

Summary of Issues to Monitor

IV. B. 1. A proactive action of adding rip-rap and sod at the ESE corner of the weir was recommended to prevent further erosion. Rip-rap was installed. **Periodic monitoring of the weir at Pond 5 is recommended.**

IV. B. 3. **Periodic monitoring of pond depths and banks** could be used to detect any negative trend. This would entail the **establishment of a baseline** for our pond depths and a recheck of that data on a 2 or 3 year interval to detect any negative trend. Moreover, the PWG recommends **installation of stakes to facilitate measurement of changes in the pond banks** should be undertaken based on information provided by Pete Nabor of Eco-logics.

IV. B. 4. Settling of soil at repair site at 4162 Cascade **continual monitoring is recommended.** In February 2019 the distance between the top of the drain box and the sod was determined to be 1.5 inches. **The distance should be measured at regular intervals.**

IV. B. 3. 4. The **South bank of Pond 11 should be measured/monitored** to determine if any significant erosion is occurring.

IV. B. 7. It was recommended that carefully chosen noninvasive aquatic plants be planted at 5 sites. Rebar stakes were to be installed as markers to measure erosion over time and the effect that the plants may have on this. Eco-logics installed plants at 3 sites on Ponds 3, 11, and 12. However, the pond contractor mistakenly applied herbicide to the latter two sites. It is recommended **that this test be fully implemented, that rebar stakes be installed, and 5 sites be tested.** Additionally, it may be worthwhile to expand the successful site of Lake 3 that is at the end of a long fetch.