

MINUTES OF THE BOARD OF ALDERMEN / COMMUNITY LAND AND RECREATION
BOARD JOINT WORK SESSION OF JULY 19, 2022

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1. GENERAL AGENDA

Mayor Dean Katerndahl opened the work session at 5:02 p.m. on July 19, 2022, at City Hall, 8880 Clark Avenue, Parkville, Missouri. In attendance were aldermen Philip Wassmer, Tina Welch, Brian T. Whitley, Bob Bennett, Douglas Wylie, Stephen Melton and Michael Lee. Community Land and Recreation Board members in attendance were Neil Davidson (via videoconference), Laura Ozenberger, Linda Arnold, Michelle Flamm (via videoconference), Amanda Blackwood and Dana Laiben.

A. Platte Landing Park Wetlands

Public Works Director Alysén Abel introduced John Grothaus, Robin Perusich and Lisa Rabbe from the United States Corps of Engineers and Neal Young with the Missouri Department of Conservation.

Neal Young, Missouri Department of Conservation, provided an overview of Missouri wetlands; presentation attached as Exhibit A. He said that the Platte Landing Park wetlands were two years old and the vegetation was doing what it was supposed to do.

John Grothaus, United States Army Corps of Engineers, provided a timeline of the project. He stated that the wetlands were within the Federal Emergency Management Agency floodway, which limited uses within the area. He said the benefits of the plan were restored wetlands, increased trail enhancements, the excavation was used to raise another area of the park for future uses, the trails were constructed as part of the project and for maintenance and ballfields were a compatible use with Section 1135. He outlined the timeline of the funding for the project.

Robin Perusich, United States Army Corps of Engineers, provided an update on the project. She said that the construction was completed and trees and shrubs were planted in 2020. For the contractor, the operations and maintenance phase was two years and they had to ensure a 75 percent survivability rate for the plantings, which she noted was successful in all the areas except the wetland without the clay liner. A 90 percent survivability rate was needed by October, with the exception of within the area where the matting was removed, but the survivability was reduced to 80 percent. She added that weed eradication and mowing was being managed from June through September to allow the plants to naturally proliferate, a final assessment would be completed and the City would be provided an operations and maintenance plan.

Discussion focused on invasive species, different ways to approach hydrology in the northern wetland, what would happen if the survivability rate did not meet the requirement, the wetness of the wetland, the pumps used and the wetlands not holding water.

Damon Slaughter, United States Army Corps of Engineers, said he was the project manager from late in the design through to construction. He clarified that Wetland A was seeded and two borings were done in Wetland B to determine the depth of the clay; he noted that sand pockets were found in several places.

Further discussion focused on locating the sand pockets, options to get water into the

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wetlands and the associated costs and the effect on Rush Creek when pumps were used.

The following made public comments: David Dods, 5308 NW Bluffs Way; Brent Frazee, 5709 Woodland Point; Sheryl Biermann, 5310 NW Bluffs Way; Mary Nemecek, Burroughs Audubon Society.

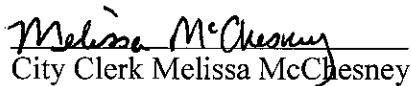
Mayor Katerndahl invited David Dods to participate in a small subcommittee to help develop a restoration strategy and he accepted.

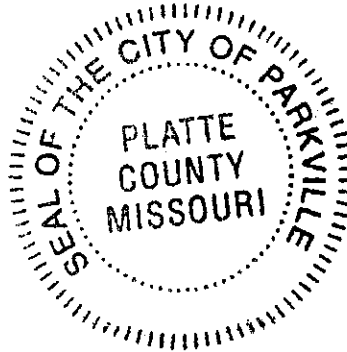
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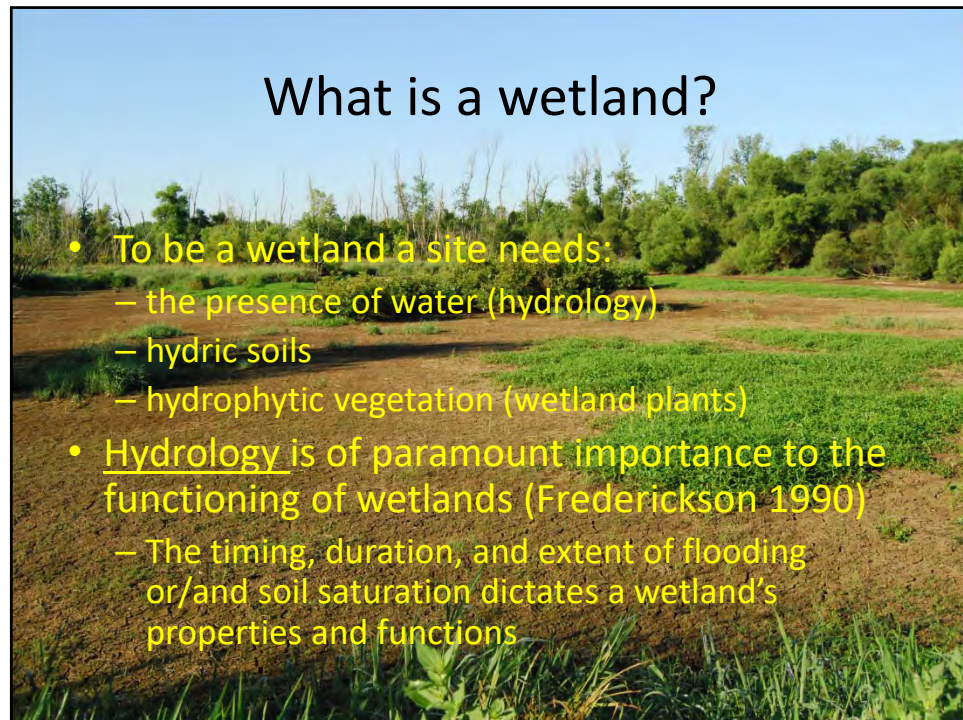
The work session ended at 6:51 p.m.

The work session minutes for July 19, 2022, having been read and considered by the Board of Aldermen, and having been found to be correct as written, were approved on this the second day of August 2022.

Submitted by:


City Clerk Melissa McChesney





Why are wetlands important?

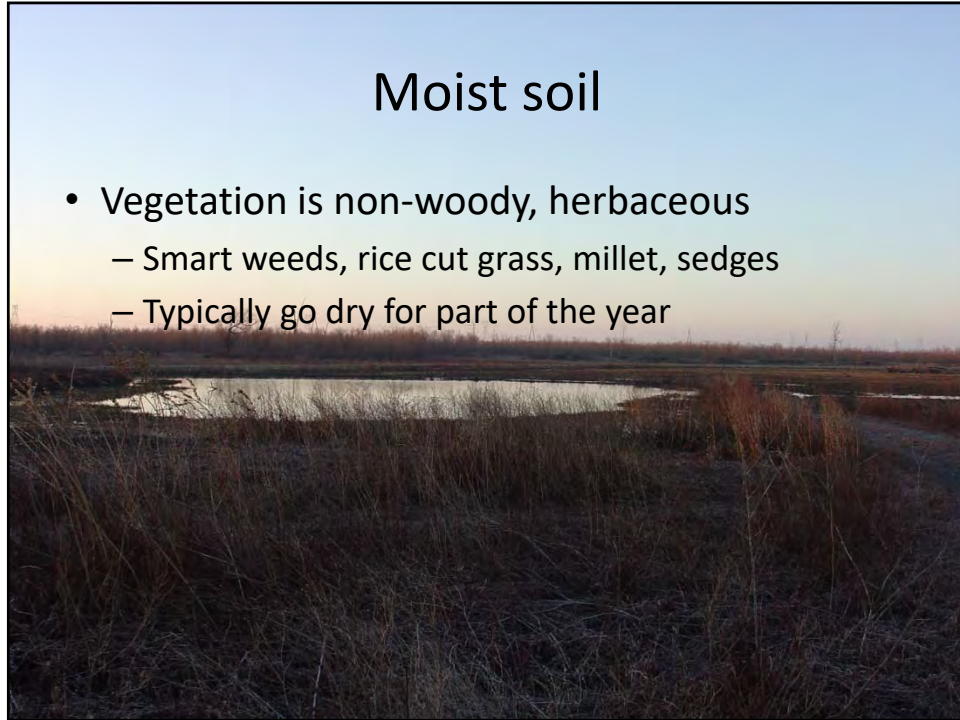
- Increased floodwater storage
- Improve water quality by filtering nutrients and pesticides, and trap sediment
- Provide habitat for wetland dependent species
- Recharge groundwater
- Slow flowing water velocities

Why are wetlands important?

- Nearly half of Missouri's vascular plants are associated with wetlands (Reed 1988).
- Of the 430+ bird species recorded in Missouri, 120 species that regularly nest or migrate through the state depend on wetlands for part of their life cycle (Jacobs 2001).
- Over 200 Missouri species of conservation concern use wetlands as their primary habitat (MO Natural Heritage Inventory Database 2001).

Moist soil

- Vegetation is non-woody, herbaceous
 - Smart weeds, rice cut grass, millet, sedges
 - Typically go dry for part of the year



Today: Wetland Management Challenges

- Water management
- Loss of connectivity
- Keeping desired species going and controlling invasive species
- Satisfying public demand
- Public sentiment toward wetlands



Wetland Restoration

- Have to look at the soils and restore a wetland to what is appropriate to the site (cannot force something if it does not want to be there)
- Average 18 inches deep
- Should have variation in timing of flooding year to year
- Usually takes a minimum of 5 to 8 years to see results

Slight changes in elevation have drastic effects



