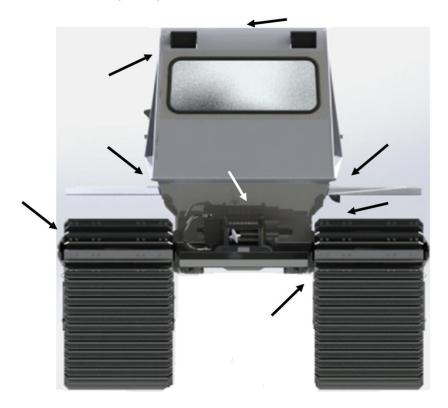
Equipment	Decontamination Mo	ethod by Risk Level for Aqua	Equipment Needed	Estimated Time	
	Low	Medium High			
Boots, Waders, or (Nomex)	Visually inspect and remove mud and debris before leaving and upon entering a new site. Rinse and dry.	Follow steps for low risk. Clean with pressure washer. (Follow manufacturer's directions for laundering Nomex)	Follow steps for medium risk. Whenever possible, dry for > 5 days before using at new site. If not possible, disinfect hot water pressure washer (Follow manufacturer's directions for laundering Nomex)	Scrub brush, rinse water, towels, heated pressure washer, pressure washer.	5-15 minutes (or 5 days dry time)
Kayaks and Canoes	Visually inspect and remove mud and debris before leaving and upon entering a new site. Rinse and air or towel dry when necessary.	solution or hot water pressure w	et interior and exterior with bleach asher before moving between equipment and gear for > 5 days before	Scrub brush, rinse water, towels; bleach solution: ½ cup [4 oz] bleach to 5 gallons of water or 1/10 cup bleach per one gallon to water 10 minutes contact time	5-15 minutes (or 5 days dry time)
Boats and Trailers	Inspect and clean exterior surfaces, removing visible vegetation, dirt and debris. Drain bilge, live wells, etc.		notor cooling system. Hot water pressure contact time) or spray with bleach	Brush, motor flusher, pressure washer, towels; bleach solution: ½ cup [4 oz] bleach to 5 gallons of water or 1/10 cup bleach per one gallon water 10 minutes contact time	10-45 minutes (or 5 days dry time)
Water Pumps/ Portable Pumps	Inspect and clean exterior surfaces, removing visible vegetation, dirt and debris. Drain.	•	pressure wash, drain, and dry. Dry for <u>></u> 5 valves to dry or decontaminate between	Brush, pressure washer or pump sprayer. DO NOT USE BLEACH.	10-20 minutes (or 5 days dry time)
Tracked/Wheeled Vehicles in Aquatic Habitat	Inspect and clean exterior surfaces, removing visible vegetation, dirt and debris.	Follow steps for low risk. Spray with pressure washer to clean.	Follow steps for medium risk. Disinfect before entering new waterbodies, hot water pressure wash, or dry for >5 days	Brush, heated pressure washer, pressure washer;	10 minutes - 3 hours (or 5 days dry time)

Emergency situations (e.g. wildland fires) may preclude the use of high level decontamination and work in highly valued sites (e.g. protected areas) may require additional decontamination. Managers should use best professional judgment and provide guidance to staff on a situational basis.

Aquatic Decontamination Equipment	Instructions for Use				
Gloves					
Safety glasses		Provided is a	a list of e	auinment th	at vou
Brush		Provided is a list of equipment that you may need to conduct Invasive Species Decontamination in the field. Ensure you have the necessary items before leaving			
Towels					
Bleach					
Garbage bags		for the field	. The ta	ble below pr	ovides
Handheld pump sprayer				e appropriat	
				ocedures bas	
Boats, Portable Pumps, other vehicles	level of risk. For additional guidance on assessing risk level, please see the risk table on the flip side of this check-list.				
Portable Pressure Washer					
Water Source (for Pressure Washer)				•	
Heated Pressure Washer					
Personal Decontamination in Aquation			Low	Medium	High
Inspect and remove debris from boots, waders,	, etc.	Х	Х	Х	
Rinse with pressure washer		Х	Х		
Disinfect with bleach, heated pressure wash or			Х		
Kayaks and Canoes	Low	Medium	High		
Inspect and remove mud & debris (rinse, dry)	х	Х	X		
Disinfect vessel with bleach solution or heated		х	х		
Dry for > 5 days					
Boats	Low	Medium	High		
Inspect and remove mud and debris		X	Х	Х	
Clean, drain, dry including bilges, live wells, etc.	X	X	X		
Disinfect with bleach solution or heated pressu					
days		Х	Х		
Portable Pumps	Low	Medium	High		
Inspect and remove mud and debris	х	Х	Х		
Pressure wash, drain and dry. If possible dry fo		Х	Х		
Tracked/Wheeled Vehicles in Aqua	Low	Medium	High		
Inspect and remove debris.		Х	Х	X	
Clean equipment with pressure washer			X	X	
Clean with heated pressure wash or dry for >5				Х	

For additional guidance on terrestrial equipment and work environments, refer to instructions contained within Terrestrial Decontamination Materials. For more information on methods or special situations, refer to the Forest Resources Guidance Document.

Seed, Mud, and Plant Matter Collection Points



Additional Resources

Best Control Practice Guides – Information on species ecology, control and treatment

http://www.michigan.gov/invasivespecies and click on publications

MISIN – Resources for identification, species distribution and reporting

http://www.misin.msu.edu/

Invasive Species Contact List – Species-specific contacts for information or reporting invasive species occurrences

http://www.michigan.gov/documents/dnr/Invasive Species Contact Table 411161 7.pdf

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