

NE 1386 Rochester Hills Natural Features Stewardship Program
GSAB Stewardship Program - 2017 Proposed Budget



Site	Project	Prioritization Score	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Harding	NE 1386.H1 Wet Meadow Restoration and Enhancement	54	Woody Spp Control - Cut Stump	January	1 day, 3 staff	30	\$3,000
			Invasive Cattail Control - Hand Wick	late August	2 days, 2 staff	40	\$4,000
			Woody Spp Control - Cut Stump	Jul - Dec	2 days, 2 staff	40	\$4,000
			TOTAL:		5 days	110	\$11,000
Harding	NE 1386.H2 Prairie Restoration	53	Woody Spp Control - Cut Stump	January	2 days, 2 staff	40	\$4,000
			Prep Proposed Prairie Areas - Foliar Broadcast Treat and Mow	April	1 day, 3 staff	30	\$3,000
			Prep Proposed Prairie Areas - Foliar Broadcast ReTreat	early May	1 day, 2 staff	20	\$2,000
			Install Custom Prairie Seed Mix + plugs	late May	2 day, 2 staff	40	\$4,000
			Monitor Restored Prairie Area - Spot Treat, Supplemental Watering, etc.	July	2 day, 1 staff	20	\$2,000
			Prairie Maintenance - Mow to 6" - 8" and spot-treat invasives	August	1 day, 2 staff	20	\$2,000
			Prairie Maintenance - Mow to 6" - 8"	November	1 day, 2 staff	20	\$2,000
			Materials (seed, plugs, brush-hog rental, harrow rake, etc)	NA	NA	0	\$3,000
TOTAL:		10 days	190	\$22,000			
Harding	NE 1386.H3 Pond Area Enhancement	50	Install Plant Material - Native Plugs, Native Trees/Shrubs	May/June	2 day, 3 staff	60	\$6,000
			Woody Spp Control - Cut Stump	Jul - Dec	2 days, 2 staff	40	\$4,000
			Materials (plugs, trees, shrubs, etc)	NA	NA	0	\$3,000
			TOTAL:		4 days	100	\$13,000
Harding	NE 1386.H4 Japanese Knotweed Control	44	Japanese Knotweed Control - Foliar Broadcast and Spot Treatments	early August	1 day, 1 staff	10	\$1,000
			Japanese Knotweed Control - Foliar Broadcast and ReTreat	early September	1 day, 1 staff	10	\$1,000
			TOTAL:		2 days	20	\$2,000
Harding	NE 1386.H5 Garlic Mustard Control	28	Monitoring - GPS Inventory of Target Populations, Mapping, GIS Data	April	0.5 day, 1 staff	5	\$500
			Volunteer Prep - set up volunteer days, correspondence w/City, GIS mapping	April	0.5 day, 1 staff	5	\$500
			Manage Volunteer Garlic Mustard Challenge	early May	1 day, 2 staff	20	\$2,000
			NE Garlic Mustard Control	May	3 days, 2 staff	60	\$6,000
			TOTAL:		5 days	90	\$9,000
Harding	NE 1386.H6 Upland Woody Species Control	27	Woody Species Control - Cut-Stump	Jan - March	3 days, 2 staff	60	\$6,000
			Woody Species Control - Cut-Stump	Jul - Dec	3 days, 2 staff	60	\$6,000
			TOTAL:		12 days	120	\$12,000

Total Harding Labor/Materials: \$69,000

*Does not include Administrative and Project Management (Office) Costs, which are expected to cost between \$25,000 - \$30,000

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White	NE 1386.W1 Remnant Fen and Tamarack Swamp Enhancement	65	Woody Species Control - Cut-Stump	Jan - Mar	3 days, 3 staff	90	\$9,000
			Phragmites Control	late Aug/Sept	1 day, 2 staff	20	\$2,000
			Woody Species Control - Cut-Stump	Jul - Dec	1 day, 2 staff	20	\$2,000
			TOTAL:		6 days	130	\$13,000
White	NE 1386.W2 Forested Wetland Enhancement	43	Woody Species Control - Cut-Stump	Jan - Mar	3 days, 3 staff	90	\$9,000
			Woody Species Control - Cut-Stump	Jul - Dec	1 day, 2 staff	20	\$2,000
			TOTAL:		4 days	110	\$11,000
White	NE 1386.W3 Swallow Wort Control	42	Swallow Wort Control - Foliar Spot Treat	June	1 day, 1 staff	10	\$1,000
			Swallow Wort Control - Foliar Spot ReTreat	August	1 day, 1 staff	10	\$1,000
			TOTAL:		2 days	20	\$2,000
White	NE 1386.W4 Barberry Control	30	Barberry Control - Foliar Broadcast Treat	May	2 days, 2 staff	40	\$4,000
			Barberry Control - Foliar Broadcast ReTreat and/or Cut-Stump	August	1 day, 2 staff	20	\$2,000
			TOTAL:		3 days	60	\$6,000
White	NE 1386.W5 Scrub-Shrub Wetland Enhancement	26	Glossy Buckthorn Control - Cut-Stump	Jan - Mar	3 day, 2 staff	60	\$6,000
			Phragmites Control - Foliar Broadcast Treat w/ Argo	late Aug/Sept	1 day, 2 staff	20	\$2,000
			Phragmites Control - Foliar Broadcast ReTreat w/ Backpacks	late Sept/early Oct	1 day, 2 staff	20	\$2,000
			Materials - Argo, Tanks, Herbicide, etc.	NA	NA	0	\$2,000
			TOTAL:		5 days	100	\$12,000
White	NE 1386.W6 Upland Woody Species Control	25	Woody Species Control - Cut-Stump	Jan - Mar	3 days, 3 staff	60	\$6,000
			Woody Species Control - Cut-Stump	Jul - Dec	3 days, 3 staff	60	\$6,000
			TOTAL:		6 days	120	\$12,000
White	NE 1386.W7 Garlic Mustard Control	NA	Garlic Mustard Pull	May	1 day, 2 staff	20	\$2,000
			TOTAL:		1 day	20	\$2,000

Total White Labor/Materials: \$58,000

Site	Project	Prioritization Score	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Clear Creek	NE 1386.CC1 PSS and Sedge Meadow Enhancement	31	Woody Species Control - Cut-Stump	Jan - Mar	3 days, 3 staff	60	\$6,000
			Woody Species Control - Cut-Stump	Jul - Dec	3 days, 3 staff	60	\$6,000
			TOTAL:		6 days	120	\$12,000
Clear Creek	NE 1386.CC2 Phragmites Control	13	Phragmites Control (ATV/Backpacks)	September	1 day, 3 staff	30	\$3,000
			TOTAL:		1 day	30	\$3,000

Total Clear Creek Labor/Materials: \$15,000

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Cloverport	NE 1386.C1 Sediment Control and Bank Stabilization	46	Access - Woody Species Control	Jan - March	2 days, 2 staff	40	\$4,000
			Assessment and Design	April/May	1 day, 2 staff	20	\$2,000
			Sediment Control	June	3 days, 3 staff	90	\$9,000
			Post-Construction Eval. & Monitor	September	1 day, 1 staff	10	\$1,000
			Materials - jute blanket, plastic checkdams, coir logs, seed, etc.	NA	NA	NA	\$10,000
			TOTAL:	7 days	160	\$26,000	
Cloverport	NE 1386.C2 Phragmites Control	28	Phragmites Control (Backpacks)	September	1 day, 2 staff	20	\$2,000
			TOTAL:	2 days	20	\$2,000	

Total Cloverport Labor/Materials: \$28,000

Total 2017 Greenspace Labor/Materials: \$170,000

Estimated Administrative/Office and Project Mgmt Costs: \$30,000

Grand Total: \$200,000