



BALLAST WATER MANAGEMENT FOR CONTROL OF NONINDIGENOUS SPECIES IN THE GREAT LAKES

APPLICABILITY

33 CFR 151.1502

- All non-recreational seagoing vessels equipped with ballast tanks
- Operate beyond the EEZ



BALLAST WATER MANAGEMENT REQUIREMENTS

33 CFR 151.1510

- Retain on board
- Install and operate USCG approved BWMS
- Install and operate an Alternate Management System
- Use only water from US Public Water System

BALLAST WATER DISCHARGE STANDARDS

33 CFR 151.1511

- Fewer than 10 organisms greater than or equal to 50 micrometers per cubic meter
- Fewer than 10 organisms between 10 to 50 micrometers per milliliter
- Less than 1 colony forming unit of *Vibrio cholerae* per 100 milliliters
- Less than 250 colony forming units of *E. coli* per 100 milliliters
- Less than 100 colony forming units of intestinal enterococci per 100 milliliters

BWMS IMPLEMENTATION SCHEDULE

	Ballast Water Capacity	Compliance Date
New Vessels (December 1, 2013)	All	On Delivery
Existing Vessels	Less than 1,500 m ³	First drydock after January 1, 2016
	1,500 m ³ – 5,000 m ³	First drydock after January 1, 2014
	Greater than 5,000 m ³	First drydock after January 1, 2016

BALLAST WATER REPORTING

33 CFR 151.2060

- At least 24 hours prior arrival in Montreal
- Submitted to National Ballast Information Clearinghouse

OMB number 1625-0069
Exp. date: 31-July-2023

Ballast Water Management Report

Vessel Information

Vessel name

ID number **IMO number**

Country of Registry **Select country**

Owner/operator

Type **Select vessel type** Gross Tonnage

Ballast water volume units **Select units**

Total ballast water capacity Number of tanks on ship

Onboard BW Management System

Last dry dock date

Voyage Information

Arrival port (port and state) **Select state**

Arrival date

Last port (port and country) **Select country**

Next port (port and country) **Select country**

Total ballast water on board Number of tanks in ballast

Number of tanks discharged

Certificate of accurate information

By checking this box, I attest to the accuracy of the information provided and that ballast water management activities were in accordance with the ballast water management plan required by CFR 151.2050(g).

Responsible Officer's name and title

Report type **Select report type**

Submitted by Contact information

Ballast Water History

On the following page(s), provide the ballast water history for each tank discharged into the waters of the United States or to a reception facility, en route to or at the arrival port. Vessels entering the Great Lakes or Hudson River (north of George Washington Bridge) from beyond the US EEZ must also provide the history for empty tanks that underwent alternative management.

BALLAST WATER REPORTING

33 CFR 151.2060

- Vessel information
- Voyage information
- Ballast water information
- Ballast water to be discharged in US waters or to reception facility

Ballast Water History

Tank name/number			Tank capacity
Event	Date	Location(s) (for Management event include Start pt. / End pt.)	Volume
Discharge to US waters			
Select event			
Select event			
Select event			
Select event			

If BW management was *not* conducted for this tank, select one of the following reasons **Select reason**

Tank name/number

Event	Date	Location(s) (for Management event include Start pt. / End pt.)	Volume
Discharge to US waters			
Select event			
Select event			
Select event			
Select event			

If BW management was *not* conducted for this tank, select one of the following reasons **Select reason**

Tank name/number

Event	Date	Location(s) (for Management event include Start pt. / End pt.)	Volume
Discharge to US waters			
Select event			
Select event			
Select event			
Select event			

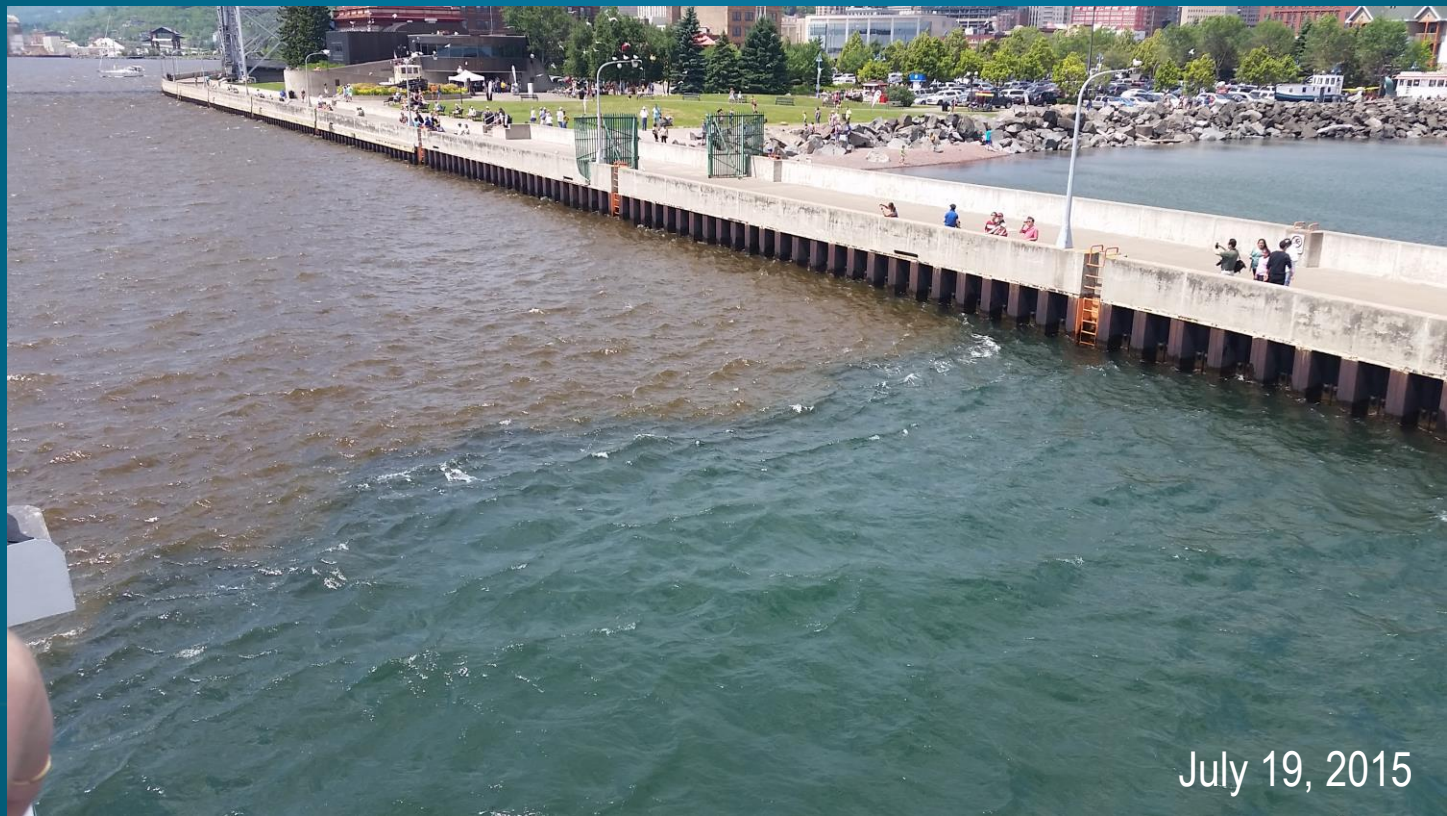
If BW management was *not* conducted for this tank, select one of the following reasons **Select reason**

Tank name/number

Event	Date	Location(s) (for Management event include Start pt. / End pt.)	Volume
Discharge to US waters			
Select event			
Select event			
Select event			
Select event			

If BW management was *not* conducted for this tank, select one of the following reasons **Select reason**

GREAT LAKES TURBIDITY



July 19, 2015

GREAT LAKES TURBIDITY

- UV based systems experiencing difficulty with turbid water
- USCG consulting with vessel management and Canadian authorities on case-by-case basis
- Expectation is vessels meet US regulations
- Goal is to minimize risk to environment and facilitate safe vessel operations



THANK YOU