



PUMP OUT BOAT ACTIVITY REPORT 2021

December 6, 2021

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Program Summary:

The 2021 Pump Out season began on/around May 8, 2021 with preparations of the vessels. Pump-Out operations began on May 22, 2021 in both Three Mile Harbor and Montauk. The season ran until October 31, 2021 when the vessels stopped operations. The vessels were then serviced and winterized for storage.

In total, the Pump-Out operations serviced approximately 2,748 vessels between Three Mile Harbor and Montauk. There were approximately 143,996 combined total gallons of effluent pumped from vessels between both locations.

The total cost of the entire 2021 program was \$310,805.32. The operating expenses, minus the cost of the two new vessels, totaled \$93,663.92.

The Trustees purchased two new vessels in 2021 from Marine Boat Builders in Warwick, RI for \$108,570.70 each, totaling \$217,141.40. These boats were purchased using funds granted by both the East Hampton Town Community Preservation Fund (CPF) through the Water Quality Technical Advisory Committee and the New York State Environmental Facilities Corporations Clean Vessel Assistance Program (CVAP).

The Trustees received a total of \$203,141.40 in Funding for 2021 to be used for the purchase of the two vessels. The following grant funds were received:

1. **East Hampton Town Community Preservation Funds (CPF) – through Water Quality Technical Advisory Committee (WQTAC):** \$48,570.70 for Purchase of first new vessel.
2. **East Hampton Town CPF– WQTAC:** \$34,570.70 for the purchase of a second new vessel.
3. **New York State CVAP** – Two \$60,000 grants (one for each boat) totaling \$120,000 for Capital Expenditures. These were received as reimbursement funds.

The 2003 Montauk pump-out boat was sold to the boat builder for \$14,000.70. The Trustees applied the money from this sale towards the purchase of the second vessel. Therefore, the total



funds requested for the second grant awarded through the East Hampton Town CPF fund was for \$34,570.70, instead of \$48,570.70.

This season, the Trustees voted to increase the hourly pay rate for all of the pump-out boat operators from \$20 per hour to \$25 per hour in the middle of the season. The total expenditure for the operators gross pay for the season was \$60,416.67.

Operational Challenges:

The challenges faced for the 2021 season included:

1. The gallons which needed to be collected each week in Montauk exceeded the capacity of the holding tank at times. There were several instances during which the Parks Department had to be called for maintenance of the tank.
2. Records of gallons pumped and the number of vessels serviced must be kept and provided to the Trustee office at the end of each season. This season's records were not as complete as they could have been. The boat operating in Three Mile Harbor does not have a gauge on its holding tank and operators must estimate the number of gallons being pumped. In the past, seasoned operators have become familiar with all of the vessels serviced. In knowing the capacity of the vessel's holding tank on board, the operator would know approximately how many gallons were pumped out of each vessel. However, there were two new operators hired this season. Additionally, the town as a whole saw an increase in dockage prices. This appeared to force many vessels which have seasonally docked in the past, to find other accommodations. This shift brought in new vessels which the operators may not have been as familiar with. Therefore, the logs for the total gallons pumped out of vessels in Three Mile Harbor are an estimation based off of 2020's average gallons pumped out per day. In the future, a gauge or other mechanism could be installed/used to determine approximate gallons pumped. The Board could work with the operators to develop an efficient system of record keeping which will be accessible to each of them during their shifts. There may be digital devices which could be purchased to help the operators more easily and efficiently track gallons pumped each shift.

Potential Future Strategies:

1. East Hampton Town is in the process of upgrading and expanding the holding tank in Montauk. This will include a larger tank and gauge system with the appropriate floats to alert operators of the tank's volume.



2. Consider utilizing a digital record keeping system for the program. Each vessel could have one on board and be used by the operators to track the number of vessels serviced and the total gallons pumped during daily service. This could also be accomplished by having the operators send an email to the Trustee office with the daily numbers at the end of their shifts. The office staff could keep and maintain the records digitally in the office.

3. Ensure each operator receives a review of the daily requirements before the start of the season. Update the daily procedures binder in the Trustee Office and provide each operator with a copy of the manual before the season. Each operator could be required to sign off that they understand and have read the materials.

4. Each operator is and will be required to attend a safety training with Chief Harbor Master at the beginning of the season. This time may also be utilized to ensure each operator familiarizes themselves with the aforementioned daily responsibilities and record keeping requirements.

Operation & Expenses Summary

Three Mile Harbor Boat:

Gallons Pumped Out:	41,855 gallons
Number of Boats Serviced:	1,002 Boats
Season Start Date (preparing boats):	May 8, 2021
Start of pump-out operations:	May 22, 2021
Final Day of Pumping operations:	October 31, 2021

Three Mile Harbor Boat Expenses:

Fuel and Supplies:	\$1,501.36
Maintenance/Repairs:	\$3,960.76
Insurance:	\$3,511.00
Supplemental Insurance:	\$1,975.00
Captain's Salary: Briggs Enck	\$5,060.00
Captain's Salary: Robert J. Fallon	\$15,000.00
Captain's Salary: Savannah Van der Walt	\$7,464.66
Total Three Mile Harbor expenses:	\$38,472.78



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Montauk Boat:

Gallons Pumped Out:	102,141
Number Boats serviced:	1,746
Robert Kold	41,343 gallons
Jeff Nichols	46,000 gallons
Savannah Van Der Walt	29,613 gallons
Season Start Date (preparing boats):	May 15, 2021
Start of pump out operations:	May 22, 2021
Final Day of Pumping operations:	October 31, 2021

Montauk Boat Expenses:

Purchase of New Boat*:	\$108,570.70*
Fuel and Supplies:	\$3,218.52
Maintenance/Repairs:	\$4,741.62
Insurance:	\$5,550.00
Supplemental Insurance:	\$1,975.00
Insurance Payout for Boat Damage:	\$1,500.00
Captain's Salary: Robert Kold	\$12,400.00
Captain's Salary: Jeff Nicholls	\$8,840.00
Captain's Salary: Savannah Van der Walt	\$11,470.00
Total Montauk Expenses:	\$158,265.84

Additional Expenses:

New Pump:	\$4,469.00
Hoses for stock supply:	\$1027.00
Purchase of Second New Vessel:	\$108,570.70

Total Maintenance & Supplies: \$15,931.70

Total Program Expenses for 2021: \$310,805.32*

Total program expenses minus boat purchases: \$93,663.92

*A down payment of \$54,285.35 was paid toward the first new vessel in 2020. This cost was kept in the data as it was an essential part of the total operations for 2021.