



July 11, 2022

PUP No. 738-0033-22-25

Via email

Attn: Denise McLean, Invasive Plant Specialist

BC Ministry of Forests
411 Columbia Street,
Kamloops, BC
V2C 2T3

Dear Permit Holder:

In response to your application dated February 24, 2022, enclosed is Pesticide Use Permit No. 738-0033-22-25 issued under the provisions of the *Integrated Pest Management Act*. Your attention is respectfully directed to the conditions of the permit that must be complied with.

It is the responsibility of the permit holder to ensure that all activities conducted under this permit are carried out with due regard to the rights of third parties, and comply with other applicable legislation that may be in force - including, but not limited to, using pesticide only for the use described on the label and in accordance with the instructions on that label.

This decision may be appealed to the Environmental Appeal Board in accordance with Section 14 of the *Integrated Pest 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.

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 Administrator, designated officer, or as further instructed.

Yours truly,

Cassandra Caunce, BSc.
Director, South Authorizations
for Administrator, *Integrated Pest Management Act*



MINISTRY OF ENVIRONMENT & CLIMATE CHANGE STRATEGY

PESTICIDE USE PERMIT

No. 738-0033-22-25

Pursuant to Section 6 of the Integrated Pest Management Act

British Columbia Minister of Forests

411 Columbia Street,
Kamloops, BC
V2C 2T3

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

Purpose of the Permit

1. Pesticide use shall be for the purpose of controlling Bohemian knotweed and Japanese knotweed using the herbicides Roundup WeatherPro (PCP # 33653, Habitat Aqua (PCP # 32374), and Adjuvant Ag-Surf II (PCP # 30071) within:
 - a. The area between water's edge and the high water mark, and
 - b. The area between the high water mark and 10m above the high water mark
 - c. Wetted areas (using Habitat Aqua & Ag-Surf II as per the submitted Treatment Plan

along Vernon Lake, Upper Nimpkish River, Nimpkish Lake, and the Lower Nimpkish River as shown on the attached map, as well as any new sites found between the furthest upstream and furthest downstream sites.

Treatment Dates

2. The pesticide use described herein may be conducted from 7 (seven) days after the date of publication of the permit as described in Condition 4 until the permit expires on **July 11, 2025**.

Notifications

3. To allow inspection by the public, within seven days of permit issuance, the permit holder shall post a copy of the permit with relevant maps at on the Ministry of Forests "Invasive Plant Program" website. The posted permit and maps shall remain on the website until one week after all pesticide application activities under the permit have ceased.

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4. Within 15 days of issuance of the permit, the permit holder shall publish a notice in at least one community newspaper circulated within the treatment area. The published notice shall contain the following information:
 - a) Name, address and telephone number of the permit holder
 - b) Permit number
 - c) Purpose of pesticide use
 - d) Pesticide used (trade name, P.C.P. No. and active ingredient)
 - e) Method of pesticide application
 - f) A map showing the location of the treatment area.
 - g) Date of project commencement and completion
 - h) Information on where copies of the permit and map of the treatment area may be examined in detail
 - i) Information on how and the public can contact the permit holder to obtain any permitted pesticide use and related integrated pest management information
5. The permit holder shall also conduct any additional notification agreed upon during the consultation process in the manner agreed upon with the parties to be notified.
6. All personnel involved in the project shall be notified of the terms and conditions of the permit and any permit amendments prior to pesticide use.

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Authorized Pesticides

7. The pesticides listed below are approved for use under the terms of this permit. Application rates indicated are maximums per application. Lower rates should be used where project objectives may still be achieved.

Trade Name	Active Ingredient (a.i.)	Product P.C.P. #.	Application Rate	Maximum Area of Pesticide Use per year (ha.)
Roundup WeatherPro	Glyphosate	33653	Foliar spray: 6L/ha	5 ha
Roundup WeatherPro	Glyphosate	33653	Stem injection: 5ml/stem	
Habitat Aqua	Imazapyr	32374	0.7-10%	
Ag-Surf II	Alcohol ethoxylate	30071	0.5% v/v	

Target Pest Species and Treatment Area

8. Pesticide use shall be for the sole purpose of eradicating Japanese knotweed and Bohemian knotweed and along Vernon Lake, Upper Nimpkish River, Nimpkish Lake, and the Lower Nimpkish River.
9. This permit authorizes the permit holder, under Section 18(2)(b) of the *Integrated Pest Management Act* Regulation, to use the pesticides listed within the wetted area to the high water mark.
10. This permit authorizes the permit holder, under Section 18(3) of the *Integrated Pest Management Act* Regulation, to use the pesticides listed within the area between the high water mark and 10 metres above the high water mark as an exemption from the requirements under Pesticide Use Notice number **740-0677-19/24** (issued to the Ministry of Forests, Lands and Natural Resource Operations) for the confirmation holder to maintain a Pesticide Free Zone under Section **73** (1) of the *Integrated Pest Management Act* Regulation.

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Restrictions

11. Pesticides shall not be applied by foliar spray when wind speeds are greater than 8 km/hr.
12. The permit holder must comply with the requirements of the label for the pesticide being applied.
13. All spray equipment shall be properly calibrated prior to use.
14. All pesticide products and application equipment used shall be maintained in secure conditions that prevent tampering or the introduction of contaminants.
15. All individuals conducting pesticide applications under this permit must hold a valid BC Pesticide Applicator Certificate in the *Industrial Vegetation and Noxious Weeds* category.
16. The permit holder must comply with all applicable provisions under the *Integrated Pest Management Act*.
17. Aquatic herbicide Habitat Aqua must be used for any treatment to emergent wetted plants and must be a targeted spot treatment.
18. Where there is a risk of contact with sensitive non-target vegetation, foliar application applications shall make use of drift shielding in the form of a nozzle cone or wind barrier to avoid contact with any sensitive non-target vegetation.
19. Pesticide application is only authorized when Nimpkish River water depth (as measured at the Nimpkish Hydromet Station) is less than or equal to one metre between the dates of June 15 to September 15 of each calendar year, when water levels are not expected to rise for an extended period following pesticide application.

Reporting and Record Keeping

20. For each treatment location and day of pesticide 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
 - 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

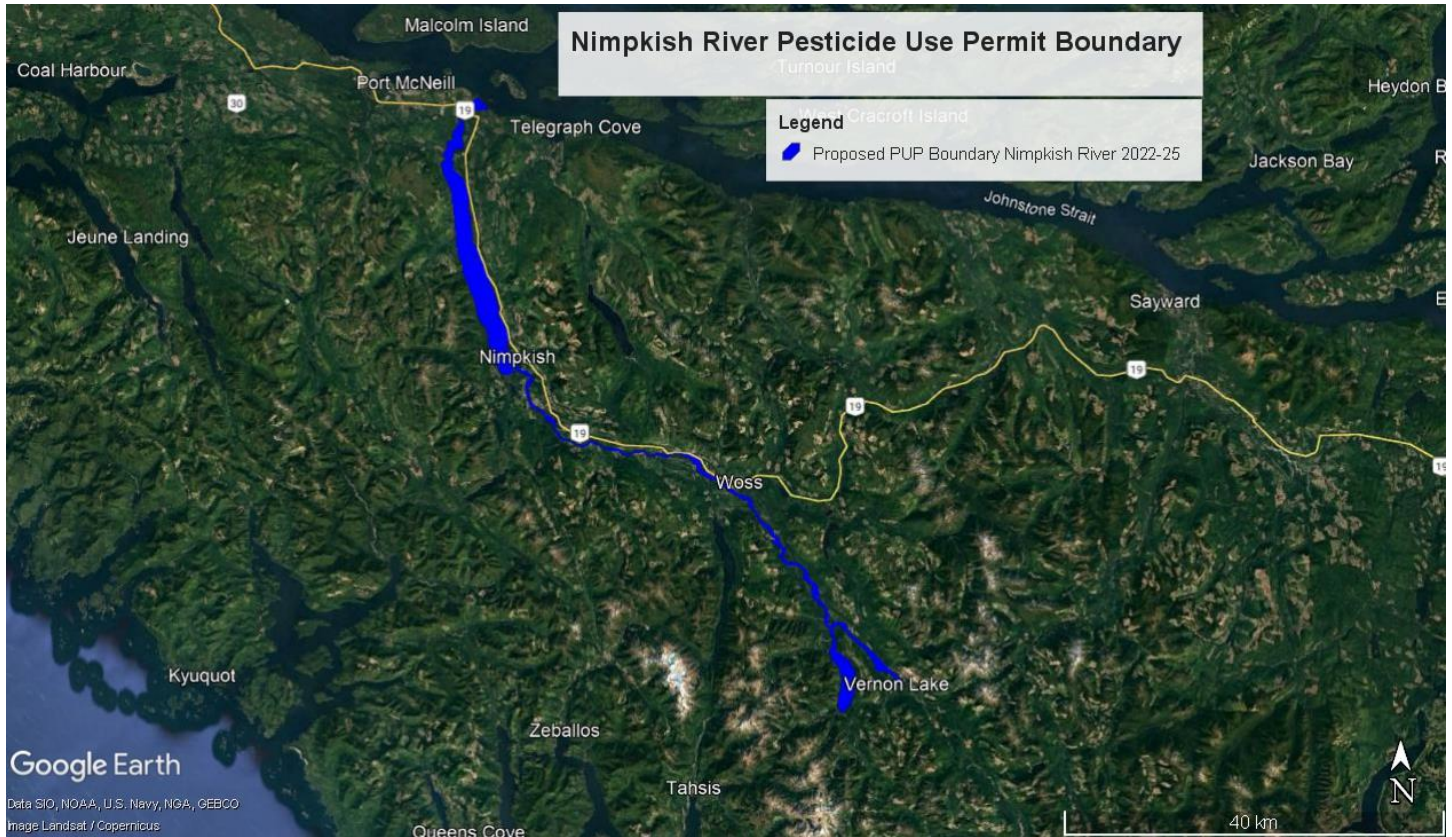
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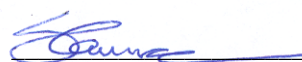


- f) the trade name of each pesticide used and its registration number under the federal Act
 - g) for each pesticide used, the method and rate of application and the total quantity used
 - h) the prevailing meteorological conditions including temperature, precipitation, and velocity and direction of the wind
21. All treatments conducted shall be entered into the Invasive Alien Plant Program (IAPP) application as per the standard procedure established in Pesticide Use Notice Confirmation number **402-0677-19/24**.
22. An annual report for each calendar year of pesticide use shall be submitted by email to ipmreporting@gov.bc.ca by January 31st of the following calendar year. The report shall include:
- a. the total quantity of pesticide used and total area treated for each of the three application methods
 - b. a description of the timing of treatments
 - c. pesticide treatment efficacy information
 - d. any observed or reported impacts on non-target organisms
 - e. all pertinent maps and a summary of recommended follow-up activities for the treatment area
23. 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. Areas affected by spills shall be cleaned-up and decontaminated immediately. The Integrated Pest Management Section Head shall be provided with reports on spills, clean-up activities and decontamination actions as soon as practicable.
24. Permit non-compliance that results in impacts not consistent with the intent of this permit shall be reported to the Integrated Pest Management Section Head and to ipmreporting@gov.bc.ca within 48 hours of the infraction's discovery. Further action taken, to the satisfaction of the Integrated Pest Management Section Head, may be required to evaluate the potential impact of the non-compliance on human health and/or the environment.

Map 1: General Location Map – Treatment area for knotweed locations (treatment area is outlined in blue)



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