

To: Marilyn Burgoon  
 From: Stephenie Hendricks  
 January 31, 2019  
 Regarding Proposed Herbicide Applications in Kootenay Watersheds

Here is some information from the Pesticide Action network North America database with information derived from various authoritative databases on the chemicals proposed as herbicides for the Kootenay Watersheds.

[Pan Bad Actor](#) - what does it mean? Basically, Pesticide Action Network's chemists and scientists have determined that global and governmental authorities have identified the chemical as either a carcinogen, a reproductive, or neurodevelopmental toxin. Basically this means that the chemical has enough serious impacts on health and/or environment that it should not be in the marketplace without further testing.

**Chemicals from Herbicide Application Notice**

Name	<a href="#">PAN Bad Actor</a>	<a href="#">Acute Toxicity</a>	<a href="#">Carcinogen</a>	<a href="#">Cholinesterase Inhibitor</a>	<a href="#">Water Contaminant</a>	<a href="#">Developmental or Reproductive Toxin</a>	<a href="#">Endocrine Disruptor</a>	Environment al Health Concern
<a href="#">2,4D*</a>	Not Listed	Moderate	Possible	No	Potential	?	Suspected	Yes
<a href="#">Glyphosate**</a>	Yes	Slight	Yes	No	Potential	?	?	Yes
<a href="#">Aminopyralid</a>	Not Listed	Not Acutely Toxic	Not Likely	No	Potential	?	?	?
<a href="#">Chlorsulfuron</a>	Yes	Slight	Not Likely	No	Potential	Yes	?	Yes
<a href="#">Clopyralid</a>	Yes	Yes	Not Likely	No	Potential	?	?	Yes
<a href="#">Dicamba</a>	Yes	Slight	Not Likely	No	Potential	Yes	?	Yes
<a href="#">Flazasulfuron</a>	Not Listed	?	Not Likely	No	?	?	?	?
<a href="#">Flumioxazin</a>	Not Listed	?	Not Likely	No	?	?	?	?

<a href="#">Fluroxypyr</a>	Not Listed	Slight	Not Likely	No	?	?	?	?	
<a href="#">Halosulfuron</a>	Not Listed	?	Not Likely	No	?	?	?	?	
<a href="#">Imazapyr</a>	Yes	Yes	Not Likely	No	Potential	?	?	Yes	
<a href="#">Mecoprop-P</a>	Yes	Yes	Possible	No	Potential	?	?	Yes	
<a href="#">Metsulfuron-methyl</a>	Not listed	slight	Not likely	no	Potential	?	?	Yes	

\*The state of Alaska decided to restrict use of 2,4-D near railway tracks. This decision was based on the scientific information brought by Dr. Pamela Miller from [Alaska Community Action on Toxics](#)

\*\* Glyphosate was recently determined by a multimillion dollar court [decision](#) to have caused a man's cancer during his career as a gardener for a school district, demonstrating that **it is a legal liability to anyone who exposes workers or the community.**

...or the circum-  
...have been proven  
...civil suit.  
...tcher and Crown  
...inuing their pre-  
...re Judge Mark  
...is week.

...waters around the world  
...to support equal rights and  
...an end to violence against

...B.C., shortly after  
...the election of U.S. President  
...Donald Trump. Saturday's  
...event in Nelson coincided with

The event in Nelson began at  
City Hall and circled a route  
through downtown before re-  
turning for speeches.

OF NELSON

554  
31

URE

HIGHWAY

E METRE

V STREET

c and abandon  
ouston Street  
ouston Street  
ity will sell the

unity Charter,  
mments  
c on this  
ired bylaw.  
ent about the  
12 noon on  
submit your  
ffice, City  
lson, and B.C.  
e your name,

regular

sarah Winton,  
porate Officer

## DEVELOPMENT OF A PEST MANAGEMENT PLAN

### Application No. FLNRORD PMP Southern Interior 2019-24

**Applicant:** Ministry of Forests, Lands, Natural Resource Operations  
and Rural Development, Range Branch  
441 Columbia St, Kamloops, B.C., V2C 2T3

**Agent:** Drinkwater Environmental Services  
Telephone: 604 302-2317  
Email: [invasive.plants@gov.bc.ca](mailto:invasive.plants@gov.bc.ca)

The purpose of the proposed multi-agency Pest Management Plan (PMP) is to manage invasive alien plants and/or noxious weeds on provincial Crown land in the southern interior of B.C.

The PMP applies to areas located within the Thompson Nicola, Cariboo, Central Coast, Squamish Lillooet, Columbia Shuswap, North Okanagan, Central Okanagan, Okanagan Similkameen, Kootenay Boundary, Central Kootenay, and East Kootenay Regional Districts. This includes areas located within the vicinity of the communities of Bella Coola, Alexis Creek, Quesnel, Williams Lake, 100 Mile House, Lillooet, Clinton, Cache Creek, Blue River, Clearwater, Kamloops, Salmon Arm, Revelstoke, Golden, Merritt, Vernon, Kelowna, Penticton, Oliver, Osoyoos, Princeton, Grand Forks, Castlegar, Kaslo, Nakusp, Nelson, Trail, Salmo, Creston, Cranbrook, Invermere, Fernie, and Sparwood.

The pest management methods proposed for use within the area to which the PMP applies include mechanical, cultural, biological control, and the use of herbicides. The active ingredients and trade names of the herbicides (in brackets) proposed for potential use under this plan include: aminocyclopyrachlor (included in Truvist, Navitus); aminopyralid (included in Milestone, Restore, Clearview, Reclaim and Reclaim II); chlorsulfuron (included in Truvist); clopyralid (included in Lontrel 360, Lontrel, Transline); dicamba (included in Dyvel DS, Dyvel DSp, Vanquish, Overdrive, Banvel VM, Banvel II); diflufenzopyr (included in Overdrive); flazasulfuron (included in LongRun); flumioxazin and pyroxasulfone (included in Torpedo); fluroxypyr (included in PastureGard, Spotlight, Surmount, Escalade); glyphosate (included in products such as WeatherMax, Vantage Plus II, Vantage XRT, Vantage Plus Max, and RoundUp); 2,4-D (2,4-D Amine 600); halosulfuron (included in Sandea); imazapyr (included in Arsenal, Powerline, Habitat); mecoprop-p (included in Dyvel DS, Dyvel DSp); metsulfuron methyl (included in Escort, Clearview, Reclaim, Reclaim II, Navitus); picloram (included in Tordon 22K, Grazon, Tordon 101); rimsulfuron (included in Elim and Prism); and triclopyr (included in PasturGard, Garlon XRT). Additionally, blue herbicide spray marker dye (Basicid Blue, Hi-Light, Turf Mark) may be used along with surfactants (such as Gateway, Agral, Sylgard 309) to improve herbicide application and efficacy.

Herbicides will be applied using selective application methods such as: wick/wipe-on, injection, vehicle mounted sprayers, and backpack or handheld sprayers.

The proposed duration of the PMP is from May 1, 2019 to April 30, 2024

A draft copy of the proposed PMP and maps of the proposed treatment areas may be examined in detail at: Ministry of Forests, Lands, Natural Resource Operations and Rural Development, 441 Columbia Street, Kamloops, B.C., V2C 2T3, online at [www.for.gov.bc.ca/hra/Plants/pmp.htm](http://www.for.gov.bc.ca/hra/Plants/pmp.htm), or by contacting the Agent listed above.

A person wishing to contribute information about a proposed treatment site, relevant to the development of the pest management plan, may send copies of the information to the applicant (c/o Drinkwater Environmental Services, Agent, listed above) within 30 days of the publication of this notice.



BRITISH  
COLUMBIA