



# **Florida Department of Environmental Protection**

## **Storage Tank Systems Program**

# **What Can Marinas Do to Stay in Compliance with Storage Tank Regulations?**

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# Storage Tank Program Contacts

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**<http://www.dep.state.fl.us/waste/categories/tanks/default.htm>**



# County Compliance Verification Program

## Escambia County

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# Storage Tank Systems Regulations

## Underground Storage Tanks

Chapter 62-761, F.A.C.

- Underground tanks with a capacity greater than 110 gallons



## Aboveground Storage Tanks

Chapter 62-762, F.A.C.

- Aboveground tanks with a capacity greater than 550 gallons





# Chapters 62-761 & 62-762 F.A.C.

Provide standards for the **Registration, Construction, Installation, Operation, Maintenance, Repair, Closure, and Disposal** of storage tank systems.

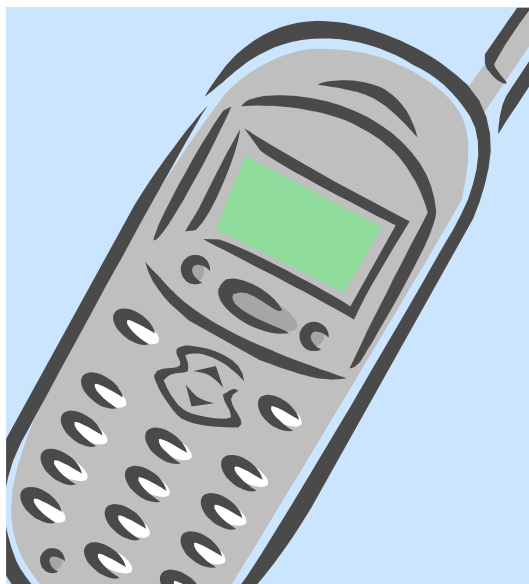
- (1) Notification and registration of *new* tank systems
- (2) Financial responsibility
- (3) Approved equipment and correct operation
- (4) Leak detection
- (5) Notification and proper closure of old tank systems
- (6) Reporting and responding to incidents and discharges



# Notification of a New Tank

## Contact your Local County Tanks Program (In writing or electronic format)

Between 30 and  
45 days  
**prior to initiating  
the installation of**  
a new storage  
tank system.



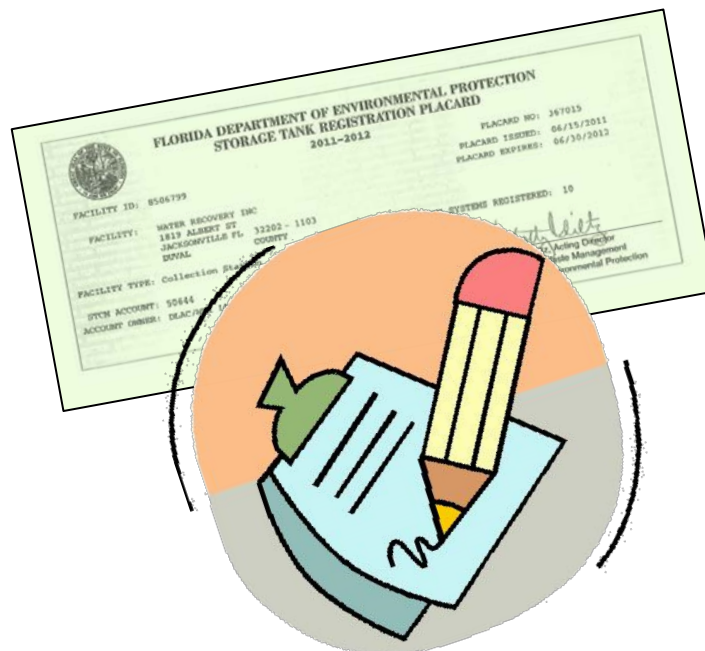
Between 48 and  
72 hours **prior to  
initiating the work**  
to confirm the date  
and time of  
scheduled  
activities.





# Registration

**New storage tank systems must be registered no later than 30 days prior to installation and the addition of product.**



**Registration is made by completing and submitting a complete Storage Tank Registration Form.**



# Financial Responsibility

**Have financial responsibility that can pay for corrective actions and third-party liability resulting from a discharge from your storage tank system.**

**Aboveground Tanks  
(Minimum):**  
\$500,000  
coverage per  
incident and \$1  
million annual  
aggregate.



**Underground Tanks  
(Minimum):**  
\$1 million  
coverage per  
incident and \$1  
million annual  
aggregate.

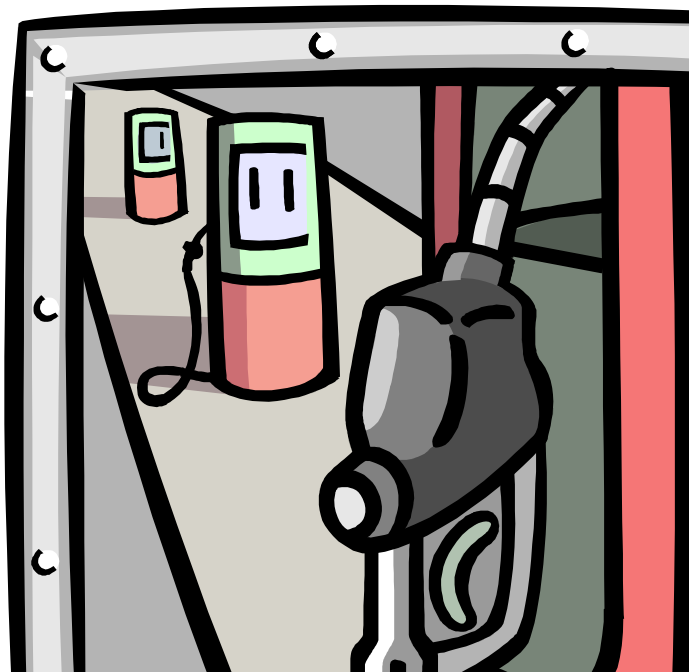
**Code Federal Regulations, Title 40, Part 280, Subpart H**





# Approved Equipment

**Ensure that the tank, its associated piping and components are approved by the state.**



<http://www.dep.state.fl.us/waste/categories/tanks/pages/equip.htm>



# Marina Aboveground Storage Tank



- Double-walled tank
- Single-walled tank with secondary containment



# Marina Aboveground Storage Tank

## REQUIREMENTS:

- Spill Containment
- Tank Leak Detection (Visual or Interstitial)
- Piping/Sump Components
- Overfill Protection
- Anti-siphon valve
- Double-walled piping over water







# Marina Aboveground Storage Tank

## Aboveground System Transition Sump

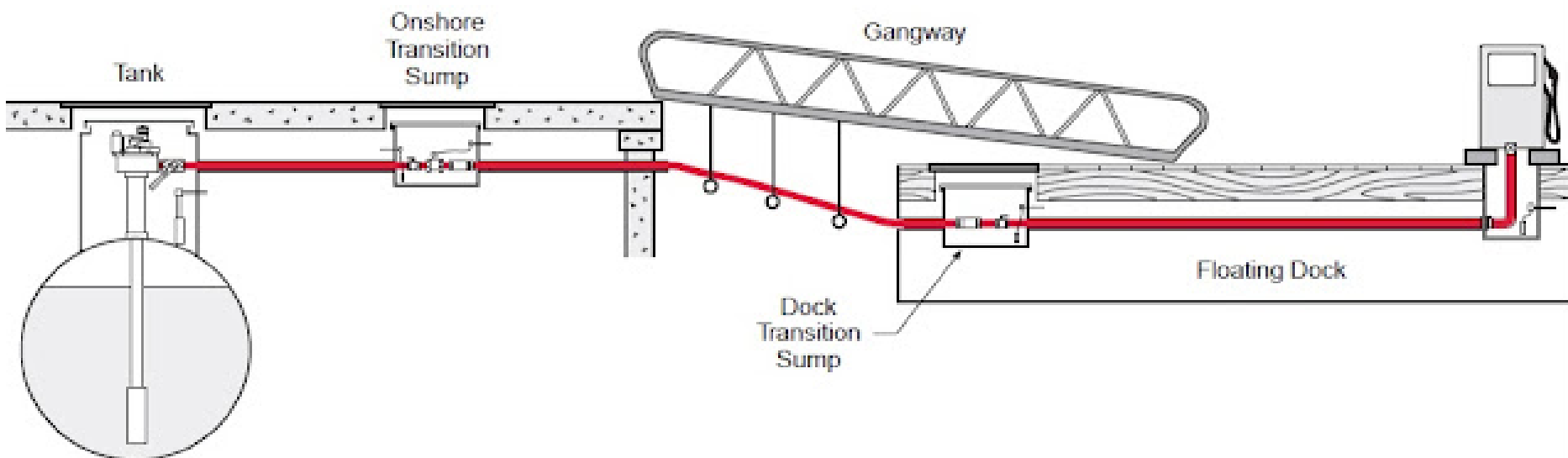




# Marina Underground Storage Tank

## REQUIREMENTS:

- Spill Containment
- Overfill Protection
- Tank Leak Detection (Double-walled)
- Line Leak Detectors
- Piping/Sump Components
- Double-walled piping underground and over water





# Marina Underground Storage Tank

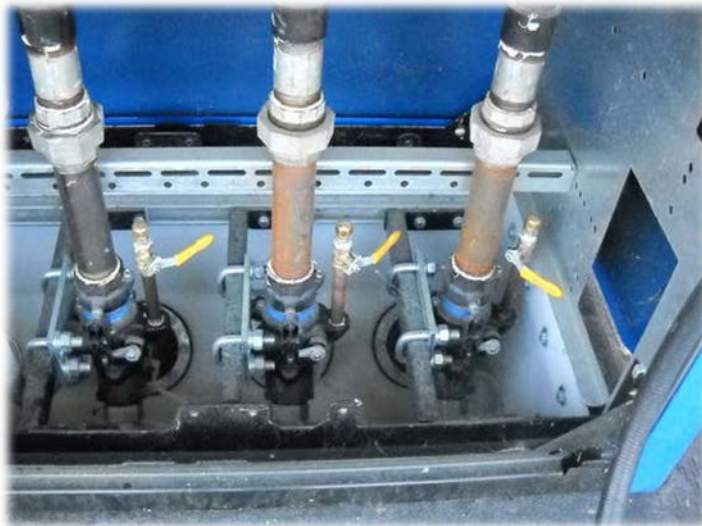
## Underground System Tank Sump







# Overwater Dispensers & Fuel Hoses



**Shear valves  
properly anchored**



# Correct Equipment Operation

**Operate storage tank equipment in accordance with the manufacturer's specifications.**



Perform required integrity tests at the time of a tank system's installation and periodically during its life span, as required.

- Line leak detector operability (annual)
- Leak detector operability (annual)



# Leak Detection

## **Perform routine release detection for storage tanks and integral piping.**

- Approved method or a combination of approved methods.
- Monthly visual inspections
- Record Retention
  - Inspection records (2 years)
  - Maintenance records (lifetime)



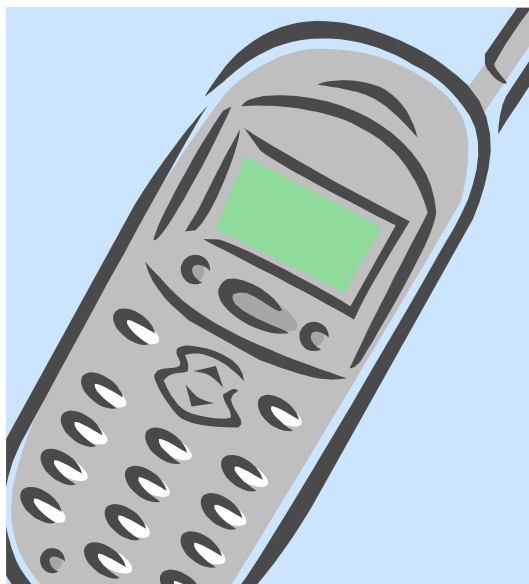




# Notification of a Tank Closure

## Contact your Local County Tanks Program (In writing or electronic format)

Between **30**  
and **45** days  
**prior to**  
**initiating the**  
**closure** of a  
storage tank  
system.



Between **48**  
and **72** hours  
**prior to**  
**initiating the**  
**work to**  
**confirm** the  
date and time of  
scheduled  
activities.



# Requirements for Tank Closure

- Florida has requirements for the closure of aboveground and underground tanks.
- An inspector must be present during at least part of the closure.
- The closure of an underground tank system requires the supervision of a certified Pollutant Storage System Contractor.

## Closure includes:

- Conducting a Closure Integrity Evaluation
- Removing all liquids/sludges
- Removing or capping piping
- Removing tanks or closing in place





# Report Incidents and Discharges

INCIDENT a condition or situation indicating that a discharge may have occurred from a storage tank system.

DISCHARGE includes any spilling, leaking, seeping, pouring ... or dumping any regulated substance which occurs and which affects lands and surface and ground water of the state.





# Responding to an Incident and a Discharge

- Notify your local program within 24 hours
  - Submit an Incident Notification Form (INF) to the local program within 24 hours of discovery
  - Complete the investigation within 2 weeks of the date of discovery
- Notify the State Watch Office at 800-320-0519
  - Spills into or involving state waterways (any amount)
  - Spills greater than 25 gallons (or potential > 25 gallons)



# Responding to a Discharge

- Take necessary steps to ensure that no more product is discharged.
- Immediately take action to contain, remove, and abate the discharge.
- Report the discharge to the local program using a Discharge Report Form.





# Fuel Storage & Fueling Management





# Tank Management Practices

- Keep marina staff informed about tank operation.
- Regularly inspect storage tanks for any unusual operating conditions.
- Keep secondary containment areas free of debris and rain water.
- Paint aboveground tanks a reflective color.
- Maintain fuel dispensers and keep fuel hose neat.
- A roof structure over an aboveground tank helps to reduce evaporation and loss of product.



# Fueling Management Practices

- Store spill equipment and oil absorbent pads at the fueling points.
- Provide a stable platform for fueling over water.
- Routinely inspect and repair fuel transfer equipment.
- Place drip trays lined with absorbent pads beneath fuel connections.
- Train fuel dock staff to handle and dispense fuel properly!



# Northwest District Storage Tank

*Any questions, just call or send us an email.*

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