

PARKS & RECREATION Administration Division



Brighton Park Pond Liner Project

CITY COUNCIL MEETING – April 05, 2022

City Staff Representative: Kyle Sylvester, Assistant Director of Parks and Open Space

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Strategic Focus Area



Facilities, Amenities, and Open Space



Supportive, Sustainable Infrastructure

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Project Location within Brighton Park (Recreation Center Complex)



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Background

- The north pond at Brighton Park was constructed in 1998
- There was no liner installed at that time
- Water seeps back down into the underlying soil quickly due to soil type in the area
- The water in the pond is replenished by a well inside Brighton Park
- The Parks Department pays Utilities for the water and is quite expensive to keep the pond filled
- The pond is also used for fishing and other passive recreational uses

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Water Usage and Cost to Fill North Pond

Year	Cost	Gallons
2021	\$71,169	17,789,000
2020	\$88,436	24,006,000

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Project/Construction Tasks

- Remove organic layers, riprap, and trees within the liner extents
- Remove two feet of cover and stockpile for later use
- Compact subgrade
- Install geosynthetic clay liner (GCL)
- Place two feet of cover over the liner
- Revegetate disturbed areas



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Project Benefits

- City would save thousands of dollars each year as we wouldn't have to fill the ponds as frequently
- City would save money on energy consumption as the pump would be running less with a new liner installed
- Conserve our natural resources and promote sustainability as a City
- Maintain more constant water level in pond for aesthetics, fishing and other passive recreational activities

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Award of Bid

- City would like to award Meridiam Partners LLC in the amount of \$522,418.10
- City would like to award Engineering Analytics \$79,808 for construction oversight (Engineering Analytics was the engineering firm that designed the project)
- Sufficient appropriation exists for this project in Parks Capital

Total Cost for project: \$602,226.10

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Options for City Council

Brighton City Council has the following options in this matter:

- Approve the proposal
- Reject the proposal
- Request staff to look at other options

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