



Vessel Wash Wastewater Treatment System Profile

Facility Information

Hobby Lobby Marine

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Toms River, NJ 08753

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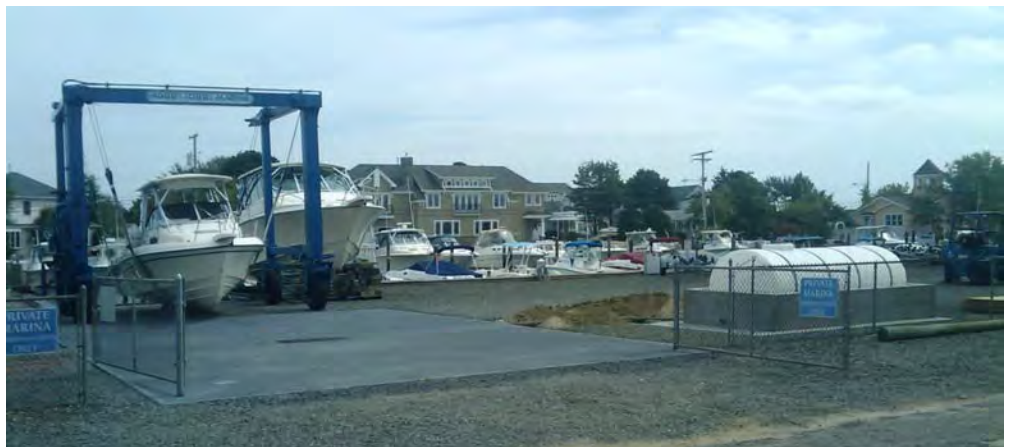
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Hobby Lobby Marine is a medium, full-service marina that prepares approximately 100 boats annually for winter storage. Boats stored for the winter range from 16' - 35' in length with an average length of 25'. The vessel wash wastewater system is used predominantly during September through November with some minor use in the spring. Approximately 90% of the hulls washed are painted with a soft ablative paint and the remaining 10% are typically painted with a hard paint.

Treatment System Information

Hobby Lobby Marine uses a vessel wash wastewater collection system designed by Le-Ed Concrete. A 40'x 25' concrete pad captures the wash wastewater; pretreatment to capture large solids begins with a small 3'x3'x2' sump structure in the center of the pad. Large solid debris can be easily removed with ease at the end of day or when necessary. A macerator pump is used to pump the water into a 1,700 gallon above ground holding tank. The tank is stored in a heated shed. Storm water is diverted from the sump with a rubber mat that covers the storm grate. The water is then properly disposed as needed by a waste hauler.



Continued on reverse

Pros and Cons of System

Low cost for installation, materials and maintenance. Also, the simple design eliminated the need to deal with freezing.

Estimated Cost

Approximately \$18,000 to install a concrete travel lift pad, sump, water pump, electric, plumbing and shed.

Maintenance (Labor, filters, etc.)

The tank will have to be emptied approximately 3-4 times per year at an estimated disposal cost of \$3000.00.



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