

**DEPARTMENT OF ENVIRONMENTAL QUALITY**

**DRINKING WATER AND RADIOLOGICAL PROTECTION DIVISION**

**MARINA FACILITIES**

(By authority conferred on the department of public health by section 7 of Act No. 146 of the Public Acts of 1919, as amended, sections 5 and 5a of Act No. 167 of the Public Acts of 1970 and section 427 of Act No. 380 of the Public Acts of 1965, being §§325.7, 323.335, 323.335a, and 16.527 of the Michigan Compiled Laws)

**R 325.2581 Definitions.**

Rule 1. (1) The terms defined in the act have the same meaning when used in these rules.

(2) "Act" means Act No. 167 of the Public Acts of 1970, being §§323.331 to 323.342 of the Michigan Compiled Laws.

(3) "Backflow preventer" means a device or other method to prevent a backflow of contaminants into a potable water supply system.

(4) "Department" means the department of public health or a city, county, or district health department authorized by the director to participate in administration of the act.

(5) "Director" means the director of public health.

(6) "Marina" means a public, private, or commercial facility used for mooring, serving, or otherwise handling watercraft capable of being equipped with a marine toilet, except as otherwise provided in the act.

(7) "Pump-out facility" means a device or method for removing sewage from a holding tank connected to a marine toilet or from a self-contained marine toilet on a pleasure or commercial watercraft.

(8) "Vacuum" means a pressure less than that exerted by the atmosphere.

History: 1979 AC.

**R 325.2583 Water supply systems.**

Rule 3. (1) A marina shall obtain water from a public water supply system when available and accessible for connection.

(2) A water supply system other than a public water supply system serving a marina shall comply with department rules entitled "Minimum Standards for the Location and Construction of Certain Water Supplies," being R 325.1451 to R 325.1461 of the Michigan Administrative Code and appearing on pages 3205 to 3210 of the 1964-65 Annual Supplements to the Code.

(3) The water supply shall be protected by properly designed and located backflow preventers including the installation of a vacuum breaker on the discharge side and near the last valve for each water outlet to which a hose can be connected.

History: 1979 AC.

**R 325.2584 Hose lines for water.**

Rule 4. (1) A hose used for potable water shall be blue or green or labeled and designated by use of a blue or green color code. The nozzle or outlet of the hose shall be protected from contamination.

(2) A hose used for placing water in a sewage holding tank for flushing purposes shall be separate from hose used for potable water and shall be red, yellow, or brown.

History: 1979 AC.

**R 325.2586 Litter containers.**

Rule 6. (1) A litter container shall be provided and conveniently located at each dockside service center, launching ramp, and special use location.

(2) A litter container, in addition to those furnished at a service center, launching ramp or other special use location shall be furnished in the ratio of 1 container for every 6 boat slips.

(3) A litter container shall be designed, constructed of material, and emptied at frequent enough intervals to prevent overflowing, foul odors, fly breeding, and attracting of rodents.

History: 1979 AC.

**R 325.2587 Toilet facilities.**

Rule 7. (1) A marina furnishing boat docking facilities for in excess of 10 transient customers shall provide minimum toilet facilities in accordance with the following table:

Number of Lavatories Boat Slips Showers	Number of Toilets		Urinals	Number of Number of	
	M	F		M	F
10-25	1	1	0	1	1
2					
26-50	2	2	0	2	2
2					
51-80	2	3	1	3	3
4					
81-125	2	4	2	4	4
4					
126-200	3	5	2	5	5
6					

201-250	3	6	3	6	6
8					
251-300	4	7	3	7	7
8					

(2) If showers are provided for each sex, the number in the preceding table shall be divided evenly between the sexes.

(3) A marina operator who has other facilities at the marina location, such as boat launching ramp or restaurant, shall provide additional toilet fixtures for his customers using such facilities.

History: 1979 AC.

**R 325.2588 Pump-out facilities.**

Rule 8. (1) A marina required to install a pump-out facility as specified in sections 5 and 5b of the act, shall provide a facility capable of lifting sewage not less than 12 feet under vacuum and delivering it to the receiving facility free from spillage and clogging. Equipment used in connection with the pump-out facility shall be designed to be serviced easily in case of clogging.

(2) A vacuum hose used in connection with a pump-out facility shall be pliable, collapse-proof, nonkinking, and equipped with a connection or insert device which will preclude leakage or spillage during the pump-out operation.

History: 1979 AC.

**R 325.2589 Receiving units for sewage.**

Rule 9. (1) Sewage removed from a watercraft holding tank shall be handled in 1 of the following ways and in the order of preference as listed:

(a) Discharged to a public or governmental sewer by means of a gravity line or a force main.

(b) Stored in an onshore or dockside holding tank, which is watertight and so positioned, or movable to such a site, that it can be serviced easily in a sanitary manner.

(c) Discharged to a wastewater treatment facility with final disposal on the land owned by or under the control of the marina operator. Plans for this treatment facility showing the method of final disposal shall be submitted to the department and approval obtained before construction is commenced.

(2) The discharge of sewage from 1 watercraft into another watercraft is prohibited unless the equipment and method of operation is approved by the department.

History: 1979 AC.

**R 325.2590 Letters of approval.**

Rule 10. When the department has determined that these rules have been complied with, a letter of approval shall be issued to the marina which shall expire on June 30 next following. If subsequent inspections reveal a violation of these rules and correction is not made within a specified time period, approval shall be withdrawn by the department. Any marina required to install a pump-out facility as specified in sections 5 or 5b of the act which does not have a valid letter of approval is in violation of section 12 of Act No. 146 of the Public Acts of 1919, as amended, being §325.12 of the Michigan Compiled Laws.

History: 1979 AC.

**R 325.2591 Variances.**

Rule 11. A variance from these rules may be granted by the director for a device or method the use of which, in the opinion of the director, accomplishes the intent of these rules. A variance granted by the director shall be obtained in writing before installation and use of the device or method.

History: 1979 AC.