



Florida Department of Environmental Protection

Industrial and Domestic Wastewater Permitting for Marinas and Boatyards

October 2017





Wastewater Program

- The DEP Northwest District Office permits industrial wastewater and domestic wastewater discharges to waters of the state (surface water and ground water)
- The Department of Health (DOH) county offices permit septic tanks and holding tanks for domestic wastewater





Industrial Wastewater Overview

The Industrial Wastewater (IW) Permitting Program:

- Defines IW as all other wastewater not otherwise defined as domestic wastewater [62-620.200, F.A.C.]
- Regulates discharges of IW to waters of the state (surface water and ground water)
- Includes permits for closed-loop recycle systems and IW treatment systems
- Allows IW permit exemptions for land application where appropriate



Generating Industrial Wastewater

- By adding chemicals (including oil and grease, nutrients, and detergents) or materials (including metals, paint chips, or organic matter growth) to water, IW is generated
- IW must be treated and disposed of properly





Industrial Wastewater Permitting

- An IW permit or exemption (land application only) is required to allow the discharge of IW to surface water or ground water
- IW may be containerized and hauled away for proper disposal without a permit
- IW may be sent to the sanitary sewer with approval from the utility system. Pretreatment may be required.



Potential Pollutants

- Oil and grease
- Paint chips
- Nitrogen and Phosphorus
- Total Suspended Solids
- Biological Oxygen Demanding substances, including growth on boat surfaces and fish carcasses
- Copper
- Lead
- Iron
- Zinc





Permits and Exemptions

- IW Permitting Forms can be found at <http://www.dep.state.fl.us/water/wastewater/iw/iw-forms.htm>
- Please contact the IW permitting program to determine the permitting requirements for your proposed operation
- Rules governing IW activities include 62-620, 62-302 (water quality standards), 62-520 (ground water standards), and 62-550 (drinking water standards). DEP rules can be found here: <http://www.dep.state.fl.us/water/rulesprog.htm#ww>



Domestic Wastewater Overview

The DEP Domestic Wastewater (DW) Permitting Program:

- Defines DW as wastewater derived principally from dwellings, business buildings, institutions, and the like, commonly referred to as sanitary wastewater or sewage
- Defines Collection/transmission systems as sewers, pipelines, conduits, pumping stations, force mains, and all other facilities used for collection and transmission of wastewater from individual service connections to facilities intended for the purpose of providing treatment prior to release to the environment

[62-604.200, F.A.C.]

- DOH permits septic tanks with drainfield for commercial establishments (limited to 5,000 gpd) and domestic use (limited to 10,000 gpd)



Domestic Wastewater Permitting

- DEP regulates and permits DW collection/transmission systems (sewer) to DEP permitted treatment facilities, either on-site or off-site
- DEP regulates and permits discharges of DW from treatment facilities





Sewer System Permitting

A construction permit for a collection/transmission system is required for:

- Construction of a non-gravity connection from other than a single family residence to an existing force main system
- A gravity collection system expansion
- Installation of a new pumpout system
- Expansion of an existing pumpout system
- Installing sewer connection to boat slips



DOH permits pump out holding tanks for septage haulers to dispose of at an off-site wastewater treatment plant



Sewer System Permits

A construction permit for an individual collection/transmission system is required for:

- Low pressure sewer system with grinder pump stations
- Vacuum sewers

Permit fees: 10 or more Equivalent Dwelling Units (EDU), \$500

Less than 10 EDUs, \$300

1 EDU is equal to 3.5 persons [62-604.600(7), F.A.C.]

A general collection system permit is available for:

- Conventional gravity sewers
- Conventional force main sewers

Permit fee: \$250

[62-604.600(6), F.A.C.]



Pumpout Systems

- For a new pumpout system, we generally require an individual collection system permit
- When a facility applies for Clean Vessel Act (CVA) funding, please supply sufficient details on the form to determine the collection/transmission system permit requirements
- The scope of work to be completed should discuss the pipe lengths, pump types, location, and configuration





Questions?





Contact Information

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