

2018 Erosion Control Committee Report

In 2018 the committee performed ongoing inspections of the MPUOA shoreline, reviewed reports from VIMS and SEAS, and concluded that there are 6 areas of active erosion problems:

1. Undercut banks at the south end adjacent to the kayak launch
2. Upper bank erosion adjacent to the dock ramp
3. Upper bank erosion parallel to the north end of the dock
4. Undercutting of 75-100 ft. of the water line behind buildings 1 and 2
5. Undercut banks at the north point of our shoreline
6. Minor erosion caused by rain runoff behind building 1.

Problems 1 and 5 do not pose an immediate threat and will continue to be monitored

Problems 2 and 3 will be monitored closely. Short of re-grading the bank, there is little else that can be done other than what already has been done. Collapse of these areas is more likely to be gradual and in stages rather than catastrophic. The cost of re-grading these areas and replanting with love grass was estimated by Earth Resources to be \$30,000 in late 2017 and may involve loss of portions of our parking footprint.

Problem 4 poses no immediate threat unless it rapidly progresses, but will also require careful monitoring. The cause of this erosion is kinetic action of water along the NE fetch of Wilton Creek. The cost of rip-rapping this area was estimated by Earth Resources to be \$200/ft. in late 2017.

Your committee recommends that MPUOA establish a \$20,000 shoreline preservation reserve fund, segregated from general reserves and funded over the next 5 years by whatever rate is feasible.

Experience has taught us that we have needed to respond to shoreline erosion issues every 3-5 years since the beginning of this Association.

Presented Respectfully,

2018 Erosion Control Committee

George Burke, Margie Goettle, Ron McCoy, Laurie King, Louis Schiavo, Scott Ruff, Maurice Lyerly