

LBWID Planning Meeting FY-21-04
(10/27/2020)
Approved

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

LBWID Financial update

FY-2021 budget update – No unexpected variances.

Reviewed FY-2022 budget, draft #1.

New Access Road

The LBWID attorney has had several discussions with the Marshall family representative.

The family has received other offers. However, these have fallen through because of title problems and the County's resistance to zoning changes. The family is open to an LBWID inquiry.

Bill Roberts continues to express keen interest in progress and would like this acquisition to move along faster. He understands the process and wants to be kept informed of the status.

Dredge spoil disposal - During the past month 336 truckloads of dried dredge spoils were hauled from the Beach 3 and 5 decanting basins. At a cost of \$285 per load (combined trucking and tipping fee) the total cost of dredge spoils removal for this fiscal year is approximately \$100,000 vs. \$115,000 budgeted.

Fall dredging season

The fall dredging season started on October 5th with a goal of 175 barge loads. To date 119 barge loads have been removed from the Holmes Run side of the Lake. We are aiming to complete this season's dredging by November 6th.

The staff will also be responding to some private resident dredge requests around seawalls and docks.

LBWID/LBA Common Ground Drainage/Erosion Committee

The Committee met on October 14th to review the Land Design Consultants (LDC) proposal to survey the Beach 2 property and develop the design for improving the access road and correcting the chronic storm water and erosion issues.

The original cost of the survey and design work was going to be \$13,800. The Committee agreed to include the entire property in the survey for an additional \$700 bringing the total expenditure for the survey and engineering design to \$14,500.

Davis has signed a contract with LDC. Work is scheduled to begin in mid-November.

The LBWID Trustees approved the expenditure.

Several options for cost sharing with LBA were discussed with final resolution left to the November meeting with the LBA Board.

Lake Barcroft Fisheries group - The staff with the assistance of the fisheries group, will be conducting a basic fish survey (variety of species and visual health) of Lake Barcroft using the LBWID's electrofishing equipment on Sunday, November 1st at 8:00am.

Faulty Network Switch for Dam Control and Monitoring System

The network switch in the dam control building failed and was replaced under the manufacturer's warrantee.

Applied Controls Engineering (ACE) reconfigured the system so that the HMI in the dam house does not rely on this network switch to communicate with the PLC.

ACE also updated the firmware on the network switch in the office.

Small Push-Boat Repairs

To repair multiple small corrosion holes the outside of the hull was sand blasted, and the holes were patched with new steel.

Two coats of cold tar epoxy were applied to the outside of the hull and the inside of the hull was coated with epoxy paint.

The total cost of the repair and coatings was \$2,750.

2021 Dam 6-Year Recertification Inspection

Davis and Tim have a second meeting scheduled for November 4th with City of Alexandria and Fairfax County to continue planning for the upcoming Tabletop Exercise in 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. We should receive the preliminary results by the end of November.

WR&A is on-site today gathering all of the needed information for updating the dam's Operation & Maintenance Manual. The approximate cost of this update will be between \$7,500 and \$10,000.

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

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

Cathodic Protection System Inspection - Because of a doubling of the price of the annual inspection to \$6000 from \$3000. Davis will be dropping our longtime Russell Corrosion, our long-time cathodic protection consultants, in favor of Essential Corrosion Consultants, which is a start-up founded by former employees of the Russel Corrosion. The price will continue at \$3000.

LBWID Trustee Action Items

George and Davis will write an article about the dam recertification for the December community newsletter. Possible topics for future newsletter articles include Relocation of LBWID Access Road, EAP Tabletop Exercise and LB Tree/Forest Survey.

LBWID/LBA Common Ground Drainage/Erosion Committee (George)

FY-2022 budget development (Jerry)