

ORDER OF THE STATE OF WISCONSIN NATURAL RESOURCES BOARD
REPEALING AND RECREATING AND CREATING RULES

The Wisconsin Natural Resources Board proposes an order to repeal and recreate NR 345.04(2)(c)9. and to create NR 320.06(1)(c)15. and (d)7. and (2)(c)10., 323.04(1)(c)11. and (2)(c)5., 328.04(3)(j) and 328.05(7)(i), 329.04(1)(c)5. and (2)(c)4., 341.08(3)(i), 343.07(3)(a)4. and 345.04(1)(c)6. and (d)9. relating to general permit criteria requiring decontamination of equipment for invasive species and viruses

WT-33-07

Summary Prepared by the Department of Natural Resources

Statutory Authority: ss. 30.12(1g) and (3), 30.123(6) and (7), 30.19(1m) and (3r), 30.20(1r) and (1t) and s. 30.206, Stats.

Statutes Interpreted: ss. 30.12(1g) and (3), 30.123(6) and (7), 30.19(1m) and (3r), 30.20(1r) and (1t) and s. 30.206, Stats.

Explanation of Agency Authority:

The Department has authority under ss. 30.20 and 30.206, Stats., to promulgate rules to establish general permits.

Related statute or rule:

These rules relate directly to regulation of activities in navigable waters under ch. 30, Stats., waters designations in ch. NR 1, and the NR 300 series of rules.

Plain Language Analysis:

The purpose of this rule revision is to modify the existing rules to establish a new exemption and general permit criteria requiring decontamination of equipment for invasive species and viruses (including but not limited to VHS). This rule revision establishes an additional exemption and general permit requirement regarding decontamination of equipment used on activities in navigable waters under ch. 30, Stats., to control the spread of invasive species and viruses. The proposed rule establishes exemption and general permit standards for activities that would otherwise require an individual permit containing the same condition.

Federal Regulatory Analysis:

Any activity that results in a discharge (including deposits and structures) into "waters of the United States" is regulated by the U.S. Army Corps of Engineers (Corps) under section 404 of the Clean Water Act. An Individual Permit from the Corps is required, unless Wisconsin regulates the project in its entirety under ch. 30, Stats., in which case the project is authorized by the Corps under general permits GP-01-WI or GP-LOP-WI.

Comparison with Adjacent States:

The four adjacent states have not yet adopted regulations addressing the VHS problem, but steps have been taken elsewhere, particularly in the lower Great Lakes where the Great Lakes form of the VHS virus was first discovered. In November of 2006 the New York State Department of Environmental Conservation announced emergency regulations prohibiting the commercial collection of bait fish from waters of the state where VHS has been detected, limiting the use of bait fish to the specific water from which they were collected, and prohibiting the placement of live fish into the waters of the State (including possessing, importing, and transporting live fish for purposes of placing them into the waters of the State) unless accompanied by a fish health inspection report issued within the previous 12 months. In January the Pennsylvania Fish and Boat Commission placed a temporary ban on the transportation of live fish from Lake Erie and its tributaries to inland waters, and permanent rule changes are expected. Michigan and other jurisdictions are also considering regulations to address this issue.

Summary of Factual Data and Analytical Methodologies: Substantial published scientific literature on the effects on fish, wildlife and water quality during and after physical alterations to lakes and streams is the basis for the rule parameters. In addition, data on actual field conditions during and after such alterations from department files is applied.

Analysis and Documents Supporting Determination of Small Business Effect: Any person placing a structure or making similar physical modifications to public navigable waters either qualifies for an exemption or must obtain a general or individual permit under state statute. To comply, small businesses follow the same requirements as other waterfront property owners: (1) make a self-determination of exemption using web-based tools provided by the department or describe their activity on an exemption determination request form; (2) complete a general permit application; or (3) complete an individual permit application. Schedules, application steps and compliance/reporting requirements are very basic for all applicants, and most projects can be planned and conducted by individuals with no specific professional background.

Anticipated Private Sector Costs: This rule package may increase operational costs to the extent that these decontamination practices are not already being implemented by these entities or by contractors acting on their behalf. The costs will vary according to the type of entity affected, the frequency with which the entity works on projects in or near navigable waters as well as the scope and size of those projects, and the decontamination method or methods that the entity chooses to implement. Given this wide degree of variability, the Department is characterizing the fiscal impact on the private sector as "indeterminate".

Effect on Small Business: Public utility companies, contractors, marinas and other waterfront businesses who wish to conduct Chap 30. regulated activities will be affected by the rule. Specific standards will provide clarity and consistency in the permitting process.

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SECTION 1. NR 320.06(1)(c)15., (1)(d)7. and (2)(c)10. are created to read:

NR 320.06(1)(c)15. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 15.a. to c. or h. Decontamination shall include either this subd. 15.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

(1)(d)7. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 7.a. to c. or h. Decontamination shall include either this subd. 7.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

(2)(c)10. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 10.a. to c. or h. Decontamination shall include either this subd. 10.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 2. NR 323.04 (1)(c)11. and (2)(c)5. are created to read

NR 323.04(1)(c)11. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 11.a. to c. or h. Decontamination shall include either this subd. 11.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

(2)(c)5. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 5.a. to c. or h. Decontamination shall include either this subd. 5.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 3. NR 328.04 (3)(j) is created to read:

NR 328.04 (3)(j) To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in subd. 1. to 3. or 8. Decontamination shall include either subd. 4., 5., 6., 7., or 8. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

1. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

2. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

3. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

4. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

5. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

6. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

7. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

8. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 4. NR 328.05 (7)(i) is created to read:

NR 328.05 (7)(i) To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after

use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in subd. 1. to 3. or 8. Decontamination shall include either subd. 4., 5., 6., 7., or 8. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

1. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

2. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

3. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

4. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

5. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

6. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

7. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

8. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 5. NR 329.04(1)(c)5., and (2)(c)4. are created to read:

NR 329.04(1)(c)5. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 5.a. to c. or h. Decontamination shall include either this subd. 5.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

(2)(c)4. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 4.a. to c. or h. Decontamination shall include either this subd. 4.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 6. NR 341.08(3)(i) is created to read:

NR 341.08(3)(i) To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in subd. 1. to 3. or 8. Decontamination shall include either subd. 4., 5., 6., 7., or 8. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

1. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

2. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

3. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

4. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

5. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

6. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

7. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

8. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 7. NR 343.07(3)(a)4. is created to read:

NR 343.07(3)(a)4. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 4.a. to c. or h. Decontamination shall include either this subd. 4.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 8. NR 345.04(1)(c)6., and (1)(d)9. are created to read:

NR 345.04(1)(c)6. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 6.a. to c. or h. Decontamination shall include either this subd. 6.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

(1)(d)9. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 9.a. to c. or h. Decontamination shall include either this subd. 9.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make

available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands". Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 9. NR 345.04(2)(c)9. is repealed and recreated to read:

NR 345.04(2)(c)9. To stop the spread of invasive species and viruses from one navigable waterway to another navigable waterway, all equipment or portions of equipment used for constructing, operating, or maintaining the project, including tracked vehicles, barges, boats, silt or turbidity curtains, hoses, sheet piles, and pumps, shall be decontaminated for invasive species and viruses before and after use or prior to use within another navigable waterway. Decontamination activities shall be performed by taking actions specified in this subd. 9.a. to c. or h. Decontamination shall include either this subd. 9.d., e., f., g., or h. for any equipment, or portions of equipment, that is used in non-frozen navigable waters when the air temperature is above 19 degrees Fahrenheit at the time the decontamination procedures take place.

a. Inspect all equipment used for constructing, operating, or maintaining the project and remove all plants and animals, and other mud, debris, etc.

b. Drain all water from equipment used in navigable waters.

Note: This does not apply to water in closed engine cooling systems or water tanks, or containers of potable drinking water or other beverages meant for human consumption. If a tanker truck discharges water collected from navigable waters in upland areas, the tank does not require disinfection.

c. Dispose of plants and animals in the trash. An operator may not transfer plants or animals or water from one navigable waterway to another.

d. Wash equipment at a temperature of not less than 212 degrees Fahrenheit water (steam clean).

e. Wash equipment with soap and water or high pressure water of not less than 2000 pounds per square inch.

f. Allow equipment to dry thoroughly for not less than 5 days.

Note: Additional drying techniques including drying through natural or mechanical means or changes in drying duration may be submitted to the department for review and approval.

g. Disinfect equipment with 200 parts per million (0.5 ounces per gallon) chlorine for not less than 10 minute contact time. Every effort should be made to keep the disinfection solution and rinse water out of surface waters.

Note: Chlorine refers to either household bleach solution (5.25% chlorine) or granular chlorine (70% calcium hypochlorite)

h. Follow the most recent department approved disinfection protocols or department approved best management practices for infested waters. The department shall maintain on its website and make available at its offices a list of the most recent disinfection protocols or department approved best management practices for invasive species and viruses.

Note: See the department's website at dnr.wi.gov under the topic "Waterway and Wetlands".
Recommendations for additional disinfection or decontamination protocols or department approved best management practices may be submitted to the department for review and approval to be added to this list.

SECTION 10. EFFECTIVE DATE. This rule shall take effect on the first day of the month following publication in the Wisconsin administrative register as provided in s. 227.22(2)(intro.), Stats..

SECTION 11. BOARD ADOPTION. This rule was approved and adopted by the State of Wisconsin Natural Resources Board on January 23, 2008 and June 25, 2008.

Dated at Madison, Wisconsin _____.

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

(SEAL)

By _____
Mathew J. Frank, Secretary