



Maryland
Department of
the Environment

Maryland Clean Marina Seminars 2025

Haven Harbor South (January 22nd)

Southern Maryland Sailing Association (January 24th)

Annapolis Recreation Center (January 28th)



Agenda

- Definitions
- Oil Operations Permit
- AST Registration
- Marina Operation Requirements
- OCP – AST & Permits Staff
- Q & A



Marina-focused Regulations: Definitions (COMAR 26.10.01.02)

- Aboveground Storage Tank (AST)
 - Used for oil storage
 - **Greater than 250 gallons**
 - more than 90 percent above the surface of the ground, excluding piping
- Marina
 - A facility having one or more piers, moorings, or bulkheads, **and** marine motor fuel storage and dispensing systems for boats, vessels, and other marine watercraft **used primarily for recreational purposes by the general public.**

MDE TAKEN PHOTO



MARINA Individual Oil Operation Permit
COMAR 26.10.01.09 & .11



Marina-focused Regulations: Oil Operations Permits ([26.10.01.09](#))

- Individual Oil Operations Permit
 - Must apply for and obtain if your marina has an **AST system** that is part of a motor fuel dispensing facility
- If AST is for a motor fuel dispensing system used only for business use (i.e., not used to dispense to the public), it is covered by a General Permit by Rule (unless an individual permit is required by 26.10.01.09A)
- If AST is for non-motor fuel dispensing, it is covered by a general permit by rule (unless an individual permit is required by 26.10.01.09A)



Marina-focused Regulations: - Oil Operations Permits (26.10.01.09/.11)

- Individual Oil Operations Permits
 - Submit Application Forms: General, A, E, F, & G
<https://mde.maryland.gov/programs/land/Pages/landpermits.aspx#OCP>
 - MDE staff will perform inspection of the facility as a part of the permitting process
 - Permits are issued for 5 years
- Time frames
 - **By June 13, 2025 for existing AST systems**
 - **At least 60 days prior to operation for new AST systems**

MDE TAKEN PHOTO



AST Registration

COMAR 26.10.01.09

Who Must Register?

COMAR 26.10.01.10 and Fact sheet

- Facility Operating Under an **Individual** Oil Operations Permit (including marinas with an AST system that is part of a motor fuel dispensing facility) will have the AST systems at the facility registered through the individual oil operations permitting application process. Therefore, no additional registration forms are necessary.
- Facility Operating Under a **General** Permit by Rule (see COMAR 26.10.01.09B) and has greater than 2,500 gallons of aboveground oil storage **is required to submit a completed AST System Registration Form.**

AST Registration (26.10.01.10)

- Form is available on MDE's OCP website:

<https://mde.maryland.gov/programs/land/Pages/landpermits.aspx#OCP>

- Submit the registration form for:
 - Operating under a General OOP
 - Aggregate shell storage capacity greater than 2,500 gallons
- December 13, 2023 for existing AST systems**
- Within 30 days for new AST systems**

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land and Materials Administration Oil Control Program
1800 Washington Boulevard Suite 620 Baltimore Maryland 21230-1719
(410) 537-3442 800-633-6101 x3442 410-537-3092 (fax) www.mde.maryland.gov

ABOVEGROUND STORAGE TANK (AST) SYSTEM REGISTRATION FORM

MDE OCP Facility ID (if known): _____	MDE Use Only
Type of Registration (mark one): New _____ Amended _____ Closure _____	AI Number: _____
Is this an Owner Name Change? Yes _____ No _____	Date Received: _____
Number of AST systems at facility: _____	Return completed form to: Maryland Department of the Environment Oil Control Program 1800 Washington Boulevard, Suite 620 Baltimore MD 21230-1719 - OR - AST.Registration@maryland.gov

I. OWNERSHIP INFORMATION

AST System Owner Name: _____

If the AST System Owner is a business entity, is the entity registered with the Maryland Department of Assessments and Taxation? Yes _____ No _____

Street Address: _____

City _____ State _____ Zip Code _____ County _____

Owner Contact Person and Job Title: _____

Telephone Number: _____ Fax: _____

Email: _____

Mailing Address (if different from above): _____

City _____ State _____ Zip Code _____ County _____



PERMIT OR REGISTRATION?

INDIVIDUAL OIL OPERATIONS PERMIT:

1. Dispensing Fuel to Public from AST 251 gallons or greater
2. Any AST 10,000+ gallon capacity
3. AST with 1,000 gallons used oil capacity

GENERAL OIL OPERATIONS PERMIT BY RULE (REGISTRATION)

1. AST 2,500 – 9,999 gallon capacity

Wetlands and Waterways (26.10.01.04 and .14)

- Facilities in the following areas need to obtain applicable state and/or federal authorizations
 - A special flood hazard area
 - A tidal or nontidal wetland
 - A nontidal wetland buffer
 - A 100-year floodplain of free-flowing waters
- ASTs and each dispenser must be anchored securely (26.10.01.14B).





Marina-focused Regulations (COMAR [26.10.01.14](#))

- New or replacement storage tank systems used for fueling vessels
 - Obtain applicable wetland and waterways authorizations
 - Design system that complies with
 - **Marina Fueling System Requirements** (COMAR 26.10.01.14E)
 - NFPA 30; NFPA 30A; and PEI/RP1000
 - Engineering design plans must be prepared by one or more of the following:
 - Professional engineer
 - UST system technician
 - Certified STI inspector
 - Authorized API 653 inspector
 - Submit engineering design plans to MDE for review and approval **at least 60 days prior to the start of installation**
- Existing storage tank systems used for fueling vessels
 - Comply with the **Marina Fueling System Requirements** (COMAR 26.10.01.14E) no later than **June 13, 2025**



Marina Fueling System Requirements (COMAR 26.10.01.14E) & [Piping Fact sheet](#)

- Emergency Fuel Shutoff Valve
 - For each pipe conveying oil from a storage tank to a dispenser on a fueling pier
 - Located on-shore and near to the approach to the fueling pier
 - Located outside of any secondary containment area
 - Grouped in one location
 - In a waterproof containment sump that is not locked or bolted closed
 - Identified by a sign stating “EMERGENCY FUEL SHUTOFF VALVE” in 2-inch minimum red capital letters



Marina Fueling System Requirements (COMAR 26.10.01.14E)

- Electrical components are installed in accordance with NFPA 70 - National Electrical Code
- Emergency Pump Shutoff
 - Interlocked to shut off power to all pump motors, fuel dispensing devices, solenoid valves, and electrical circuits in classified areas from any individual location and manually reset only from a master switch
 - Located on land within 10 feet of the bulkhead and near to the approach to a fueling pier
 - Located on a fueling pier at least 20 feet and not further than 100 feet from a dispenser
 - Identified by a sign stating “EMERGENCY PUMP SHUTOFF” in 2-inch minimum red capital letters



Marina Fueling System Requirements (COMAR 26.10.01.14E)

- Fuel dispensing systems
 - UL listed or approved for the fuel being dispensed
 - Compatible with the product piping
 - Has a containment sump that does not leak
 - Has a UL listed shear valve placed and properly anchored
- Fuel delivery nozzles are automatic-closing type without a latch-open device
- Hoses longer than 18 feet are secured by a hose reel
- One or more signs are posted in the dispensing area that provide instructions to the public on vessel fueling procedures



Marina Fueling System Requirements (COMAR 26.10.01.14E)

- Underground piping complies with COMAR 26.10.03.02 and 26.10.05.01 and .02
- Piping between the bulkhead and the dispenser is rated for aboveground, overwater, or underwater use by the piping manufacturer or is sleeved in rigid, corrosion-resistant pipe meeting a minimum 2-hour fire rating
- Do not use galvanized pipe or fittings for **diesel** fuel applications



Marina Fueling System Requirements (COMAR 26.10.01.14E) – Floating Piers

- The transition piping between the bulkhead and a floating pier includes
 - A reducing seal at the bulkhead
 - Non-corrosive pipe supports
 - An in-line breakaway that seals both ends of the piping
 - Fire-rated flex connectors
- Transition piping connects in a leak-proof containment sump with
 - A manual ball valve in the product line
 - A solenoid valve that is closed when the emergency pump shutoff is activated or when no fueling is occurring
 - A sump sensor that triggers a positive system shutdown



Marinas (COMAR 26.10.01.14)

- Fuel dispensing to vessels at a marina & [Fact Sheet](#)
 - Must have an attendant during vessel fueling activities
 - Attendant needs to be familiar with the dispensing systems and emergency shutoff controls
 - Ensure that customers do not dispense fuel into improper portable containers
 - Ensure vessels are properly moored and all fueling connections are made
 - Be within 15 feet of the dispensing controls during a fueling operation
 - Maintain a direct, clear, and unobstructed view of both the vessel fuel filler neck and the emergency pump shutoff
- Need a spill response box near fuel dispensing area
 - Stores sorbent materials that can float on water to contain a minimum spill of 25 gallons
 - Is inspected monthly



Marina-focused Regulations (26.10.01.16) Oil Delivery by Truck Tanks and Transports

- Cannot fuel or refuel a vessel from a truck tank or transport at a marina that serves the boating public
- Can dispense a Class II liquid from a truck tank or transport at a commercial, industrial, government, or manufacturing facility with specific requirements met (see COMAR 26.10.01.16E)
- [Fact Sheet](#)



Shop-Fabricated AST Systems Regulations:

- COMAR [26.10.17](#) Shop-fabricated ASTs
 - Piping
 - Secondary Containment
 - Spill and Overfill Prevention
 - Release Detection
 - Venting
 - Inspections
 - Out-of-Service & Permanent Closure & [Fact Sheet](#)
 - Recordkeeping
- Maryland Monthly AST System Visual Inspection [Form](#)



Oil Control Program – AST & Permits Staff

AST & Permits Section		
Brad Barzin – Section Head	410-537-3483	brad.barzin@maryland.gov
Baltimore City & Kent, Queen Anne’s, Caroline, Talbot, Dorchester, Wicomico, Worcester, and Somerset Counties		
Elliot Hirtle	410-537-3263	elliott.hirtle@maryland.gov
Dominique Le Maitre	410-537-3956	dominique.lemaitre@maryland.gov
Carroll, Howard, Montgomery, Frederick, Washington, Allegany, and Garrett Counties		
Martins Osakue	410-537-3645	martins.osakue1@maryland.gov
Azm Parvez	410-537-3461	azm.parvez@maryland.gov
Cecil, Harford, Baltimore, Anne Arundel, Prince George’s, Charles, Calvert, and St. Mary’s Counties		
Juraj Masiar	410-537-3412	juraj.masiar@maryland.gov

<https://mde.maryland.gov/programs/land/OilControl/Pages/index.aspx>

Q & A





Maryland Department of the Environment

Oil Control Program AST & Permits Section

Brad Barzin

410-537-3483

brad.barzin@maryland.gov