

Lake Mitchell Advisory Committee
Meeting Agenda

Tuesday, October 9, 2018

4:00-5:00pm - Rec Center Conference Room 1300 N Main St

1. Call To Order

2. Roll Call

3. Approval Of Minutes

Documents:

[8-14-18 MTG.PDF](#)

4. Public Input

5. Old Items

6. Agenda Items

A. Discuss Ideas For Funding Lake Mitchell Development Strategy

Documents:

[COPY OF DEVELOPMENT STRATEGY E.PDF](#)

7. Adjourn

Draft Lake Mitchell Advisory Committee

August 14, 2018: Mitchell Recreation Center Conference Room

Present: Mayor Everson, Joe Kippes, John McLeod, Todd Boyd, Kevin Erdmann, Mike Vehle,
Brian Temple, Mark Puetz, Nate Powell, Steve Roth Kyle Croce, Justin Johnson,
Stephanie Ellwein, Ellen Bardash Mitchell Daily Republic

Meeting started at 4:00 p.m.

Motion John McLeod, Second Brian Temple to approve the July 10th and July 30, 2018 minutes as read. Motion approved and carried.

Agenda

2019 Lake Budget Update and Review – Nate Powell informed the Committee the City Council has allocated \$250,000 in the 2019 budget as well as funds to build restrooms at Sandy Beach and \$50,000 for creating a dock area at the lake. Brian Temple noted that several years ago, an 8-page document was drafted regarding public dock program at Lake Mitchell however; due to various concerns and issues, it was tabled. Joe Kippes requested the document be sent to all Committee members prior to the September meeting so that it may be discussed. Joe Kippes questioned as to when recommendations should be made on the spending of the \$250,000 the council budgeted for 2019. The funds were originally earmarked for the structural design of the drawdown spillway modification and other items; however, Nate informed the Committee the money's purpose could actually be determined later as the funds cannot be used until the 2019 fiscal year begins in January. Kyle Croce informed the Committee that the James River Watershed Development District would have access to \$978,000 for general watershed improvements from a grant through the State of South Dakota. A discussion was held by the Committee on the \$250,000 budget funds and it was determined that since the funds will not be available until the beginning of the 2019 fiscal year that the Committee will take time to research how the funds could best be used and keep the Council updated. The Committee held a brief discussion on the grant funds available through the JRWDD, several questions were raised on how the funds would be utilized. Kyle told the Committee they could prioritize what they would like seen done in the watershed, however it will be up the JRWDD to determine the exact use of the funds.

Motion John McLeod, Second Kevin Erdmann to adjourn the Lake Mitchell Advisory Committee meeting at 4:57 p.m.

Submitted by: Angel DeWaard

Lake Mitchell Development Strategy

	In-Lake	Near-Lake	Watershed
Description	Internal Load Control/Drawdown	Retention Pond, Wetlands, Alum Injection System, Funding Pursuits	Watershed Improvements, Hotspot Identification, Sampling
Timeline	1-2 Years	2-3 Years	On-Going
Is this a Requirement to Meet Water Quality Goals?	Yes, 47% reduction to meet goals	Yes, 53% reduction to meet goals	This will help reduce phosphorus levels below our water quality goals after completing In-Lake & Near-Lake Projects
Initial Investment	\$8,860,000.00	\$6,436,420.00	\$76,193.00
Contingency	\$1,702,000.00	\$1,283,000.00	\$0
Engineering Fee	\$683,280.00	\$769,800.00	\$0
Project Total	\$11,245,280.00	\$8,489,220	\$76,193
Grant Funded	Unavailable	Potentially 60% Grant Funded 40% City Match	100% Grant Funded
Long-Term Investment to the City of Mitchell	Near-Lake	\$176k a year plus \$225k every 4-5 years	\$0
Description of Long-Term Costs	Long-term alum treatments should be explored as part of Near-Lake	Annual alum injection cost, optimize final design to minimize annual cost. Whole lake alum treatments if/when flood events overtop retention structure. Estimated once every 4-5 years.	Implementation of watershed conservation practices over a period of time, dependent upon landowner participation.

Step 1 Investment	Engineering	Project Cost	Contingency	Total
Outside Funding Pursuits	\$ -	\$ 21,420.00	\$ -	\$ 21,420.00
Identify Watershed Hotspots	\$ -	\$ 11,460.00	\$ -	\$ 11,460.00
Watershed Sampling	\$ -	\$ 64,733.00	\$ -	\$ 64,733.00
Drawdown	\$ 100,800.00	\$ 470,000.00	\$ 84,000.00	\$ 654,800.00
Mechanical Dredging Project	\$ 582,480.00	\$ 8,390,000.00	\$ 1,618,000.00	\$ 10,590,480.00
Step 2 Investment				
On-Line Impoundment	\$ 654,000.00	\$ 5,450,000.00	\$ 1,090,000.00	\$ 7,194,000.00
Wetland Complex	\$ 67,800.00	\$ 565,000.00	\$ 113,000.00	\$ 745,800.00
Alum Injection	\$ 48,000.00	\$ 400,000.00	\$ 80,000.00	\$ 528,000.00
Cost to Restore Lake Mitchell				
Subtotal	\$ 1,453,080.00	\$ 15,372,613.00	\$ 2,985,000.00	\$ 19,810,693.00
Grants	\$ (433,080.00)	\$ (3,609,000.00)	n/a	\$ (4,042,080.00)
Total	\$ 1,020,000.00	\$ 11,763,613.00	\$ 2,985,000.00	\$ 15,768,613.00

* Green Boxes = 2019 Budget Requests from the Lake Committee