



**CVAP
(Clean Vessel Assistance Program)**

www.efc.ny.gov/CVAP

TECHNICAL GUIDELINES

Pumpout and Dump Stations should:

- Provide an efficient means of removing sewage from boats and a means of disposing of that sewage in a safe and sanitary manner.
- Include all the equipment, structures and disposal facilities necessary to ultimately discharge or dispose of boat sewage in an efficient, safe and sanitary manner without causing an actual or potential health hazard.
- Include equipment for rinsing boat holding tanks.
- Be operated and maintained to provide adequate service and be maintained to function as intended.
- Be reliable, corrosion resistant, easy to use, neat and tidy to clean and use, low maintenance.
- Be conveniently located for ease of use to boaters and to encourage boaters to use the facility.

All pumps should be:

- Specifically designed for handling sewage.
- Safe, functional and efficient.
- Able to pump against the maximum head developed by elevation changes and line losses.
- Able to transport flows out of the holding tank.
- Properly sized. Pumps exceeding 45 gallons per minute may cause tanks to collapse.
- Designed with suction connection to the boat which shall be a tight fit and adjustable by adapters to service boat discharge connections.

Holding Tanks:

- Capacity should be determined based on several factors, including boat size and use patterns.
- Should be sized on a case-by-case basis.
- Should be designed and installed to meet local regulations.