

# Dredging Strategy

## 2021-2022

- 1) The Parks, Recreation, and Lake Department dredge plan for 2021-2022 is based on current depths and sediment movement. The first step to getting the dredging priorities into manageable tasks is to start dredging after Labor Day in the main channel and river area, as in years past. The main channel is very shallow and boats hit bottom in some areas near the opening of the Town Marina and River. Next, we will work with the scheduled lake lowering in November to maximize the dredging activities by switching to excavation dredging. Lastly, we will return to hydraulic dredging in the river and main channel to complete the dredge season.
- 2) (Phase I)
  - Hydraulic dredging
    - i. September 2021– October 2021  
Hydraulic dredge the river and main channel area.
- 3) (Phase II)
  - Excavate dredge
    - i. December 2021 – March 2022  
While the lake is drawn down for maintenance, dredging will switch from hydraulic over to excavation. If the scheduled drawdown is deemed to be a shorter period of time, we will adjust dredging methods back to hydraulic and continue through March 2022.
- 4) Dredging is costly, regardless of the method, and there are advantages and disadvantages for both methods. Despite the higher cost, hydraulic dredging provides a greater amount of flexibility over the long-run, making it the preferred method. Without funding, it is impossible for the Town to dredge in any capacity.
  - Current funding:
    - i. The Town has budgeted \$850,000 for the fiscal year 21-22
    - ii. Parks Recreation and Lake Department submitted an application for a dredge grant and was awarded \$637,500 with a town match of \$212,500 in dredging funds. This makes \$937,500 in total dredge grants that we have been awarded, and we continue to apply each year.
    - iii. The town currently has \$64,265 in our silt reserve fund.