

**LBWID Planning Meeting FY-21-02**  
**(09/08/2020)**  
**Approved**

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

**LBWID Financial update** – The August financial report was not ready.

**New Access Road** – Attorney John McBride is determining the impact that new Virginia Uniform Partition of Heirs Property Act may have on the acquisition of a portion of the Marshall Lane property. Further discussion is on hold until we hear from McBride.

**Dredge spoil disposal** - GDC Trucking is scheduled to start hauling the dried dredge spoils from the Beach 3 and Beach 5 decanting basin on September 9<sup>th</sup>.

The combined trucking and tipping fee of \$285 per load is an 11.7% increase over last year. Most of the cost is for the 30-mile round trip to Quantico Marine Base where the spoils will be used for landscape contouring.

At an estimated 300 - 350 loads to be disposed, the total cost will be \$85K - \$100K.

Our dredge spoil disposal budget for the year is \$115K.

**Fall dredging season** – The fall dredging season will begin no later than October 1<sup>st</sup> and focus on the Holmes Run side of the lake, specifically on the area upstream of Swift Island along the Waterway Drive.

**Historical dam data reporting software upgrade.**

Tim Cogswell and Davis Grant have completed training on the new dam data reporting software, which proves to be much more capable and efficient than the previous software. It has already been used to provide rainfall data to Fairfax County.

Tim or Davis can train the trustees in its use whenever it is convenient.

**Proposed internal alarm notification system/software for the dam's PLC/HMI control system** – We are expecting a proposal from Applied Controls Engineering within the next week for completing this upgrade.

**2020 Bathymetry Survey** – Princeton Hydro completed the 2020 bathymetry survey on August 5<sup>th</sup> and 6<sup>th</sup>. We should be receiving the updated bathymetry maps within the next few days.

### **Snakehead Fish**

Davis has assembled a working group of resident fishermen to assist with determining the appropriate course of action for dealing with Snakehead fish in Lake. This Lake Barcroft Fisheries Working Group will meet every two weeks and consist of the following members: Bill Lecos (leading the group), Peter Cressy, Tim Hardy, Jeff Vorce, Brandon Mooney, Andrew Casolini, Davis Grant

The group is also planning to evaluate the overall health of the Lake Barcroft fishery and may recommend stocking another large sport fish.

The group will also be preparing an article about Snakehead fish for the October LB Newsletter.

The group will address the problem of outside fishing boats being brought into the Lake.

**Dam Hydraulic Line bracket upgrade/replacement** – During a recent inspection of the dry side of the dam staff notice that some of the brackets and bushings that secure the hydraulic piping are starting to deteriorate. The staff will fabricate and install replacement stainless-steel parts by the end of the month.

### **2021 Dam 6-Year Recertification Inspection**

Davis Grant and Tim Cogswell are working with the City of Alexandria and Fairfax County to schedule a date for the Tabletop Exercise, aiming for March or April of 2021.

GKY & Associates is working on updating the dam break analysis and inundation mapping to meet DCR Dam Safety newest requirements and has started updating the existing model.

WR&A will soon start working on updating the Operation and Maintenance Manual for the dam.

WR&A will perform the actual on-site inspection in May of June of 2021.

All submissions to DCR Dam Safety are due in November of 2021.

**Lake Barcroft Tree Survey** – Alan is tracking the County Urban Forest Management Division effort for a County-wide tree survey and will follow up as appropriate with the Director.

### **LBWID Trustee Action Items**

George and Davis will prepare a newsletter article on recertification of the dam for the October newsletter (due September 15).

Alan will draft an article covering the Lake bathymetry survey for November (due October 15).

Future newsletter article topics include Relocation of LBWID Access Road, EAP Tabletop Exercise, LB Tree/Forest Survey