

POLLUTION PREVENTION

IN RHODE ISLAND

Case studies of the Rhode Island On-Site Technical Assistance Program

Marina Pump-out

Marina installs pump-out system and provides access for both tenant boaters and the boating public. State monetary assistance helps plan go forward.

Industry \ Contact

SIC Code: 4493 Marina, Rhode Island

Contact: RI Port Authority Marine Trade Pollution Prevention Research Project- Client #9

Technology Description

The Company is a full service marina with 254 slips and 30 moorings available. The facility has been in operation for 14 years and employs nine full-time employees and seven part time employees.

Initially, no pump-out stations for boater sewage wastes were available in the client's region of Narragansett Bay.

Currently the marina operates one sewage pump-out station at its facility. This station is available to marina tenants for \$30 per season and anyone in the boating public for \$5 per pump out. About 250 customers utilize the pump out station per season.

Costs

The pump-out station and associated equipment (holding tanks, docks, pilings) cost a total of \$29,000. Financial assistance via the Clean Vessel Act contributed \$20,000 of this cost.

Operation \ Maintenance

Regular customers are trained to use the pump out station such that no supervision by marine personnel is required. Maintenance and supervision of unqualified customers consume about 50 marina man-hours per season. Maintenance costs are about \$250 per season.

Impact

The existence of sewage disposal services have given boaters in the region surrounding the Company's facility an added incentive to properly dispose of shipboard wastes. Use of the pump out station by non-tenant boaters may serve to spread the reputation of the marina as an up-to-date full-service facility.