

gregory pagel

I grew up and now live overlooking Vancouver Lake, so I have been able to see the changes the lake has endured over the last 50 years. As a registered Civil Engineer, with a hydraulics and construction background, the degradation of the lake and any improvement projects to the lake are of special interest to me. Growing up, the lake provided a close natural resource. We sailed, rowed, hunted, fished and even water skied (yes we did after the lake was dredged) on the lake. The dredging project back in 1980 helped maintain the lake (I was able to take a field trip of Riedels dredging barge), but deepened only parts of the lake and attempted to create a flushing channel. The dredging project (Phase 2) needs to be re-visited for the lake to be maintained for useable recreation and wildlife. Especially during the late summer, the lake is very polluted with health risks and the algae takes over the lake, threatening wildlife and unsafe for humans. Vancouver has degraded to the critical point of where the lake needs to be dredged and the flushing canal improved. This is basic hydraulics. The algae and water quality entering the lake also needs to be addressed. Vancouver lake is watershed, with huge potential located in a urban setting, which needs improvements and support by the Department of Ecology.