments for the calendar year have ceased.

4 Notification

- 4.1 Within 15 days of issuance of the permit, the permit holder shall publish a notice that complies with Condition 4.2 in at least one community newspaper circulated within the treatment area.
- 4.2 A notice for the purpose of Condition 4.1 shall contain the following information:
- a) the name, address and telephone number of the permit holder,
 - b) the permit number,
 - c) the purpose of pesticide use,
 - d) the trade name, P.C.P No., and the active ingredient of the pesticide to be used,
 - e) the method of application,
 - f) a map showing the location of the treatment area,
 - g) the projected dates of project commencement and completion,
 - h) information on where copies of the permit and map of the treatment area may be examined,

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- i) information on how and when the public can contact the permit holder to obtain any information related to the pesticide use associated with the permitted uses.
- 4.3 Treatment notices that comply with Condition 4.3 shall be posted at access points to the treatment area at the time of treatment, and must remain in place until 30 days from the date of pesticide application.
- A treatment notice for the purpose of Condition 4.4 must:
- a) be at least 279 mm x 432 mm (11" x 17") in size,
 - b) be constructed of water resistant material,
 - c) display, in 2.5 cm bold, block lettering, the words "NOTICE OF PESTICIDE USE",
 - d) contain a cautionary symbol, like a stop sign or a raised hand,
 - e) indicate the name of the permit holder,
 - f) indicate the permit number,
 - g) indicate the date or range of treatment dates,
 - h) indicate the purpose of pesticide use,
 - i) indicate the trade name, P.C.P. No., and active ingredient of the pesticide used,
 - j) indicate the method of application,
 - k) contain precautionary advice to minimize exposure to the pesticide or its residues
 - l) how to obtain information about the pesticide or pesticide use, including but not limited to a contact number.
- 4.4 The permit holder shall conduct any additional notification agreed upon during the consultation process in the manner agreed upon with the parties to be notified.
- 4.5 Prior to any pesticide use in each calendar year of the permit, the permit holder shall provide written notification to IPM Officer Manuel Mariotto via email of the name, licence number, and valid British Columbia Pesticide Applicator Certificate numbers of any contractors that will be applying the pesticides under this permit during that calendar year.

5 Restrictions

- 5.1 The permit holder must comply with all applicable provisions under the *Integrated Pest Management Act*.

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- 5.2 The permit holder must comply with the requirements of the label for the pesticide being applied.
- 5.3 All personnel involved in the project shall be informed of the terms and conditions of the permit and any permit amendments prior to pesticide use.
- 5.4 All spray equipment shall be properly calibrated prior to use.
- 5.5 All pesticide products and application equipment used shall be maintained in secure conditions that prevent tampering or the introduction of contaminants.
- 5.6 A spill response kit shall be available during pesticide use.
- 5.7 Pesticide use shall be conducted by applicators with certificates in the *Industrial Vegetation and Noxious Weed* category.
- 5.8 Pesticide treatment area boundaries shall be clearly marked on the high water mark of the waterbody. Treatment may occur up to but not below the high water mark.
- 5.9 Pesticide use is restricted to daylight hours and periods when rain is not forecast to occur within 4 hours post treatment.
- 5.10 Pesticides may be applied where wind speeds are up to 8 km/hr.
- 5.11 The permit holder shall take all necessary actions to mitigate spray or spray drift related impacts on any populations of pesticide-sensitive rare and endangered species found to exist within the treatment area.
- 5.12 Areas affected by pesticide spills that result in impacts not authorized by, or consistent with this permit, shall be cleaned-up and decontaminated immediately.

6 Record Keeping and Reporting

- 6.1 For each treatment location and day of use under this permit, the permit holder must keep a record containing the following information:
 - a) the name and address of the owner or manager of the treatment location,
 - b) if the use was performed as a service, the name and license number of the licensee who performed the service,

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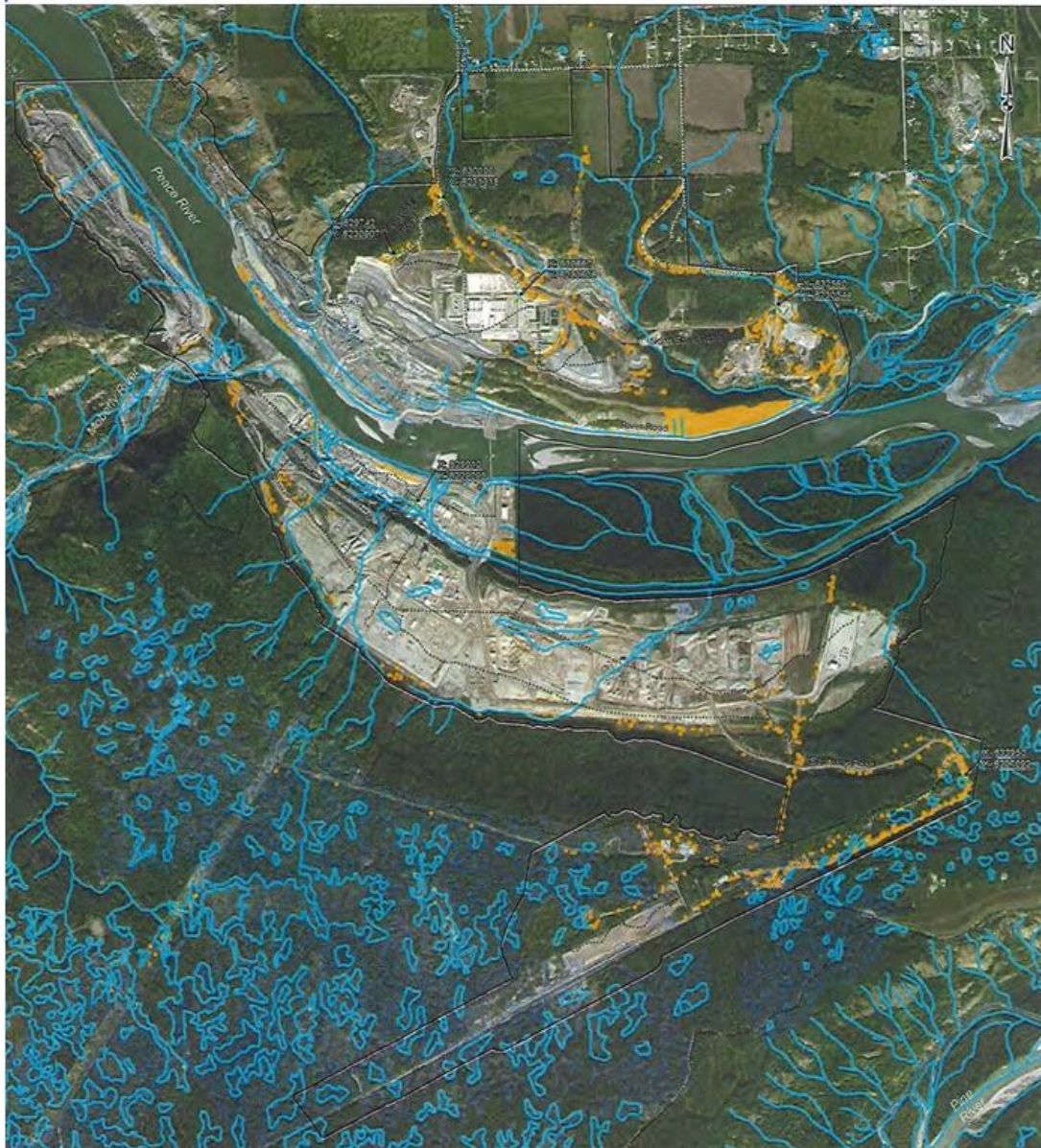


- c) if the use was not performed as a service, the name and certificate number of the pesticide applicator certificate holder who used the pesticide,
 - d) the date and time of the pesticide use,
 - e) the name of the pest targeted by the use or the purpose of the pesticide use,
 - f) the trade name of each pesticide used and its registration number under the federal Act,
 - g) the method and rate of application and the total quantity used,
 - h) the prevailing meteorological conditions, including temperature, precipitation, and speed and direction of the wind
- 6.2 The permit holder shall prepare and submit an annual report each calendar year under this permit to ipmreporting@gov.bc.ca by January 31 in the next calendar year. The report must include:
- a) the name and address of the permit holder,
 - b) the trade name, P.C.P No., active ingredient and the quantity (in L) of pesticide used,
 - c) the area treated (in ha),
 - d) a description of the timing of treatments,
 - e) the pesticide treatment efficacy based on monitoring,
 - f) observed or potential impacts on non-target plants,
 - g) all pertinent maps and recommended follow-up activities for the treatment area.
- 6.3 Pesticide spills that result in impacts not authorized by or consistent with this permit shall be immediately reported to the Provincial Emergency Program at 1-800-663-3456.
- 6.4 A report on spills and activities outlined in Condition 6.3 shall be provided to the IPM Section Head (or their representative) and ipmreporting@gov.bc.ca as soon as practicable.
- 6.5 Permit non-compliance that results in impacts not consistent with the intent of this permit shall be reported to the IPM Section Head (or their representative) and ipmreporting@gov.bc.ca within 48 hours of the infraction's discovery.

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Map 1 – General Overview map of Treatment Location - Main project lands of BC Hydro's Site C Clean Energy Project.



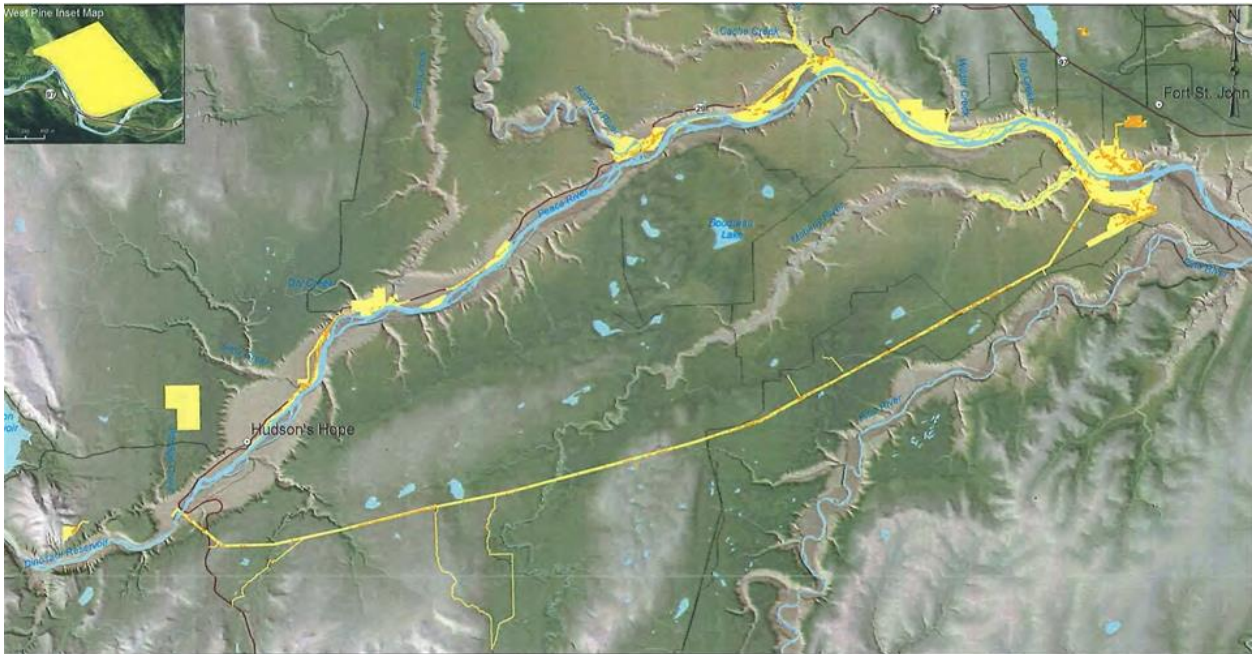
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Map 2 – General Overview map of Treatment Location - Five km's west of Hudson Hope on Hwy 29 to near Ft. St. John (18 km west of the Hwy 29/97 junction).



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