



**Drew Marine**

**Vessel Compliance  
Simplified**



*Services for Ship Owners, Operators, and Managers*

# Because When Compliance is Done Right, You're Always Ahead

## Compliance Experts at Your Fingertips

Navigating global water discharge regulations shouldn't feel like charting unknown waters. The work to manage vessel compliance is complex. From scheduling third-party analyses to ensuring precise sampling, transport, and testing, every step must meet strict **EPA**, **IMO**, and **WHO** standards. One missed detail—an expired holding time, incomplete chain of custody, or incorrect test method—can result in non-compliance, costly fines, and operational delays. Wherever your vessels operate, safeguard your operations, protect your reputation, and avoid costly penalties.

With Drew Marine, you can confidently navigate compliance—efficiently, accurately, and stress-free. We streamline the compliance process, delivering end-to-end support for accurate, timely sampling and testing across the following six regulated water discharge types:

1. Ballast Water
2. Graywater
3. Bilge Water
4. Exhaust Gas Scrubber Washwater
5. Potable Water
6. Blackwater

### Critical Compliance Requirements

#### Third-Party System Evaluations

*Annual or semi-annual evaluations with specified lab test methods.*

#### Strict Sampling Protocols

*Proper sample collection, transportation, and testing methods are essential to comply with regulations and avoid invalid results.*

#### Chain of Custody

*Every sample must be tracked, with documented handling at each step to prevent tampering.*

#### Critical Holding Times

*Tests must be performed within strict timeframe requirements for each analysis in order to assure accuracy.*



# The Smart Way to Be Compliant

Get the full support you need with our comprehensive testing services. Drew Marine lightens your workload, keeps your crews happy, and delivers the precision, insights, and proven expertise to guarantee your compliance is flawless and reliable.

<b>Vessel General Permit (VGP) Testing</b>	Ballast water, graywater, bilge water, and exhaust gas scrubber washwater tested according to U.S. EPA requirements.
<b>Potable Water Testing</b>	Potable water tested according to WHO guidelines in order to protect the health and safety of the crew.
<b>Blackwater Testing</b>	Blackwater according to IMO standards to test the operational efficiency of the sewage plant.
<b>Onboard Sampling &amp; Testing</b>	Necessary onboard test conducted and all samples handled and transported to the laboratory according to the requirements of the tests by trained engineers.
<b>Certified Labs</b>	Samples analyzed in certified laboratory by required test methods and results reviewed by Technical Department.
<b>Technical Review</b>	Test accuracy confirmed and recommendations provided to improve system performance.

## Comprehensive Water Discharge Compliance

### Ballast Water, Graywater, & Bilge Water

Samples are collected using pretreated, laboratory-provided bottles. Samples are transported in cooled containers within strict holding times, with a signed **Chain of Custody (C.O.C.)** form.

**VGP** tests include:

- **Ballast Water:** E. coli, Enterococci, Total Heterotrophic Bacteria, Total Residual Chlorine, Trihalomethanes, and more, based on treatment method.
- **Graywater:** Fecal Coliform, TSS, BOD, pH, and Total Residual Chlorine.
- **Bilgewater:** Oil and Grease (HEM)

### Blackwater

Samples are collected and analyzed per **IMO** standards: BOD, COD, TSS, Fecal Coliform, and pH.

### Exhaust Gas Scrubber Washwater

Closed-loop systems are sampled by Drew Marine engineers. Open-loop systems require sampling at sea, with convenient onboard kits available. Samples are tested for PAH, Nitrite/ Nitrate, pH, and Total & Dissolved Metals.

### Potable Water

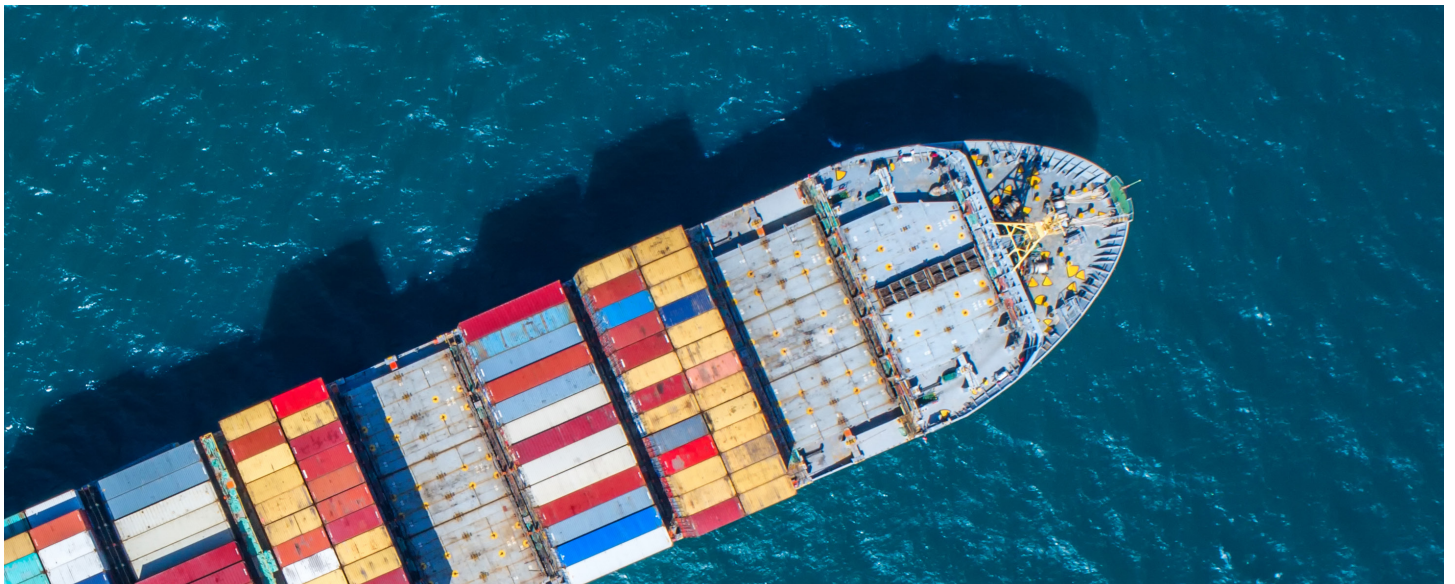
To ensure crew safety, potable water is analyzed according to **WHO** standards, covering:

- **Physical:** Color, pH, Turbidity, Conductivity
- **Chemical:** Hardness, Metals (Iron, Lead, Cadmium, Nickel, Copper, Zinc), Free Chlorine
- **Microbiological:** Coliforms, E. coli, Legionella, Total Heterotrophic Bacteria

# Compliance, Done Right. Every Time.

The rules are complex, but with Drew Marine's Vessel Compliance Technical Services, it's straightforward. We go beyond testing - we deliver precise, EPA, WHO, and IMO regulation-aligned evaluations and give you the insights you need to stay on track, keeping your operations efficient with confidence.

		Drew Marine	Alternatives
<b>Water Sampling &amp; Testing</b>	Sample transported and tested in accordance with requirements.	●	●
<b>Technical Evaluation of Results</b>	Review of results by technical experts and recommendation of any corrective actions needed to be taken.	●	
<b>100% Concierge Experience</b>	Full end-to-end support.	●	
<b>100% Accuracy/ Compliance</b>	Ensure lab accuracy and obey all requirements.	●	



# How Drew Marine Helps You

With industry-leading expertise, a world-class global certified lab network, and dedicated professionals like our Technical Service Team, we deliver maritime solutions that give you peace of mind.

From precise sampling to expert guidance, Drew Marine is by your side every step of the way. No other company matches our commitment to keeping your operations safe, efficient, and fully compliant. Partner with Drew Marine today and experience the difference. Contact your Drew Marine Account Executive for more information.

## Why Choose Drew Marine?



### Predictable Workflow

Rest easy knowing trained experts conduct every test accurately, for full compliance with regulations.



### Seamless Operations

Everything you need, streamlined into one comprehensive service, backed by dedicated support.



### Smart Solutions, Maximum Value

Tailored, cost-effective services keep your operations running smoothly, without unexpected surprises.

## Safeguard Your Operations in 2 Easy Steps

- 1.** Submit your Testing Request Form.  
*Send your completed form to Drew Marine approximately ~4-5 days before testing, ensuring all required information to confirm feasibility.*
- 2.** Receive your report & recommendations.  
*Get a detailed report with actionable insights, typically issued ~10-14 working days after sampling.*

## **OUR VISION**

Drew Marine is the most trusted brand and preferred global resource for marine solutions that enhance the longevity and operating efficiency of ocean vessels.

## **OUR MISSION**

To sustain the superiority of the Drew Marine brand by bringing environmentally and technologically superior products and services for the benefit of vessel owners and operators while increasing shareholder value.



# ***Drew Marine***<sup>®</sup>

400 Captain Neville Drive  
Waterbury, CT 06705 USA  
1-973-526-5700  
[www.Drew-Marine.com](http://www.Drew-Marine.com)