

Table of 2022 Water Quality Committee update of proposed projects. 2/14/2022

Topic	Current Actions	Measure *= proposed	Current status :end2021	Planned actions (Year to do)
Habitat Protection / rehab Action	No motor, slow no wake Sensitive area designations Sensitive area brochure. Ridges property large protected area. Welcome to Clark Lake brochure Signage west side ramp; updated 2021 Trees at low cost spring 2021 Buffer buddies: assist plans, materials, site evaluation, share native plants. Rip rap brochure	Water clarity (Secchi disc) Bulrush Density (due 2022) Bulrush all lake map (due 2023) Acres in protected status(2022) Undeveloped lots and total acres in addition to new buildings or expansions. Number of bulrush transplant sites* Number buffer zone improvement sites. Healthy Lakes grants/ Buffer buddie sites*	Good water clarity. Oligotrophic. Bulrush density: decreased when development without natural shoreline(2019) All lake bulrush: decreased density, area and health.(2018) Undeveloped acres new houses. Buffer survey (2020) 60% without buffer. 7 Buffer buddies with plans. Native from seed trial began 2021 Sensitive sites not actively monitored by DNR. Reports of scoured shallows, speedboats in shallows. Tree sale April over 50 cedar trees @\$5 Ash trees mostly dying.	Bulrush all lake analysis and action plan. Member e-mails, Facebook and ramp volunteers.2022 Add 2 bulrush transplant sites.2022 Trees : cedar @\$6.50 2022 Native from seed trial (began 2021) Explore watershed conservancy zone with Ridges,etc.2022 Add permanent signage and information link at demo site.2022 Also posts and rope to protect plants.2022 Evaluate and added plants; thin other areas at demo site.2022 Demo site divide and share thick growth. New plants for thin areas. Decide on bulrush replacement if do not find this year.2022 Native plant projects (Buffer Buddies) recruit 6 more.2022 Shared native plants: demo site, members. Native plants: shared postage, transport costs. Native plant member nursery sites.
Habitat protection / rehab education	Buoys Map with water depth and buoys Slow no wake map. Frames for maps. Welcome to Clark Lake Brochure Directory insert of Boating recommendations All lake Bulrush map Bulrush fact sheet Shoreline stewardship/ Natural shore WQVC website Sensitive area brochure. Demo site native plants and soft engineering (2020) Best Practices Good Neighbor on website. 2021 brochures and meeting Land Trust for conservancy and donation. 2021 local inventory of existing natives lake safety and environmental message on ramp donationreceipt.	General impression; Proposed near shore/ shallow survey.*	Demonstration site native plants and soft engineering (2020) needs permanent signage . Demo site: some plant crowding and other areas poor growth. Transplant bulrush at demo site lost. Demo site plants trampled and debris. Photo contest Calendar includes WQVC tips distributed. DCIST site visits for plant inventory (6) CLAA WQVC site updated except for natural Shores section. WQVC group e-mail initiated.	Near shore use survey (2022) Review and update CLAA and WQVC website. 2022 2022 letter to Sensitive shore owners with brochure. Clark Lake plant inventory(began 2021) DCIST site visits for inventory and teaching.(began 2021)
Habitat Fish Action	Walleye reef (2) Fishsticks (10) Panfish daily limit reduced to 10 (2020)	As above plus: Number of Fishsticks. Fish survey: member report, DNR(2019)	Fishsticks: none scheduled 2022 Impression: Report more small fish and minnows. DNR report due 2020 still not available..	Find 2019 fish report and recommendations.

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Habitat Fish Education	Panfish limit added to permanent ramp signs (2020)		WQVC website: bulrush,natural shore,stewardship,woody debris	
Water Quality Lake action and education	Septic system upgrades per county. Yard waste disposal site. Website well water testing. Septic threat when flooding fact sheet. Annual all member reminder to test well; create watershed specific maps from ERIC data.	Citizen Monitoring. E.coli at Beach. UW-O & UW-SP well test results. DC GIS map survey impermeable surfaces.	Good clarity; oligotrophic; No beach warnings 2021.Site changed and new link added. No impermeable surface risk lots identified on county maps. Overgrowth of macroaquaphytes at mouth and Logan creek 2021 eval Logan Creek plant and nutrients; no new threats found.	Natural shore line demonstration and education(2022); Reduce run off fact sheet;(2019) Tree fact sheet. Water retention landscaping demo. (2022).
Water Quality / land use Watershed	Environmental monitor appointed 2017. Board step response and action plan. Periodic review DC Soil & Waters map. 2021 County Land/Water resource plan.	County reports; news; WAV data from Logan Creek. ERIC Clark Lake water shed maps.	Some large farm development; shift from grazing to cropland, more development. Lawn care providers marketing in area. Increased rip rap. Well testing comparable to rest of county. UWSP and ERIC nitrate and coliform watershed maps created. New liaison with Ridges, DCIST. 2021 Logan Creek N and P unchanged from historical.	Review undeveloped lots in watershed and explore conservancy zone with sponsor eg. Ridges 2022 Well test project with UW-O 2022: publicity and volunteers with other organizations in watershed.
Invasive	Phragmites volunteer and permit . Town ordinances Fish screens at dam Representative on state and county invasive control board. Ramp volunteers. Citizen Aquatic Invasive Species monitor (2018) Signage west side ramp. Added angler and kayak brochures to AIS. County temp AIS workers DCIST: purple loosestrife, thistles	Acres/ sites phragmites listed on permits/ maps Number of different invasive listed in reports citizen monitor. Monitor fish screen compliance dates new screens.	Phragmites density reduced all areas,T=1.85 A; native plants found in NE.; Purple loosestrife rare one site Rx 2021.; Thistles. Starry Stonewort threat; Round gobies in creek. No ramp volunteers with Covid 2021. County 1 day LTE ramp. County store and provide phragmites chemical and temps assist treatment 2 days. DCIST inventory and begin treatment thistles, loosestrife. Jumping worms identified.2021 Eurasian Milfoil contained with native and hybrids.2021 Curly leaf pondweed 2006; not seen 2021.	Continue phragmites control; new permit requirements coming 2023. Need to explore costs and process. Continue to recruit ramp volunteer. Jumping worms education(2022)
Water level variation	Monitor fish screen adherence . Dam permit and DNR expectations on website. Board member monitor Sevastopol minutes.	No routine gage readings since 2020.episodes of flooding, shoreline damage, ice shoves*,	Nomogram for ramp to determine lake level. No routine readings but mostly high in summer. Lack of variation may affect near shore habitat. No regular presence at Sevastopol board and Park/rec meetings. Hearsay of more rip rap installations. No response to shore damage query.	Dam history on website.2022 Member report shore damage. Spot check nomogram.

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Ramp donation box	maintain receipts, collection box, signs, collection/deposits. Ecologic tips on receipts.	Estimate of day boat traffic	Donation box repaired; new receipt box; mounted all on 2X4 for ease of removal. Self printed envelopes and receipts. (700+); 5 yr average expense \$50.00 Printer needed repair. Box depth shallow and envelopes sometimes get stuck. 2100 est. boats.	Review estimate of number of boat calculation method.(current # envelopes used/3) Explore different receipt since wear and tear on printer and size of envelopes tight in box.(2022) New donation box if continue with same size envelopes. New receipt box if go with smaller.(2022)