

LBWID Planning Meeting FY-21-01
(8/13/20)
Approved

Attendees (via Zoom): Alan Pisarski, Jerry Mendenhall, George McLennan & Davis Grant

LBWID Financial update

FY-2020 year-end review (unaudited) – No unanticipated variances. We finished the year within budget.

FY-2020 audit status – Kelva has started assembling the audit package for submission to Linda McIntire in September or August.

FY-2021 update – No numbers yet available for the new fiscal year

New Access Road - Attorney John McBride has mailed two letters to Jeffrey Mintz (Executor of George Banks Estate). The first went out on July 17 and the second on August 6. There has been no response to either. Davis will discuss options with McBride regarding next steps, including contacting Mintz through his business address.

Dredge spoil disposal at Fairfax County landfill

Per John Kellas (Deputy Director, Fairfax County Public Works) the County cannot reduce the \$200 per load tipping fee. Davis will continue to discuss this issue with County staff and officials to see if other arrangements can be made.

Davis is also still working with G.D.C. Trucking to locate other disposal options.

We are preparing to empty the decanting basins sometime next month (September).

Historical dam data reporting software upgrade - Applied Controls Engineering (Dave Erby) has completed the installation and configuration of the Dream Report data reporting software platform. Erby will provide training for LBWID staff on how to use the software the week of August 17th. The training will be done virtually.

Dam's alarm system and lake level sensor issues - The LBWID staff installed the new lake level sensor (sensor #1) on July 24th and it has been tracking very well. Cost of new sensor was \$1,200.

Proposed internal alarm notification system/software for the dam's PLC/HMI control system

In recent years, we have experienced some inconsistency with the Stanley system which was mostly related to human error from the operators at Stanley's central station because they occasionally misinterpret error messages from the dam's control system

Davis suggested an additional alert system be installed to provide needed redundancy in the form of text alerts related to electronic and hydraulic control system performance issues sent directly to the LBWID staff.

Davis also asked Applied Controls Engineering to submit a proposal for installing such an internal alarm notification system/software for the PLC/HMI. We should have it by the end of the month.

Snakehead Fish

Earlier this month a fisherman caught a Snakehead fish in Lake. These fish are an invasive species that are not native to the United States and have in recent years been found in the Potomac River. While fisheries experts are learning that Snakeheads do not have the level of impact on the Potomac River fisheries as once feared, LBWID staff has reached out the Virginia Department of Game and Inland Fisheries for guidance on measures to control their spread.

Davis will outline a newsletter article describing the potential problem and possible mitigation measures.

2020 Bathymetry Survey - Princeton Hydro performed the 2020 bathymetry survey on August 5th and 6th. We should receive the updated bathymetry maps by the end of the month.

LBWID/LBA Drainage and Erosion Committee

The committee will hold its first meeting on August 14th to discuss a plan and approach to mitigation drainage and erosion issues on the LB common grounds. This is the first step to identifying and prioritizing stormwater erosion problems on community property.

The committee will make periodic reports of its findings and recommendations to the LBWID Board of Trustees and the LBA Board of Directors.

Elements of 2021 Dam 6-Year Recertification Inspection

Update emergency response plan

Update inundation maps

Organize a tabletop exercise with Alexandria and County emergency response teams

Schedule the physical inspection of the dam and control systems

Update the O&M manual

LBWID Staff Succession Plan – Davis will formalize a plan for succession of key staff members and establish training milestones.

Lake Barcroft Tree Survey – Alan will determine status of the County’s plan for a county-wide tree count.

Trustee Actions, newsletter articles –

Relocating the WID Compound Access Road– Timing still uncertain.

Emergency Response Tabletop Exercise - This is a joint exercise with members of the emergency response teams from the City of Alexandria and Fairfax County. We are required by the state to perform this drill every 6 years.

Recertification of the Dam - This is required every 6 years and includes a very thorough inspection and modeling of downstream flooding under a variety of dam failure scenarios.

Lake Bathymetric Survey - Every two years we do a depth survey of the Lake which is used to plan our dredging program. The results tell us where to dredge, how deep and how much silt we will recover.

The Snakeheads are Coming - Snakehead fish are an invasive species not native to the US, which have invaded several bodies of water around the country, including the Potomac. One has been found in the Lake. This article will cover the extent of the problem and what WID will be doing to control it.

Community Wide Tree Survey - This is on the fringes of our thinking at the moment.