

# Project Work Plan

Diamond Lake Area Recreation Association

Diamond Lake Aquatic Plant Management Project

(Project Number CIP 14-02)

10/01/2019

Fiscal Administration Support: Middle Fork Crow River Watershed District

## Section 1: Project Summary

**Project Title:** Diamond Lake Aquatic Plant Management Project (Project Number CIP 14-02)

**Project Sponsor:** Diamond Lake Area Recreation Association

**Project Fiscal Administration Support:** Middle Fork Crow River Watershed District

**Project Funding Type:** MS 103D.701 Project – MS 103D.745

**Start date:** September 1, 2015

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**Support Contact Name:** Margaret Johnson, District

Administrator

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**Watershed Basin:** Upper Mississippi

**Major Watershed:** North Fork Crow River Watershed

**Sub-watershed:** Middle Fork Crow River Watershed

**Water body:** Diamond Lake

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## Section 1: Project Information

The Middle Fork Crow River Watershed District (MFCRWD) and the Diamond Lake Area Recreational Association (DLARA) desire an aquatic plant management plan for Diamond Lake that addresses effective long-term management of aquatic invasive plant species. MFCRWD and the DLARA have recently managed invasive aquatic plants through the use of harvesters and herbicide application. However, MFCRWD and the DLARA believe a plan that focuses on long-term management will better address improving water quality, lake navigation, and native vegetation health. These goals will be addressed through:

- Identifying the current status of aquatic plants in Diamond Lake.
- Specifying quantifiable management goals.
- Recommending specific management action items to improve lake conditions.
- Developing an annual budget for program implementation.

Initial: \_\_\_\_\_

## Section 2: Budget

### Diamond Lake Area Recreation Association Aquatic Plant Management Operation Budget:

2012 Operation Budget: \$6,000  
2013 Operation Budget: \$6,000  
2014 Operation Budget: \$9,000  
2015 Operation Budget: \$-  
2016 CIP Assessment: \$28,869.18  
2017 CIP Assessment: \$20,000.00  
2018 CIP Assessment: \$20,000.00  
2019 CIP Assessment: \$20,000.00  
2020 CIP Assessment: \$80,000.00

Section 3: Body of the Work Plan

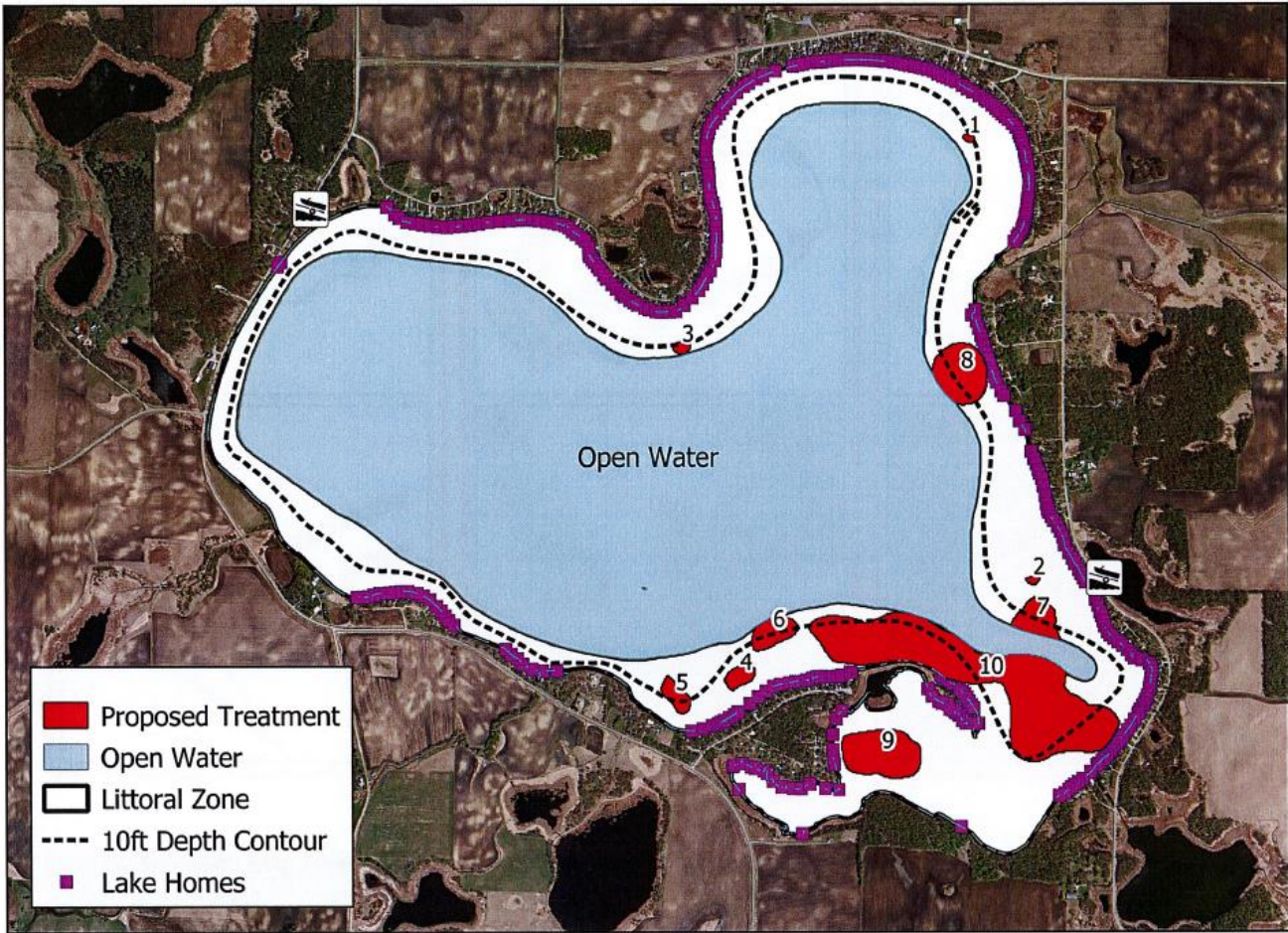
Objective:

2020:

- Statement: The Diamond Lake Association Area Recreation Association will treat 83 acres. The cost is approximately \$1,000 an acre due to the depth of the lake. The total bid is approximately \$79,000.

Section ID 2, 4, 5, 6, 7, 8, & 10.

ID	Acres	Depth (ft)	Acre-ft	Density
1	0.2	10.8	2.2	54%
2	0.3	5.7	1.7	54%
3	0.7	11.5	8.1	55%
4	2.1	5.9	12.4	55%
5	2.3	10.1	23.2	55%
6	4.0	10.8	43.3	57%
7	4.9	10.8	52.9	60%
8	9.8	8.2	80.2	65%
9	12.0	5.0	60.0	59%
10	61.1	9.2	561.3	61%



**Section 4: Actual Past Outcomes**

**Actual Outcomes:**

2019:

- The Diamond Lake Association Area Recreation Association will hire a lake service provider to survey in lake vegetation and invasive curly-leaf. The cost will be between \$5,073.65. The cash balance for the CIP is \$6,6285.69

2018: PLM treated 20 acres at \$575.84/acre. Totaling \$11,516.80

- The Kandiyohi County Water Task Force paid 50% of the total project cost.
- The CIP paid 50% of the project cost, \$5,758.40.

2017: PLM treated 20 acres at \$435.78/acre. Totaling \$8,715.60.

- The Kandiyohi County Water Task Force paid 50% of the total project cost.
- The CIP paid 50% of the project cost, \$4,357.80.

2016: The CIP paid \$7,016.22

**Signed:** \_\_\_\_\_  
President, Representative, Diamond Lake Area Recreation Association

**Dated:** \_\_\_\_\_