

**LBWID Planning Meeting FY-21-05**  
**(11/25/2020)**  
**Approved**

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

**Covid-19 Pandemic-** Now that we are starting into LBWID's slow season there is greater flexibility for minimizing exposure risk to the staff, including, giving Christmas week off, encouraging using vacation time, working every other day, giving one paid day off every other week.

**LBWID Financial update**

FY-2021 update – no unanticipated variances

Reviewed draft of the FY-2022 budget. Will review again in January after final update of FY2020 spending projections.

Simplified reporting and accounting review – Davis, Jennifer, and Jerry are continuing to simplify expense tracking

**New Access Road**

John Mc Bride has scheduled a meeting with Marshall family representative Reginald Mintz for December 1 at 1:00pm at the property. Alan and Davis will attend.

Reginald Mintz has provided John McBride with a basic townhouse plan (8 units) to support his claim that the value of the property is \$1.1 million or more.

John plans to use the meeting to explain to Mr. Mintz the difficulty (or improbability) of rezoning the property for 8 units as well as the restriction against paying more than its appraised value.

**Fall dredging season -** The fall dredging was completed on November 5<sup>th</sup>. 175 barge loads were dredged on the Holmes Run side of the Lake. Staff also responded to several resident requests to dredge around seawalls and docks.

**LBWID/LBA Common Ground Drainage/Erosion Committee**

Land Design Consultants (LDC) has completed the field survey at Beach 2 and is now processing the survey data and generating the site/contour maps. Once the site/contour maps are complete they will start determining the best way to correct the access road and the erosion issues.

The contour maps should be completed in 2 to 3 weeks with the report following in another 2 to 3 weeks.

The Trustees approved the expenditure of \$14,500 for the engineering.

### **Lake Barcroft Fisheries group**

LBWID, with the participation of the fisheries group, conducted a demonstration of the LBWID's electrofishing equipment on November 1<sup>st</sup>. A more comprehensive survey is planned for spring 2021 to determine the variety of species and assess visual health. The spring survey will help determine if the population of common carp needs to be controlled.

The Fisheries group and LBWID staff are recommending that the Lake be stocked with hybrid (sterile)-striped bass to help control the increasing population of shad. The striped bass will also provide another sport fish that requires a different technique of fishing to catch. The cost of the hybrid-striped bass will be \$5,000 for 1,000 fish that are in the 8 – 10-inch range.

**Faulty Network Switch for Dam Control and Monitoring System** - Davis received the replacement network switch from the manufacturer and it is now in the LBWID's spare parts inventory for the dam.

### **Rig-Barge Maintenance**

The rig-barge was lifted out of the water via crane and placed on blocks at the Beach 5-off-loading site. Green Clean Mobile Dustless Blasting sandblasted the entire outside of the hull and applied 2 coats of marine grade multi-component epoxy.

LBWID staff applied a coat of marine grade paint/epoxy to the deck and spud-wells and then set it back in the water via a crane.

The total cost of the sandblasting and coatings was approximately \$4,950 including the crane rental.

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

Davis Grant and Tim Cogswell have a 3<sup>rd</sup> meeting scheduled on December 11<sup>th</sup> with City of Alexandria and Fairfax County to continue working on the plans and details for the upcoming Tabletop Exercise that is tentatively scheduled for March 4<sup>th</sup>, 2021.

Staff have updated the Dam's Emergency Action Plan (EAP) and submitted it to Fairfax County and the City of Alexandria OEM staff for final review.

GKY & Associates has completed the review the 2015 the Dam break analysis and Inundation Mapping Study and has determined that it still meets DCR Dam Safety newest requirements.

WR&A is aiming to have a draft version of the updated Operation and Maintenance Manual for the dam to the LBWID by November 25<sup>th</sup>.

LBWID) will review updated draft of the updated O&M Manual and provide comments back to WR&A by Dec. 7<sup>th</sup>.

WRA will complete FINAL version of updated O&M and submit to LBWID by Dec. 18<sup>th</sup>.

The approximate cost of this update will be between \$7,500 and \$10,000

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

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

### **Cathodic Protection System Inspection**

On November 5<sup>th</sup> Essential Corrosion Consultants conducted the inspection of the Dam's cathodic protection system and determined that the anodes on the bascule gate and the fixed elevation spillway are still putting out considerable current and the protection levels are still adequate. However, the anodes on the trash rack are not performing to industry standards and need replacing.

ECC will submit a proposal for new anodes for the trash rack and for assisting the LBWID staff with installing them.

The cost of this year's annual survey/inspection is \$3,000.

Davis will ask WR&A for an opinion on the need for continuing maintenance of the valves and the possibility of removing them altogether.

### **LBWID Trustee Action Items**

Davis and George will draft an article for the Dec newsletter on the topic of staff winter activities. (Due on November 15.)

Future newsletter articles: Relocation of LBWID Access Road, EAP Tabletop Exercise and LB Tree/Forest Survey.

Alan will discuss with LBA the possibility of next steps in a LB Tree/Forest survey

Alan will explore LBA cost sharing of the fish stocking.

Finalize the FY2023 budget.

Finalize staff reviews and salary actions.