

MINUTES OF THE BOARD OF ALDERMEN / COMMUNITY LAND AND RECREATION
BOARD JOINT WORK SESSION OF AUGUST 1, 2023

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1. GENERAL AGENDA

Mayor Dean Katerndahl opened the work session at 5:02 p.m. on August 1, 2023, at City Hall, 8880 Clark Avenue, Parkville, Missouri. In attendance were aldermen Tina Welch, Philip Wassmer, Brian T. Whitley, Bob Bennett, Douglas Wylie, Stephen dMelton, Michael Lee and Allyson R. Berberich. Community Land and Recreation Board members in attendance were Adam Zink, Nate Askren, Amanda Blackwood, Linda Arnold, Michelle Flamm, Steven Sturgess.

The following staff was also present:

Alexa Barton, City Administrator

Jeffery Rhodes, Assistant City Administrator

Jon Jordan, Police Captain

Stephen Lachky, Community Development Director

Bryan Kidney, Interim Finance Director

Brittanie Propes, Parks & Recreation Director

Chris Ashley, Parks & Recreation Project Manager

John Mautino, City Attorney

A. US Army Corp of Engineers Wetlands Update and Schedule

Leigh Mitchell, U.S. Army Corps of Engineers, presented an update on the wetlands project in Platte Landing Park; presentation attached as Exhibit A. He said that due to a higher land appraisal, more federal funding was available for the project to fix the clay liner in the part of the wetland that was not holding water. The clay liner in the other basin would also be checked to ensure it will last. He noted that a portion of the funding expired at the end of the federal fiscal year (end of September) and the remaining would be completed in 2024.

City Administrator Alexa Barton said that maintenance of the wetland would be included in the operations manual and in conjunction with the Missouri Department of Conservation.

Leigh said that clay would be taken from the northern part of the park near Rush Creek and placed in the wetlands and bentonite would be hauled in for the project.

Discussion focused on the option to plant during the fall and the timing of receiving the additional funding. It was noted that because an internal crew was going to be used, the money would only be obligated when the work was being done or when the bentonite was purchased. The goal was to complete most of the work by the end of September.

The following citizens provided comments: David Dods, 5308 NW Bluffs Way; Penny Sharp, 5301 NW Bluff Drive; and Sheryl Biermann, 5310 NW Bluffs Way.

2. ADJOURN

The work session ended at 5:58 p.m.

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The work session minutes for August 1, 2023, having been read and considered by the Board of Aldermen, and having been found to be correct as written, were approved on this the twenty-ninth day of August 2023.

Submitted by:

Melissa McChesney
City Clerk Melissa McChesney



PARKVILLE BOTTOMS WETLAND – LINER UPGRADE

Leigh Mitchell
Project Manager
Kansas City District



US Army Corps
of Engineers



LINER REPLACEMENT

- Wetland has more porous base than anticipated
- This has led to wetlands not holding water as well as originally anticipated by the City
- While wetlands provide environmental benefit in their current form and would likely become less porous over time, the City has requested USACE upgrade the liner to improve water retention
- Funding has been secured to conduct liner replacement – 100% federal
- A portion of the funding expires FY23, so USACE is moving quickly to conduct this work
- Work will be conducted by USACE work crews
- Most earthwork will be complete by end of September 2023, but there will be follow up activities conducted into 2024 (vegetation management etc.)



LINER REPLACEMENT

3

What will be happening and when?

Last few months – funding acquisition, geotechnical assessment, and project scoping

Next week or two - area will be mown to allow construction and staging, including delivery of materials

Next 2-4 months – earthworks (more detail next slide)

Next spring – vegetation management likely (method not yet finalized)



LINER REPLACEMENT

4

What's being done?

Sandy wetland bottom material being replaced with clay

Clay is being sourced from area north of wetlands

Wetland bottom will be dug down 1 foot to make way for clay – this material will be placed at 'borrow' site





LINER REPLACEMENT

What's being done?

New clay areas shown in purple and green – granular bentonite added for additional seal

Orange areas will have granular bentonite tilled into existing sediments

Green line is a 1-2 foot tall berm to create two 'wetland cells' – will provide greater operational control

Agro-drains will be installed at existing drain locations – will provide greater operational control



ANTICIPATED RESULT

Wetland system that has greater operation control

Holds water for longer periods of time

Wetland may still have dry periods and while we're doing all we can within existing budget to improve water retention, we cannot guarantee permanent water retention

Greater likelihood of aquatic wetland vegetation communities establishing