

ADMINISTRATIVE/OFFICE & OTHER CITY-OWNED NATURAL FEATURES PROJECTS

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Administrative Costs	Project Administration and Coordination, Permitting and Reporting	N/A	TBD	TBD	\$16,500.00
Geographic Information Systems Database Management	ArcGIS online data management	N/A	TBD	TBD	\$3,800.00
Monitoring and Assessment	Quantitative monitoring framework and data collection. Completion of management plan.	N/A	TBD	TBD	NA
City-Wide Phragmites Species Control	Control of Phragmites	Sep - Oct	TBD	TBD	\$9,000.00
		TOTAL:		TBD	\$20,300.00

Estimated Admin/Office, Monitoring & Other City-Owned Natural Features Projects: **\$20,300.00**

Total 2025 Rochester Hills Parks Labor/Materials **\$40,546.14**

Total 2025 Rochester Hills Greenspace Labor/Materials: **\$245,039.21**

GRAND TOTAL w/ Parks Costs: **\$305,885.35**

GRAND TOTAL w/o Parks Costs: **\$265,339.21**

CLEAR CREEK

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - S Wet Meadow	Using backpack sprayers, apply herbicide to treat invasive herbaceous and woody species.	Summer	3 staff	30	\$2,866.60
Foliar Treatment - N Wet Meadow	Using backpack sprayers, apply herbicide to treat woody resprouts	Summer	2 staff	30	\$2,585.80
Foliar Treatment - Phragmites	Foliar application of herbicide with backpack sprayers targeting Phragmites throughout the wet meadow areas	Late Summer/Fall	3 staff	20	\$1,908.55
Foliar Treatment - Phragmites Northern Parcels	Foliar application of herbicide with backpack sprayers targeting Phragmites throughout the northern emergent marsh parcels	Late Summer/Fall	3 staff	45	\$3,666.20
Cut Stump - N Wet Meadow Expansion	Cut stump treatment of dense woody invasives within the Northern Wet Meadow of Clear Creek GS to expand further east. Estimate does not include treatment of resprouts (~2.6 acres).	Fall or Winter	6 staff	480	\$40,586.10
		TOTAL:		560	\$51,613.25

CLOVERPORT & CHILDRESS

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Retreatment - Bittersweet and Small Shrubs	Foliar application of herbicide with backpack sprayers, targeting bittersweet and small invasive shrubs.	Summer	3 Staff	30	\$2,706.80
Foliar Retreatment - Niswander Unit	Foliar application of herbicide with backpack sprayers, targeting bittersweet and small invasive shrubs which were cut in a prior year as well as lily of the valley	Summer	2 Staff	10	\$1,067.37
Foliar Retreatment - Phragmites	Foliar application of herbicide with backpack sprayers targeting phragmites within the northern floodplain of Cloverport greenspace.	Late Summer/Fall	2 Staff	10	\$1,067.37
Forestry Mowing - Bee Property	Forestry Mowing of 8.8 Acres of woodlands found throughout the Bee Property. Estimate is for one week of Forestry mowing with additional cost for hand-cutting in areas where mower can not access.	Fall or Winter	6 Staff	170	\$16,796.10
Cut Stump - Floodplain Forest	Cut stump treatment of woody invasives found throughout the floodplain forest of cloverport GS (~ 2.5 acres).	Fall or Winter	3 Staff	92	\$11,743.31
		TOTAL:		312	\$33,380.95

HARDING

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Garlic Mustard	Foliar application garlic mustard on the steep slope and in the pinested directly north of the slope. Use backpack sprayers and/or UTV- mounted tank sprayers as appropriate.	Early Spring/Fall	3 Staff	56	\$4,900.62
Foliar Treatment - Japanese Knotweed	Foliar application of herbicide to any remaining or newly-sprouted Japanese Knotweed plants present in the northwest of the property.	Late fall, after plants have flowered	2 Staff	18	\$1,555.31
Foliar Retreatment - General	Foliar application of herbicide in all areas where woody invasive species have been cut in prior years selectively targeting all non-native species whether woody or herbaceous..	Spring, Summer, Fall	4 Staff	152	\$12,967.10
Foliar Treatment - Cattail and Phragmites	Hand-wick or backpack spray to apply herbicide to cattail and phragmites present in the high-quality habitat south of the Clinton River Trail and around the Harding pond.	Late Summer/Fall	2 Staff	18	\$1,560.26

TOTAL: #REF! **\$20,983.29**

RUBY

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Garlic Mustard	Foliar application of herbicide across entire site, selectively targeting garlic mustard.	Early Spring	2 Staff	22	\$2,260.50
Foliar Treatment - General	Foliar application of herbicide across entire site, selectively targeting all non-native species whether woody or herbaceous.	Spring, Summer, Fall	4 Staff	118	\$9,783.48
Foliar Treatment - Residential and Other Herb Invasives	Foliar application of herbicide to "residential escapee" plant species requiring non-standard herbicides, and other invasive herbaceous species.	Spring, Summer, Fall	2 Staff	42	\$3,957.46
Planting - Homestead Prairie Restoration	Restoration of prairie habitat throughout the old homestead areas. This includes soil prep and straw mulch installation.	Spring or Fall	4	59	\$7,207.08

TOTAL: #REF! **\$23,208.52**

INNOVATION

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatments - Wetlands	Treat all invasive resprouts of woody and herbaceous invasive species in the wetland areas of the site. Perform twice during the growing season.	Summer, Early Fall	6 Staff	303	\$24,476.40
Foliar Treatments - Uplands	Treat invasive shrubs and herbaceous species in all uplands at Innovation greenspace.	Summer	4 Staff	63	\$4,939.80
Foliar Treatments - Garlic Mustard and Dames Rocket	Foliar application of herbicide to garlic mustard across upland area of the site.	Early Spring	4 Staff	47	\$4,544.15
Foliar Treatment - Reed Canary Grass	Foliar application to treat reed canary grass throughout the forest floodplain areas.	Early Summer	3 Staff	47	\$4,711.95
Foliar Treatments - Phragmites	Foliar application of herbicide via backpack sprayers and pump sprayers to phragmites across the entire site.	Late Summer/Fall	4 Staff	32	\$2,595.40
Foliar Treatment - Cattail and Phragmites	Foliar application of herbicide via hand wicking tools or backpack sprayers of narrow-leaf cattail and phragmites in the tamarack swamp.	Late Summer/Fall	4 Staff	83	\$2,549.90

TOTAL: 574 **\$43,817.60**

Auburn

Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Woody Resprouts	Treat woody resprouts in the area that was forestry mowed.	Summer, Fall	2 Staff	32	\$3,070.90

Foliar Treatment - Phragmites	Foliar treat phragmites in the emergent marsh utilizing an Argo and tank sprayer.	Later Summer/Fall	2 Staff	32	\$2,995.40
Planting - Understory Shrubs	Installation of 100 Shrubs throughout the southern hardwood swamp at Auburn GS. Cost estimate include shrub protection	Fall or Winter	6 Staff	27	\$5,435.60
Planting - Forest Understory Seeding	Seeding of the understory of the southern hardwood swamp located south of Auburn GS. Seeding will include installation of straw mulch.	Fall or Winter	2 Staff	15	\$4,780.73
Planting - Emergent Marsh	Install 2000 supplemental native plugs in areas to boost establishment.	Fall or Winter	3 Staff	60	\$9,827.60
Prescribed Burn - Emergent Marsh	Conduct controlled burn in the Emergent Marsh area of Auburn GS. This includes all prep and a completed burn plan prior to ignition.	Fall or Winter	2 Staff	28	\$2,929.66

TOTAL: 134 **\$29,039.89**

Avon					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Avon Prairie	Foliar application of herbicide with backpack sprayers or atv sprayers to any non-native species withing the Avon prairie.	Summer	3 Staff	56	\$5,333.20
Foliar Treatment - Forestry Mowed Areas	Foliar application of herbicide with backpack sprayers or atv sprayers to any non-native species withing the forestry mowed area at Avon nature area.	Summer	2 Staff	32	\$3,570.51
Planting - Supplemental Prairie Planting	Install 1000 supplemental native plugs in areas to boost establishment.	Fall	3 Staff	33	\$5,102.20
Planting - Forestry Mowed Area Planting	500 Supplemental plugs and 100 gallon shrubs will be installed to assist in native establishment. Cost estimate includes shrub protection	Fall	2 Staff	61	\$7,097.20
Cut Stump - Upland Woods	Manual woody cutting of woody invasive species over 4.8 Acres. Estimate is for Hand-cutting only.	Winter	5 Staff	352	\$21,892.60

TOTAL: 182 **\$42,995.71**

ROCHESTER HILLS PARKS STEWARDSHIP PROJECTS

Rochester Hills Museum					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Swale Maintenance	Maintenance of the installed swales. Maintenance will include a mixture of foliar herbicide treatments and hand weeding. Performed twice during the growing season.	Spring, Summer, Fall	2 Staff	42	\$2,962.52

TOTAL: 42 **\$2,962.52**

Innovation Hills Park					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Berms	Foliar treatment of invasive species of the berms located at Innovation Hills Park.	Summer	3 Staff	32	\$1,678.24
Planting - Berms Supplemental Planting	Installation of 750 native plugs after herbicide treatment/burn.	Spring or Fall	3 Staff	30	\$4,241.80

TOTAL: 62 **\$5,920.04**

Tienken Park					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Forestry Mowing - Unit 1	Forestry mow woody invasive species found in Unit 1 of Tienken Park. Estimate includes additional cleanup utilizing Chainsaws/brushcutters and mowing of brush piles.	Fall or Winter	3 Staff	74	\$12,636.90

Foliar Treatment - Unit 3	Treat woody resprouts in the area that was forestry mowed.	Summer	3 Staff	94	\$3,207.55
			TOTAL:	167	\$15,844.45

City Hall					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Foliar Treatment - Teasel	Foliar Treatment of Teasel in the planted bed located in the parking lot of Rochester Hill's City Hall	Fall	2 Staff	42	\$902.27
			TOTAL:	42	\$902.27

Borden Park					
Management Task	Work to be Performed	Time of Year	Estimated Labor	Estimated Man Hours	Estimated Budget
Borden Park - Woody Work	Woody cutting of woody invasive species. Cost estimate is for one day of work Estimate includes use of a Forestry Mower for a day and hand cutting	Fall	4 Staff	42	\$5,916.86
			TOTAL:	42	\$5,916.86