



## Nine Mile Creek Watershed District Shoreline Vegetation Management for Bush Lake

9140 E Bush Lake Rd, Minneapolis, MN 55438

Date: 7.17.18

Report Prepared By: Nikki McDermond-Spies

Management Performed by: Nikki McDermond-Spies, Cody Dock Management Report

7.12.18 - A spot mow and spot spray was conducted around the entire managed area of the buffer excluding the Northwest most section near the pump house. Targeted mowed species included reed canary grass (*Phalaris arundinacea*), flowering Canada thistle (*Cirsium arvense*), flowering sweet clover (*Melilotus albus*) and other flowering invasives. Target sprayed species included leafy spurge (*Euphorbia esula*), purple loosestrife (*Lythrum salicaria*) and other invasives. Chemical applied was Garlon 3A (triclopyr) in the upland areas and Aquaneat (glyphosate) within standing water (purple loosestrife). Some volunteer willows were also cut back.

Follow-up management visits focused on controlling woody volunteers and maintaining the high-quality areas of the site are scheduled to occur throughout the growing season. The next visit should occur as soon as possible to finish management on the north side of the buffer. Following that, another selective treatment should occur within the next 3-4 weeks targeting previously managed species and increasing woody control in specific areas (see attached photo).

7.17.18 - (Follow-up visit) Management was completed near the pumphouse on the north end of the buffer. Target sprayed species included leafy spurge (*Euphorbia esula*), purple loosestrife (*Lythrum salicaria*), and crown vetch (*Securigera varia*). Young willows along the southside of the beach parking lot were mowed back and removed to open the canopy for native understory.

**Note:** There are an increasing number of foot paths cutting through the shoreline buffer, which is causing a much higher concentration of invasives in these areas than there have been in the past. Follow-up visits should focus on these locations, and the use of educational signage or barriers should be considered to discourage shoreline access through the buffer.



Willow encroachment – Bush Lake Beach, south of beach entry road and parking lot, adjacent to public dock.



**PERFORMANCE  
DRIVEN DESIGN.**  
LHBcorp.com

July 31, 2018

Randy Anhorn  
Nine Mile Creek Watershed District  
12800 Gerard Drive  
Eden Prairie, Minnesota 55346

## **NINE MILE CREEK WATERSHED DISTRICT OFFICE ADDITION PROPOSAL FOR SERVICES**

### **PROJECT UNDERSTANDING**

LHB is pleased to propose the following services to Nine Mile Creek Watershed District. We understand the primary goal is to review planning/zoning requirements and concept design options for a small addition to incorporate two (2) new office spaces at the Nine Mile Creek Watershed District office located at 12800 Gerard Drive in Eden Prairie.

### **SCOPE OF SERVICES**

- Two (2) meetings at Nine Mile Creek Watershed Office in Eden Prairie.
- Code and zoning review and memorandum.
- Two (2) floor plan schemes for an approximately 300 gsf addition.

### **SCHEDULE**

- Meeting – August 3<sup>rd</sup>
- Draft concept plans and memorandum by August 22<sup>nd</sup>
- Meeting approximately August 24<sup>th</sup>
- Final concept plan by August 29<sup>th</sup>

### **PROPOSED FEE**

Compensation for the Architect's services shall be for a stipulated sum of Two Thousand Three Hundred Fifty Dollars (\$2,350), plus reimbursable expenses.

21 West Superior Street, Suite 500		Duluth, MN 55802		218.727.8446
701 Washington Avenue North, Suite 200		Minneapolis, MN 55401		612.338.2029
324 Garfield Street South		Cambridge, MN 55008		763.689.4042
63 East Second Street, Suite 150		Superior, WI 54880		715.392.2902

## **TERMS AND CONDITIONS**

Upon your approval of this proposal, LHB will prepare an agreement consistent with the terms and conditions of our standard agreement form.

Please contact me at 612.752.6923 if you have any questions.

LHB



RICHARD A. CARTER, FAIA, LEED FELLOW  
SENIOR VICE PRESIDENT

c: LHB File # 180645

O:\18proj\180645\100 Financial\101 Proposals\180645 20180731 Nine Mile Creek Office Addition Proposal.docx