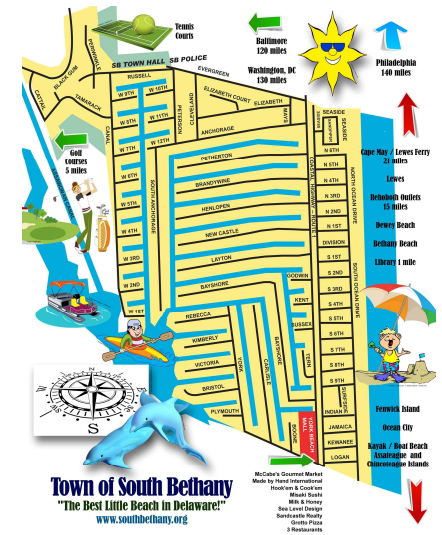




South Bethany Canal Water Quality Committee (CWQC)

Town Council Discussion: Back-up Plan for Spring Algae Removal

December 9, 2022



Five (5) Options Evaluated

Today we present combined A & D as the plan for Spring '23

- A. Continue to rely upon DNREC
- B. Buy Equipment and hire staff
- C. Buy Equipment and contract staff
- D. Contract for Algae removal services (as back-up)
- E. Option A staying with DNREC, but with ability to use their equipment if available (*DNREC researching this as a feasible option or not*)

Option D Back-up Plan - Summary

1. Contract with Solitude @ weekly rate of \$19,996, comprised of:
 - i. Mobilization cost of \$4,996;
 - ii. Day rate for operator and equipment for 8 hours of \$3,000;
 - iii. Minimum deployment is 5 days; and,
 - iv. 50% fully refundable deposit due at contract execution
2. We have 2 separate weeks preliminarily set up for: April 17 – 21 and May 15 – 19, 2023
3. Likely need some additional budget for temporary DPW staff of 1 to 2 personnel for these two weeks plus training period to perform the loading and transfer to disposal site; approach and \$ TBD
4. We will have some nominal insurance coverage costs as well

Next Steps Upon Approval

1. Finalize contract with Solitude as our back-up plan, including 50% fully refundable deposit at time of execution
2. Reconfirm agreement with DNREC to perform Algae Harvesting
3. Secure necessary final written approvals from DNREC for disposal by Town of South Bethany of Algae spoils at the Fresh Pond Trailhead
4. Finalize plan, secure and train temporary resource(s) by March 24, 2023 to perform the loading and transfer of Algae to dumping site
5. Finalize logistics and approvals for launching equipment and off-loading / loading the Algae spoils by March 24, 2023
6. Finalize any additional insurance or other coverage matters for the operations and personnel no later than date of training