

Best Management Practices for the Prevention of Invasive Species

The following procedures are provided for forestry and construction crew members and vehicles to prevent the spread of invasive species within the PRNPR.

All equipment entering the site will be cleaned prior to entering the park:

Before entering the work area:

- ▶ Vehicles will be inspected and cleaned (including the tires, wheel wells, bumpers and undercarriage) before entering the park each day (refer to Table 1).
- ▶ Large equipment will be inspected and cleaned before entering the site each day.
- ▶ Hand tools, will be inspected and cleaned of all dirt, and vegetative plant material before entering the site each day. The dirt and vegetative plant material can be brushed into black plastic bags and transported to a designated disposal site.

Before leaving the site or moving to a new site:

- ▶ Set-up a portable vehicle washing station on site; for additional information (for additional information refer to www.fs.fed.us/eng/pubs/pdf/05511203.pdf; and http://nwipc.org/documents/private/atv_reportaf.pdf).
- ▶ Vehicles will be inspected and cleaned (including the tires, wheel wells, bumpers and undercarriage) at a designated portable washing sites before leaving the park each day.
- ▶ Large equipment will be inspected and cleaned at a designated portable washing site before leaving the site each day.
- ▶ Hand tools, will be inspected and cleaned of all dirt and vegetative plant material before leaving the site each day. The dirt and vegetative plant material can be brushed into black plastic bags and transported to a designated disposal site.

Personnel entering the site will be weed free:

- ▶ Boots and clothing of workers will be clean; boots need to be washed or have the dirt removed before entering the site and leaving the site each day (Refer to Table 1).

Table 1: Procedures and Equipment for the Prevention of Invasive Plant Species

Vehicles and Equipment	The following procedures are to be completed:
	<ul style="list-style-type: none"> • Before entering the park
	<ul style="list-style-type: none"> • Before leaving the park
	<ul style="list-style-type: none"> • Before travelling to a different section of the trail

Procedure	Vehicles must be rinsed thoroughly using an on-site portable washing station, commercial on-site washing station or a commercial truck and vehicle wash.
	Vehicles parts to be washed include:
	<ul style="list-style-type: none"> • undercarriage
	<ul style="list-style-type: none"> • front and rear wheel wells
	<ul style="list-style-type: none"> • soil accumulation behind bumpers
	<ul style="list-style-type: none"> • grills
	<ul style="list-style-type: none"> • tires (roll forward when washing tires)
	<ul style="list-style-type: none"> • floor mats • truck boxes or trailers

If using an on-site washing station the water, soil and plant parts need to be collected and disposed of safely.

Personnel	Before entering your vehicle, exiting the park and moving to another trail, follow the guidelines below:
Equipment	<ul style="list-style-type: none"> • stiff bristled brush
	<ul style="list-style-type: none"> • boot washing tub (e.g. large ziplock/rubbermaid container)
	<ul style="list-style-type: none"> • clean water
	<ul style="list-style-type: none"> • fine filter cloth
	<ul style="list-style-type: none"> • strong black garage bags (for disposal of water, soil and plant parts)
	<ul style="list-style-type: none"> • small tarp

Procedure	While standing on the tarp:
	<ul style="list-style-type: none"> • shake then brush off all clothing to remove any plant material and mud
	<ul style="list-style-type: none"> • unroll any pant or shirt cuffs and shake then brush out any debris
	<ul style="list-style-type: none"> • brush off cruiser vests, back packs to remove plant material
	<ul style="list-style-type: none"> • brush off boots (including the bottom of the boots) with stiff bristled brush
	<ul style="list-style-type: none"> • use the foot wash to complete removal of all dirt and plant material
	<ul style="list-style-type: none"> • brush dirt and plant material off all hand held tools
	<ul style="list-style-type: none"> • wash all hand held tools in the foot bath
	<ul style="list-style-type: none"> • clean brush in foot bath to remove any debris

	<ul style="list-style-type: none">dispose of wash water by pouring it through a fine filter cloth, then place the filter cloth in a strong black plastic bag,
	remove the tarp carefully and transfer the dirt and plant material to the black plastic bag, tie securely and dispose at a contaminated site depot.
	leave the site

REFERENCES

BC Ministry of Agriculture, Food and Fisheries. 2002. Guide to Weeds in British Columbia. Available at: <https://www.for.gov.bc.ca/hra/plants/weedsbc/GuidetoWeeds.pdf>

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Fleming, J. 2002. Vehicle cleaning technology for controlling the spread of noxious weeds and invasive species. United States Department of Agriculture, forest Service Technology and Development Program 0551 1203 – SDTDC. Available at: www.fs.fed.us/eng/pubs/pdf/05511203.pdf

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