



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, March 21, 2018

Agenda Item

Item 5. C. - 2018 Cost Share Application - Bergo, 727 7th Street, Chaska, MN

Prepared By

Linda Loomis, Administrator

Summary

The LMRWD received a cost share application for a rain garden at 727 7th Street in Chaska. The homeowner has been working with a professional landscape firm and the Carver County SWCD. The raingarden will be situated next to a public trail and the stormwater from the property drains toward a small waterbody across the trail.

Staff recommends approval of the Cost Share for \$2,500.

Attachments

Cost Share Application

Site Plan and plant list

Location maps

Recommended Action

Motion to authorize 2018 Cost Share for Chimney Pines Homeowners Association



Application type (check one) Homeowner Non-profit - 501(c)(3) School
 Business or corporation Public agency or local government unit

Project type (check all that apply) Rain garden Vegetated Swale Infiltration Basin
 Wetland restoration Lake/creek/wetland buffer Conservation practice
 Shoreline/bank stabilization Pervious hard surface
 Other _____

Applicant Information

Name of Organization or Individual Applying for Grant (to be named as Grantee):

Bruce Bergo

Address (street, city and ZIP code):

727 - 7th St. Chaska Mn 55318

Phone: _____ Email address: _____

Primary Contact (if different from above)

Name of Organization or Individual Applying for Grant (to be named as Grantee):

Bruce Bergo + Kim

Address (street, city and ZIP code):

727 - 7th St. Chaska Mn 55318

Phone: 952-451-1642 Email address: bbergo@comcast.net

Project location

Address (street, city and ZIP code):

across walking path of 727 - 7th St. Chaska Mn 55318

Property Identification Number (PID)

Property Owners:

City of Chaska. permitting Bruce Bergo to do project

Project Summary

Title 1,100 sq. ft. Rain Garden 250 sq. ft. of it Dry.

Total Project Cost \$4,503.46 Grant amount requested \$3,000

Estimated start date 6/1/2018 Estimated completion date 7/1/2018

Is project tributary to a water body? No, water remains on site Yes, indirectly Yes, directly adjacent

Project description:

850 sq. ft of raingarden to catch water run off from homes near by, 250 sq ft. dry native prairie 265 native plants. forbes + grasses. 5 Trees 15 shrubs.

Is this work required as part of a permit? No Yes
(If yes; describe how the project provides water quality treatment beyond permit requirement on a separate page.)

Project Details

Checklist To be considered complete the following must be included with the application.

- location map
- project timeline
- site plan & design schematic
- proof of property ownership
- itemized budget or contractor bid
- plant list & planting plan (if project includes plants)

Description

Describe the current site conditions, as well as site history, and past management

mowed grass. along city walking path
Bird feeders.

EDUCATION

What are the project objectives and expected outcomes? Give any additional project details.

retain water to purcolate down into subsoil with native plants to clean the water (filter) before entering lake or aquifer Also improving habitat for wildlife, pollinators Butterflys, Birds, hummingbirds. Estheticly eye appealing for Pedestrians.

List other key participants and their roles (provide contact information for each partner and his/her expected contribution to the project)

Dave Sticha - main construction, excavating,
612.598.2875

Which cost share goals does the project support? (check all that apply)

- improve watershed resources
- Foster water resource stewardship
- increase awareness of the vulnerability of watershed resources
- increase familiarity with and acceptance of solutions to improve waters

How does the project support the goals you checked?

Project Details (continued)

Benefits Estimate the project benefits in terms of restoration and/or annual pollution reduction. If you are working with a designer or contractor, they can provide these numbers. If you need help contact the district Administrator.

Benefit	Amount	
Water captures	3338	gal/year
Water infiltrated	3338	gal/year
Phosphorus removed	0.1	lbs/year
Sediment removed	20.3	lbs/year
Land restored		sq. ft.

How will you share the project results with your community?

mostly by visual as people walk by to see what the rain garden is doing, especially after a rain. The Benefit results could be added to newspapers or watershed publications.

Are there other projects that could be initiated as a result of this one?
Shoreline Restoration along body of water below rain garden.

Evaluation

How will the project be monitored and evaluated?

observation

Maintenance agreement

I acknowledge that receipt of a grant is contingent upon agreeing to maintain the project for the number of years outlined in the cost share guidelines. Yes

Authorization

Name of landowner or responsible party

CITY OF CHASKA -

BRUCE BERGO
727 7TH STREET
CHASKA, MN 55318

Signature

Bruce L Bergo

952-368-9099

Date

3-15-2018

Type or handwrite your answers on this form. Attached additional pages as needed

(For questions, contact Linda Loomis at NaiadConsulting@gmail.com or call 763-545-4659.)

Mail the completed application to:

or Email to:

Lower Minnesota River Watershed District
c/o Linda Loomis, Administrator
112 E. Fifth St., Suite 102
Chaska, MN 55318

Linda Loomis, Administrator
naiadconsulting@gmail.com

2018 Cost Share Worksheet

Labor Costs (Contractors, Consultants, In-Kind Labor)

Service Provider	Task	# Hours	Rate/Hour	Requested Funds from LMRWD	Matching/In-Kind Funds	Total
Homeowner	planting	15	\$12		\$ 180.00	\$ 180.00
Dave Sticha	excavating				\$ 350.00	\$ 350.00
Dave Sticha	surveying				\$ 1,250.46	\$ 1,250.46
Dave Sticha	consultation					
Dave Sticha	added tile & clave				\$ 60.00	\$ 60.00
Total:				\$ -	\$ 1,840.46	\$ 1,840.46

Project Materials

Material description	Unit Cost	Total # of Units	Requested funds from LMRWD	Matching/In-Kind Funds	Total
Native plants		285	\$ 1,875.00		\$ 1,875.00
Rain Garden Soil Mox	\$ 25.00	10	\$ 250.00		\$ 250.00
Double ground shredded mulch	\$ 28.00	11	\$ 156.73	\$ 151.27	\$ 308.00
Deliveries	\$ 95.00	2		\$ 190.00	\$ 190.00
Tile & Valve		1		\$ 100.00	\$ 100.00
Total:			\$ 2,281.73	\$ 441.27	\$ 2,723.00

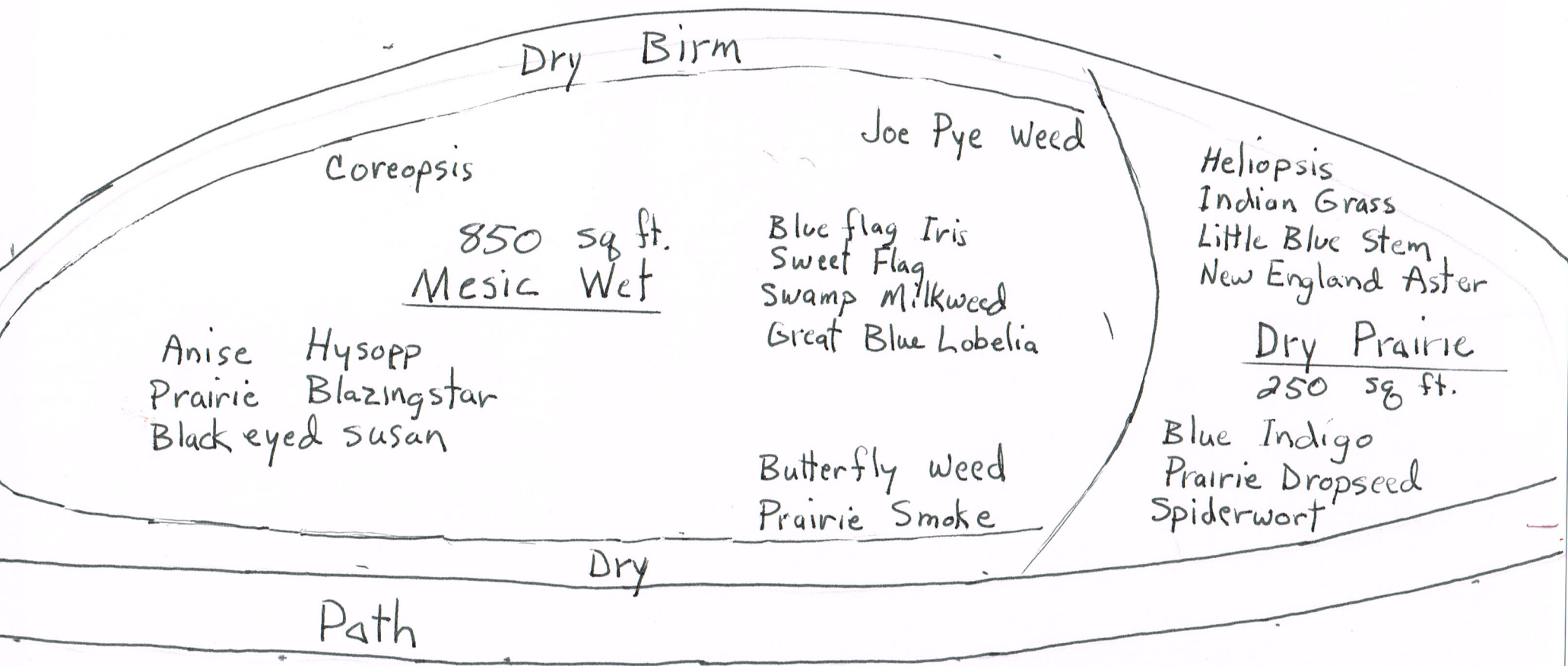
Total Requested Funds from LMRWD*:	\$ 2,281.73 (A)	(\$2500 or 50% of total cost whichever is less)
Total Matchin/In-Kind Funds:	\$ 2,281.73 (B)	
Project Total:	\$ 4,563.46 (C)	

*Please note: total requested funds (A) cannot be more than 50% of the Project Total (C)

LAKE

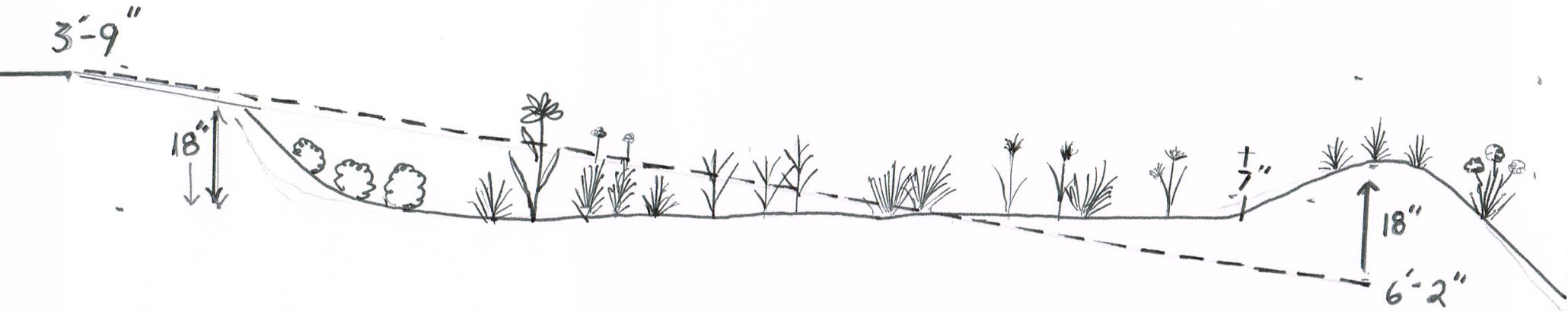
Shrubs on slope to lakes edge.
Trees on each side of raingarden.

60'



Scale 1" = 6'

60' x 21'



Existing soil -----

Elevation Readings 3'-9", 6'-2"

7" Depth of Rain Garden

1" = 2' Scale

D@J Landscaping
 26990, Langford Ave
 New Prague, MN 56071
 none

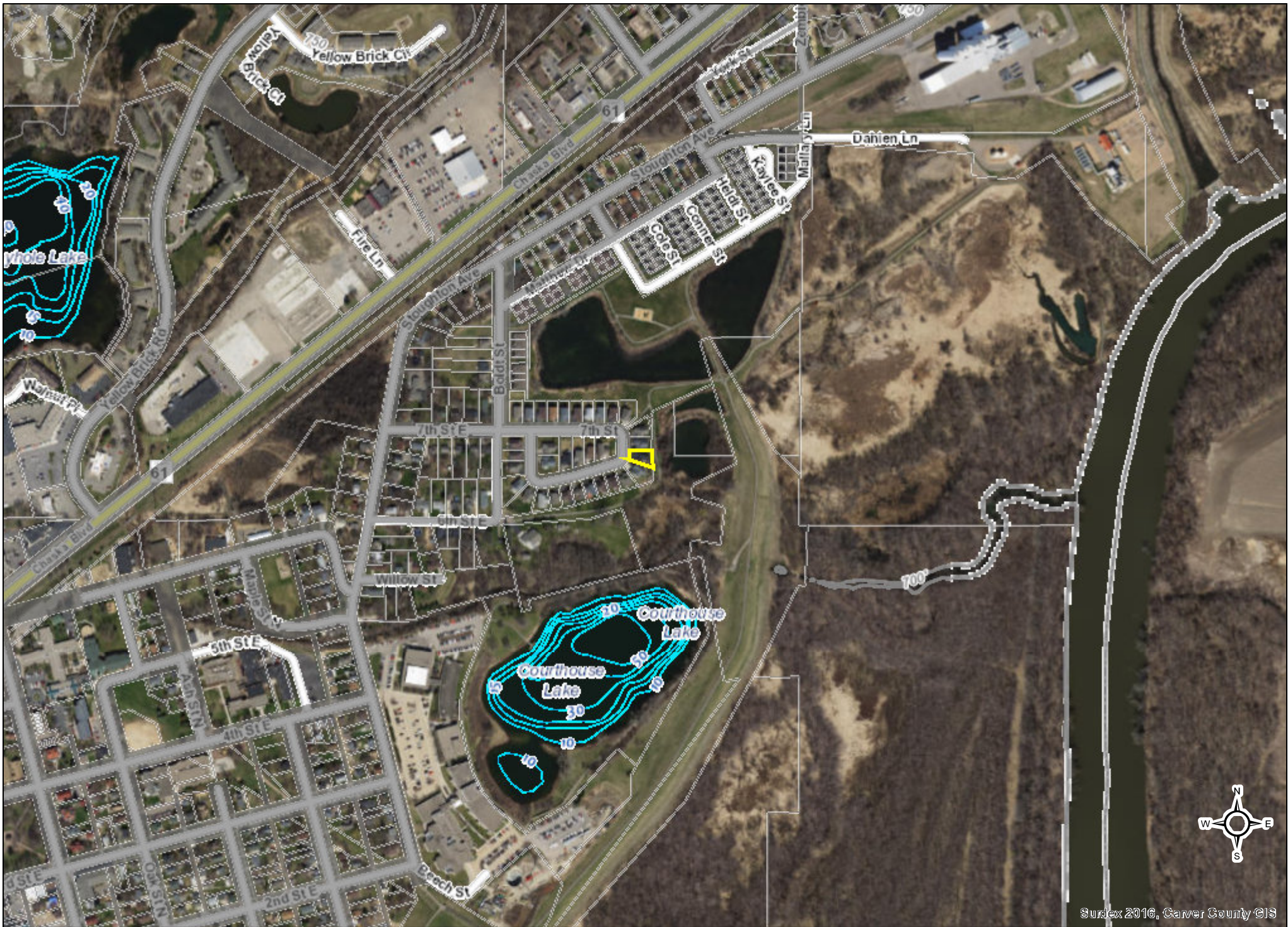
Quote

Customer	Customer Number	2202018
Bruce & Kim Bergo	Quote Date	February 20, 2018
Chaska, mn	Sales Person	
	Expiration Date	March 22, 2018
	Terms	
	Proposal Name	raingarden
	Project Name	
	Proposal Number	2018-443

Version Number 1

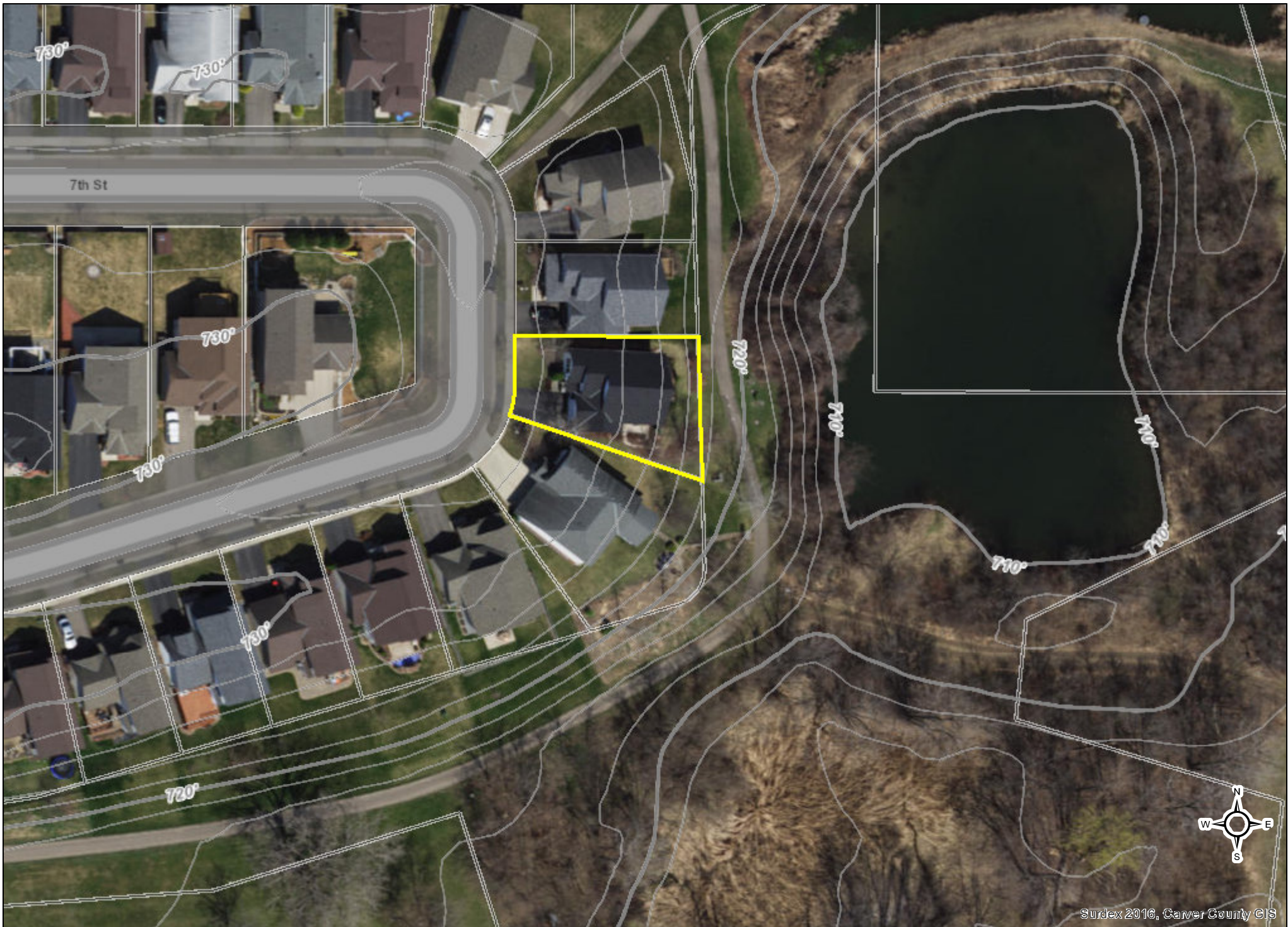
SKU	Size/ Unit	Description	Quantity	Unit Price	Extended Price
		Rain Garden mix 50% sand 50% leaf compost	10.00	\$25.00	\$250.00
		double ground shredded mulch, natural	11.00	\$28.00	\$308.00
		deliveries	2.00	\$95.00	\$190.00
	4" pot	NATIVE FORBES AND GRASSES	265.00	\$5.00	\$1,325.00
		Butterfly Weed / Asclepias tuberosa	1.00	\$0.00	\$0.00
		Swamp Milkweed / Asclepias incarnata	1.00	\$0.00	\$0.00
		Blue Flag Iris / Iris versicolor	1.00	\$0.00	\$0.00
		Prairie Blazing Star / Liatris pycnostacha	1.00	\$0.00	\$0.00
		Anise Hyssop / Agastache foeniculum	1.00	\$0.00	\$0.00
		New England Aster / Aster novae-angliae	1.00	\$0.00	\$0.00
		Sweet Blackeyed Susan Rudbeckia subtomentosa	1.00	\$0.00	\$0.00
		Early Sunflower Heliopsis helianthoides	1.00	\$0.00	\$0.00
		Ohio Spiderwort / Tradescatia ohioensis	1.00	\$0.00	\$0.00
		Great Blue Lobelia / Lobelia siphilitica	1.00	\$0.00	\$0.00
		Joe Pye Weed / Eupatorium masculatum	1.00	\$0.00	\$0.00
		Lance leaf Coreopsis / Coreopsis lanceolata	1.00	\$0.00	\$0.00
		Prairie Dropseed / Sporobolus heterolepsis	1.00	\$0.00	\$0.00
		Little Bluestem / Schizachyrium scoparium	1.00	\$0.00	\$0.00
		Indian Grass / Sorgastrum nutans	1.00	\$0.00	\$0.00
		Sweet Flag / Acorus calamus	1.00	\$0.00	\$0.00
		Prairie Smoke / Geum triflorum	1.00	\$0.00	\$0.00

Blue Wild Indigo / Baptisia australis	1.00	\$0.00	\$0.00
SHRUBS	15.00	\$25.00	\$375.00
Gro-Low Fragrant Sumac / Rhus aromatica	1.00	\$0.00	\$0.00
Red Lake Currant / Ribes redlake	1.00	\$0.00	\$0.00
Gooseberry / Ribes pixwell	1.00	\$0.00	\$0.00
Falsespirea / Sorbaria sorbifolia "sem"	1.00	\$0.00	\$0.00
TREES	5.00	\$35.00	\$175.00
American Elderberry / Sambucus canadensis	1.00	\$0.00	\$0.00
Serviceberry (Juneberry) / Amelanchier alnifolia	1.00	\$0.00	\$0.00
Bobcat excavating	1.00	\$350.00	\$350.00
Man Labor	30.00	\$45.00	\$1,350.00
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		Taxable	\$2,623.00
		Tax Exempt	\$1,700.00
		Tax	\$180.46
		Total	\$4,503.46



This map was created using Carver County's Geographic Information Systems (GIS), it is a compilation of information and data from various City, County, State, and Federal offices. This map is not a surveyed or legally recorded map and is intended to be used as a reference. Carver County is not responsible for any inaccuracies contained herein.

Map Date: 3/18/2018



Surdex 2016, Carver County GIS

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