

LBWID Planning Meeting FY 24-11

6/28/24

Approved

Attendees: Alan Pisarski, Jim Simonson, Davis Grant, Tim Cogswell, and Brenda Pierce

LBWID Operations Director's Update

Dam hydraulic pump and electric motor replacement update – installation of the new electric motor and hydraulic pumps has been completed. There are now backups and spare parts in reserve in case of issues.

New push-boat outfitting update – LBWID has started the outfitting of the new boat and is likely to be completed next week (motor mounted, welding, etc). Once outfitting is completed, LBWID staff will schedule a crane to set the new push boat into the water. New boat is “Kong.”

Dam cathodic protection system anode replacement update – installation will now likely be in July of this year.

Inspection of Bascule gate position sensors – inspection was completed on June 12. Due to corrosion, LBWID staff will be replacing the bracket mount of one of the inclinometers within the next few weeks.

Replacement of the Dam's hydraulic cylinder hydraulic hoses – on June 12 the hydraulic hoses were inspected and there was no obvious wear to the hoses. LBWID staff are advising to leave the existing hydraulic hoses in service.

Potterton property – dead trees/branches were taken down and left, vines have been removed, dirt mound and scrap steel have been removed. No word from the resident, so assume they are pleased with the work completed.

LBWID equipment vandalism – the windows of the John Deere 160G excavator have been replaced and the machine has been delivered back to Beach 5. LBWID insurance company has already mailed a check to LBWID for the cost of the repair (minus the \$250 deductible).

Davis pointed out that in addition to all of the above and the every day work performed by the staff, they are doing a tremendous job keeping the Lake and beaches clean, especially on Fridays so beaches are good for the weekends.

LBWID Financial Update

No major variances or unexpected expenditures.

Jim has been working on a draft investment strategy and is to meet with Nolan Stokes, a financial planner who lives in Lake Barcroft. Stokes helped with the LBA investment strategy.

Kelva is working on setting up all of the autopay bills.

Still need to work on setting up a small checking account for Davis and Tim to access for day-to-day expenditures and purchases. Davis would like off the main account.

East and West Dam Embankment Armoring Project

WRA and GKY Meeting Review/Follow-up Discussion

DCR Dam Safety/GKY/WRAP Meeting Review/Follow-up Discussion

Dam Safety indicated to us that the grant request we had made is still in play and we could expect answers in July or August. Other grant options were identified and Davis made note of them.

Alan observed that the WRA presentation was less defined than that of GKY. The group agreed that this was the result of the need for WRA to wait for the inputs from GKY. WRA's main work will be in the next stage.

Alan asked if we had a sense of when the next stage of work from WRA would be at the level for another Dam Safety briefing, in effect the next benchmark. Davis's answer was in the scale of 18-24 months.

The Maryland dam with a step ladder approach was discussed and it was suggested that we should make contact with them and pay a visit. Also to be investigated -- are there other dams in the country which had employed this approach? This is all on WRA's to do list - we talked to them about this in our briefing with them (not in the Dam Safety briefing).

DCR and FEMA Dam Safety Grant applications update. The meeting with DCR Dam Safety provided a couple of other suggestions for grant applications. Davis has made note and will investigate.

LBWID Tree Replacement Program

25 native overstory trees. Resident applications will be accepted July 15 to July 31 (Electronic applications will be on the LBWID website.)

Website now has all the information about the program. Also advertising via LB Newsletter and Constant Contact. Constant Contact message to go out by Davis just before the July 15 opening for applications.

Trees will be delivered to LBWID in mid-September and LBWID's contractor will plant the trees over the following 2 weeks.

Expected cost of the program = \$6,000.00

LBWID Cyber Security Upgrades

Applied Controls Engineering (ACE) and CyberClan are in the process of configuring the hardware (new routers/firewalls) and Advanced Endpoint Detection and Monitoring software.

Installation is currently expected to be completed by mid-July.

Lake Montclair Tour of LBWID Dredging Program

On July 9 at 10:00 am the LBWID will host a small delegation from Lake Montclair (Prince William County) so they can learn about LBWID's in-house dredging program.

Lake Montclair is interested in developing their own in-house dredging program so that they no longer must rely on contractors (Lake Services).

Kevin Hardy was contacted by this group when he sent them the water quality write-up he posted on Lakelink and they asked to learn more about what Lake Barcroft does.

Daniel Crevenston – Grandson of the Lake Barcroft Damkeeper for Alexandria Water Company

On July 10 the LBWID will host Daniel Crevenston, family, and friends for a tour of Lake Barcroft Dam and the Lake.

Mr. Crevenston's grandfather (by whom he was raised) was the damkeeper for the Alexandria Water Company. His grandfather also managed the Dam for Joseph Barger and Charles Dockser after they purchased the land, Lake, and Dam from the Alexandria Water Company.

Mr. Crevenston and his grandparents lived in a house that was on the property where Barcroft Towers is now (just downstream from the Dam, on the other side of Columbia Pike). The house and property were originally part of the Barcroft land that Barger and Dockser purchased from the Alexandria Water Company.

LB Newsletter Articles

Newsletter article deadline – LBWID internal deadline is the 10th of each month; LB Newsletter submission deadline is the 15th of each month.

January edition – LBWID Winter Work (submitted)

February edition - Lake Barcroft Residential Tree Replacement Program (submitted)

March edition – Spring is Here & Summer is Near (submitted)

April edition – The Depth of The Lake (submitted)

May edition – Monitoring the Dam, An Around the Clock Responsibility, and LBWID Budget (submitted)

May edition – Introduction to LBWID Staff (submitted by Janet Kerley)

July edition - LBWID Tree Replacement Program (submitted)

August edition – New LBWID Push-Boat (to be written by Tim and Davis)

Daniel Crevenston's visit and history