



Parks & Public Works Committee Agenda Item Report

FROM: Scott Herbert – Public Works Superintendent

MEETING DATE: September 23, 2025

SUBJECT: Mt. Baldhead/Saugatuck Harbor Natural Area Invasive Species and Revegetation

DESCRIPTION:

At the City Council's 2025 Strategic Planning session held in January, City Council prioritized revegetation the Mt. Baldhead slope in areas where herbicide applications killed foliage and left bare spots on the dune when treating Asian Bittersweet.

Parks & Public Works Committee members and City staff have solicited contractor quotes for consultation and service proposals for Mt. Baldhead and the Saugatuck Harbor Natural Area.

The Kalamazoo Nature Center, Outdoor Discovery Center, and PLM Lake and Management Corp were contacted to assist with this project, however, only the Kalamazoo Nature Center and Outdoor Discovery Center have provided quotes so far.

Enclosed is the information provided by both entities for review and discussion.

BUDGET ACTION REQUIRED:

N/A

COMMITTEE/COMMISSION REVIEW:

N/A

LEGAL REVIEW:

N/A

SAMPLE MOTION:

Discussion only.

PROPOSAL FOR CONSERVATION SERVICES



This proposal was created for:

City of Saugatuck – Mount Baldhead Park
Mt Baldhead Park Trail, Saugatuck, MI 49453

General Background and Scope of Work:

The purpose of this proposal is to restore ecological health at Mount Baldhead through targeted invasive species management and the replanting of native dune vegetation. Previous control efforts done by a separate contractor inadvertently caused mortality to significant canopy cover and reduced dune stabilization, creating openings now dominated by invasive plants. Following a recent survey of the site, our team recommends the following management and replanting plan for 2026:

1. Invasive Species Management (see Appendix A for map)

- Several highly invasive species are present that threaten the integrity of the dune habitat, including: garlic mustard, multiflora rose, Asian bittersweet, Japanese barberry, tree-of-heaven, phragmites, and black locust.
- Our management approach will prioritize **safe and targeted** control methods that avoid unnecessary herbicide use and prevent damage to surrounding vegetation. Hand pulling will be implemented where practical, while cut-stump treatments will be used to ensure precise and minimal herbicide applications. When foliar applications are necessary, they will be applied selectively and with safeguards to prevent off-target impacts.
- Includes procurement of all necessary permitting to apply herbicides through EGLE and MDARD.
 - **Note:** Many of the invasive species listed above typically require sustained and repeated management to successfully control. Effective treatment generally requires repeated management efforts over a period of multiple years to achieve meaningful reduction or eradication. Our team will continue to monitor the population annually and will provide updated pricing and management recommendations each year. The allows for adaptive management strategies based on observed changes in site conditions and treatment efficacy year-to-year.

2. Dune Revegetation

- Large areas of exposed soil across the dune north of the stairway currently face high risks of erosion and rapid recolonization by adjacent invasive species. To stabilize these areas, prevent further invasive spread, and enhance both habitat quality and aesthetics, we propose installing a diverse mix of native trees, shrubs, grasses, and forbs in the vacant space.
- Species selection will highlight erosion control, drought tolerance, and deer resistance, recognizing the heavy browsing pressure present at this site. Plantings will be matched to each micro-site's soil and sunlight conditions to maximize survival rates and ecological value.
 - **Trees:** Red Pine (*Pinus resinosa*), White Pine (*Pinus strobus*), Oak (*Quercus spp.*), Bladdernut (*Staphylea trifolia*), Serviceberry (*Amelanchier spp.*), etc.
 - **Shrubs:** Witch Hazel (*Hamamelis virginiana*), Bearberry (*Arctostaphylos uva-ursi*), Sand Cherry (*Prunus pumila*), Ninebark (*Physocarpus opulifolius*), Red-osier Dogwood (*Cornus sericea*), Beach Heath (*Hudsonia tomentosa*), Blueleaf Willow (*Salix myricoides*), Sweet Fern (*Comptonia peregrina*), etc.
 - **Forbs/graminoids:** Canada Wild Rye (*Elymus canadensis*), Bottlebrush Grass (*Elymus hystrix*), Little Bluestem (*Schizachyrium scoparium*), Beach Grass (*Ammophila breviligulata*), Sand Reed (*Calamovilfa longifolia*), Penn Sedge (*Carex pensylvanica*), Columbine (*Aquilegia canadensis*), Hairy Puccoon (*Lithospermum carolinense*), Dotted Mint (*Monarda punctata*), Flowering Spurge (*Euphorbia corollata*), etc.
 - **500** total plants will be installed throughout the unit (bare-root, 1 gallon, and 4" plug size)

INITIAL_____

Project Timeline:

- Invasive species management ongoing during the 2026 growing season
- Dune planting in early fall of 2026

Project Budget:

- **Invasive Species Management in 2026 - \$10,000** (billed in June 2026) ☐
- **Dune Revegetation (500 plants) - \$7,500** (billed following planting in Fall 2026) ☐

***PLEASE CHECK THE APPROPRIATE BOXES ABOVE TO INDICATE ACCEPTED SERVICES**

Note: *This proposal accounts for pricing of all labor, materials, and equipment necessary in order to perform the outlined invasive species management plan. If additional work is required beyond the scope of this proposal, we will provide written notification and pricing will be determined on a time and materials basis.*

Exclusions: This proposal does not account for:

- Installation of temporary wildlife exclusion fencing.
- Installation or management of irrigation features.
- Removal of standing dead plant material following invasive species control measures.
- Replacement of damaged lawn, landscape plants, trees or shrubs as a result of nearby invasive species control measures.
- Replanting of native vegetation following invasive species control measures (unless otherwise stated on the proposal).

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Qualifications:

ODC Conservation Services staff are highly qualified conservation professionals.

- ODC Network, and its subsidiaries, is a fully insured 501c3 and carries an extensive liability policy to conduct habitat improvement services in Michigan
- State licensed herbicide applicators with certifications in Forest Pest, Right-of-Way, and Aquatic pesticide application
- Combined 25+ years experience in invasive species management
- Successfully restored over 250 acres of native prairie
- Successfully installed over 25 native gardens and landscape beds
- Manage 2,000+ acres of high quality natural area
- Experienced Michigan flora and fauna identification
- Advanced wetland delineation certification
- Experienced GIS professionals

We appreciate the opportunity to submit this proposal. We look forward to discussing the opportunity further with you. Please do not hesitate to ask questions or clarifications. If you choose to accept this proposal, please sign and return a copy.



Tanner Bricker, Conservation Services Director
ODC Network
517-398-7800

If you wish to accept this proposal, please initial each page, as well as sign and date below:

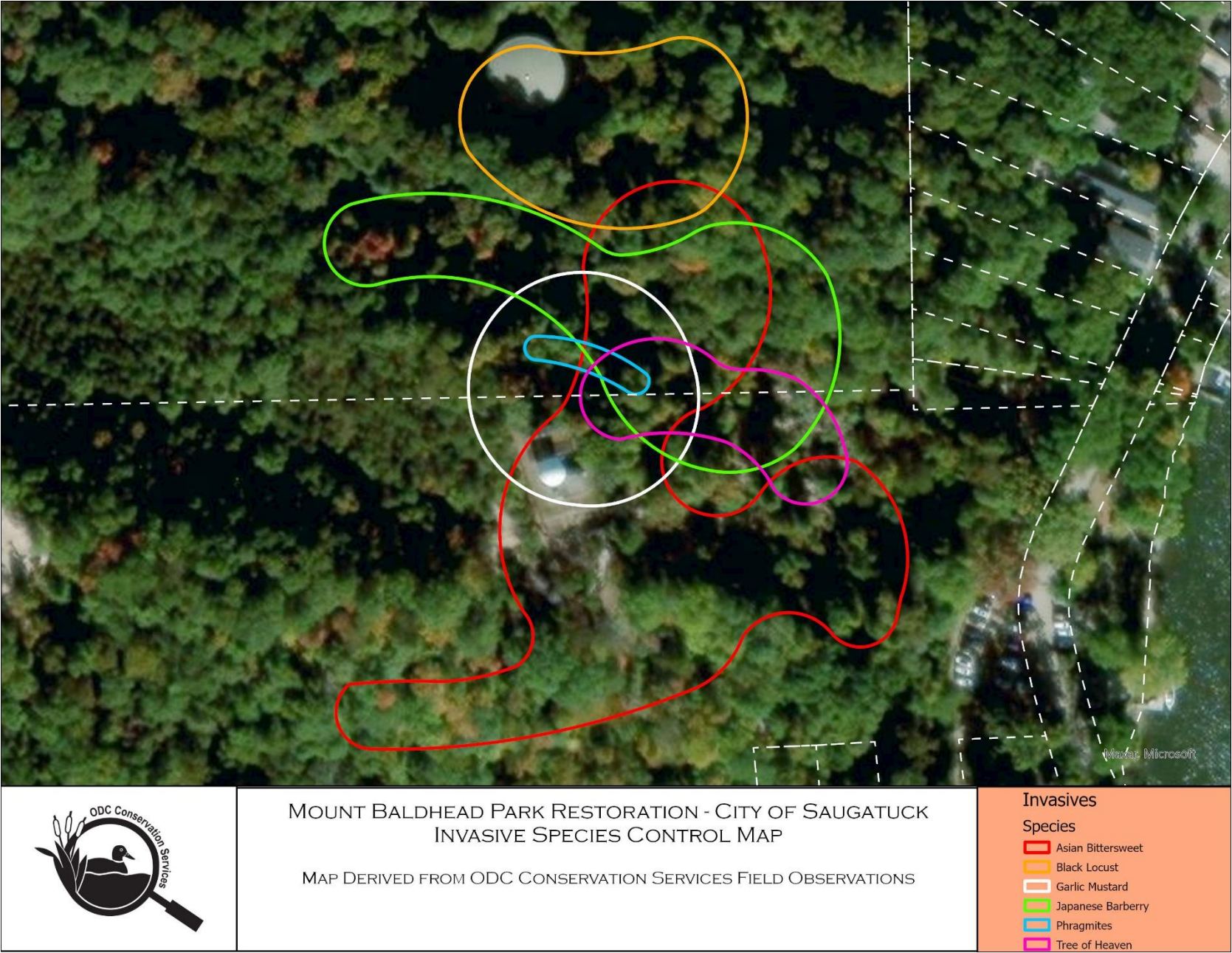
Signature of Authorized Property Owner/Manager

Date



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Appendix A: Map of Surveyed Invasive Species



MOUNT BALDHEAD PARK RESTORATION - CITY OF SAUGATUCK
INVASIVE SPECIES CONTROL MAP

MAP DERIVED FROM ODC CONSERVATION SERVICES FIELD OBSERVATIONS

INITIAL _____

PROPOSAL FOR CONSERVATION SERVICES



This proposal was created for:

City of Saugatuck - Saugatuck Harbor Natural Area
Oval Dr, Saugatuck, MI 49453

General Background and Scope of Work:

The purpose of this proposal is to address ecological improvement opportunities on the 173-acre Saugatuck Harbor Natural Area property. The property is facing substantial pressure from several invasive species, as well as unmarked trails causing damage to sensitive plant communities. To protect the sensitive habitats on the site and to ensure long-term ecological health, our team recommends the following plan in 2026 and beyond:

1. Invasive Species Management

- Woody invasive species: Japanese Barberry (*Berberis thunbergii*) and European Privet (*Ligustrum vulgare*) are fast-growing invasive shrubs that displace native plants in the wooded areas of the property.
 - Smaller plants will be handpulled, while larger plants will be carefully treated with targeted foliar applications of *Triclopyr* herbicide in **Summer of 2026**.
- Phragmites (*Phragmites australis*) is a common wetland invasive that forms dense monocultures in wetland habitats; including the sensitive interdunal wetlands on the property.
 - Carefully targeted foliar herbicide applications will be conducted with 2% *Aquaneat* herbicide in **Fall of 2026**.
- Spotted Knapweed (*Centaurea stoebe*) is a highly aggressive forb with allelopathic tendencies that quickly overtakes sandy habitats and displaces native vegetation.
 - Hand pulling will be done in areas where off-target impacts are a concern, while foliar applications will be conducted with foliar applications in **Summer of 2026**.
- Includes procurement of all necessary permitting to apply herbicides through EGLE and MDARD.
 - **Note:** Many of the observed invasive species above generally require repeated management efforts over a period of at least 5-7 years to achieve meaningful reduction or eradication. Our team will continue to monitor the population(s) annually and will provide updated pricing and management recommendations each year. The allows for adaptive management strategies based on observed changes in site conditions and treatment efficacy year-to-year.

2. Trail Assessment

- Conduct general survey of the entire property to outline the ideal footprint for the trail system.
 - Deliverables will include a map of recommended trail routes, trails to be decommissioned, alternative routes to avoid impacting sensitive plant communities, and recommendations for interpretive and/or other non-permanent trail signage.
 - The trail assessment will be conducted in **Spring 2026**, with a concise digital report of our recommendations provided by **June 15, 2026**.
- ODC Network's Interpretation team is available to assist with the detailed design and production of interpretive signage upon request.

3. Ecological Evaluation

- In order to assess the current ecological health of the property, our team will identify each distinct natural community observed on the property and outline the following criteria for each:
 - General ecological site description and inventory of natural features.
 - Description of each natural community including:
 - Landscape context and natural processes.

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- General inventory and distribution of native plant communities including the canopy, understory, and forb/graminoid layers (including calculation of overall floristic quality index).
- Documentation of high-quality native plant species (with coefficient of conservatism rankings between 6-10).
- Documentation of both observed and potential wildlife including: state threatened (T), endangered (E), and species of special concern (SC).
- Documentation of invasive species, pests, and potential ecological threats.
- Identification of potential ecological restoration and outdoor education opportunities.
- The ecological evaluation process will help create a framework of the natural communities on the property for preservation, restoration, and management to help guide future management and land-use decisions on the property.
 - Target date for field survey: **April-August 2026**
- Following completion of the evaluation, we will create a digital report summarizing the results.
 - Target date for report submission: **September 15, 2026**

4. Annual Invasive Species Survey

- Conduct annual survey to provide early detection of any new invasive species or expansion of existing populations that could threaten the high-quality natural areas on the site.
 - Deliverables will include a concise report with updated maps documenting the location(s) and spread of invasive species, as well as new concerns to look out for.
 - Surveys will be conducted mid-summer to optimize plant identification and reports will be digitally submitted by **August 15, annually**.

Project Timeline:

- Invasive species management ongoing throughout the 2026 growing season
- Trail assessment conducted in spring of 2026, report submitted by June 15, 2026
- Ecological evaluation conducted between April-August, report submitted by September 15, 2026
- Invasive species survey conducted between May-July 2027, report submitted by August 15, 2027

Project Budget:

- **Invasive Species Management in 2026 - \$20,000** (billed in July 2026) ☐
- **Trail Assessment - \$5,000** (billed in June 2026) ☐
- **Ecological Evaluation - \$10,000** (billed in June 2026) ☐
- **Annual Invasive Species Survey** (starting in 2027) - **\$3,500** (billed in August 2027) ☐

***PLEASE CHECK THE APPROPRIATE BOXES ABOVE TO INDICATE ACCEPTED SERVICES**

Note: This proposal accounts for pricing of all labor, materials, and equipment necessary in order to perform the outlined work plan. If additional work is required beyond the scope of this proposal, we will provide written notification and pricing will be determined on a time and materials basis.

Exclusions: This proposal does not account for:

- Installation or maintenance of new trail systems.
- Removal of standing dead plant material following invasive species control measures.
- Replacement of damaged lawn, landscape plants, trees or shrubs as a result of nearby invasive species control measures.
- Reseeding of native vegetation following invasive species control measures.

We are happy to provide a quote for ongoing trail maintenance and/or replanting of native vegetation following invasive species control measures per request.

INITIAL_____

Qualifications:

ODC Conservation Services staff are highly qualified conservation professionals.

- ODC Network, and its subsidiaries, is a fully insured 501c3 and carries an extensive liability policy to conduct habitat improvement services in Michigan
- State licensed herbicide applicators with certifications in Forest Pest, Right-of-Way, and Aquatic pesticide application
- Combined 25+ years experience in invasive species management
- Successfully restored over 250 acres of native prairie
- Successfully installed over 25 native gardens and landscape beds
- Manage 2,000+ acres of high quality natural area
- Experienced Michigan flora and fauna identification
- Advanced wetland delineation certification
- Experienced GIS professionals

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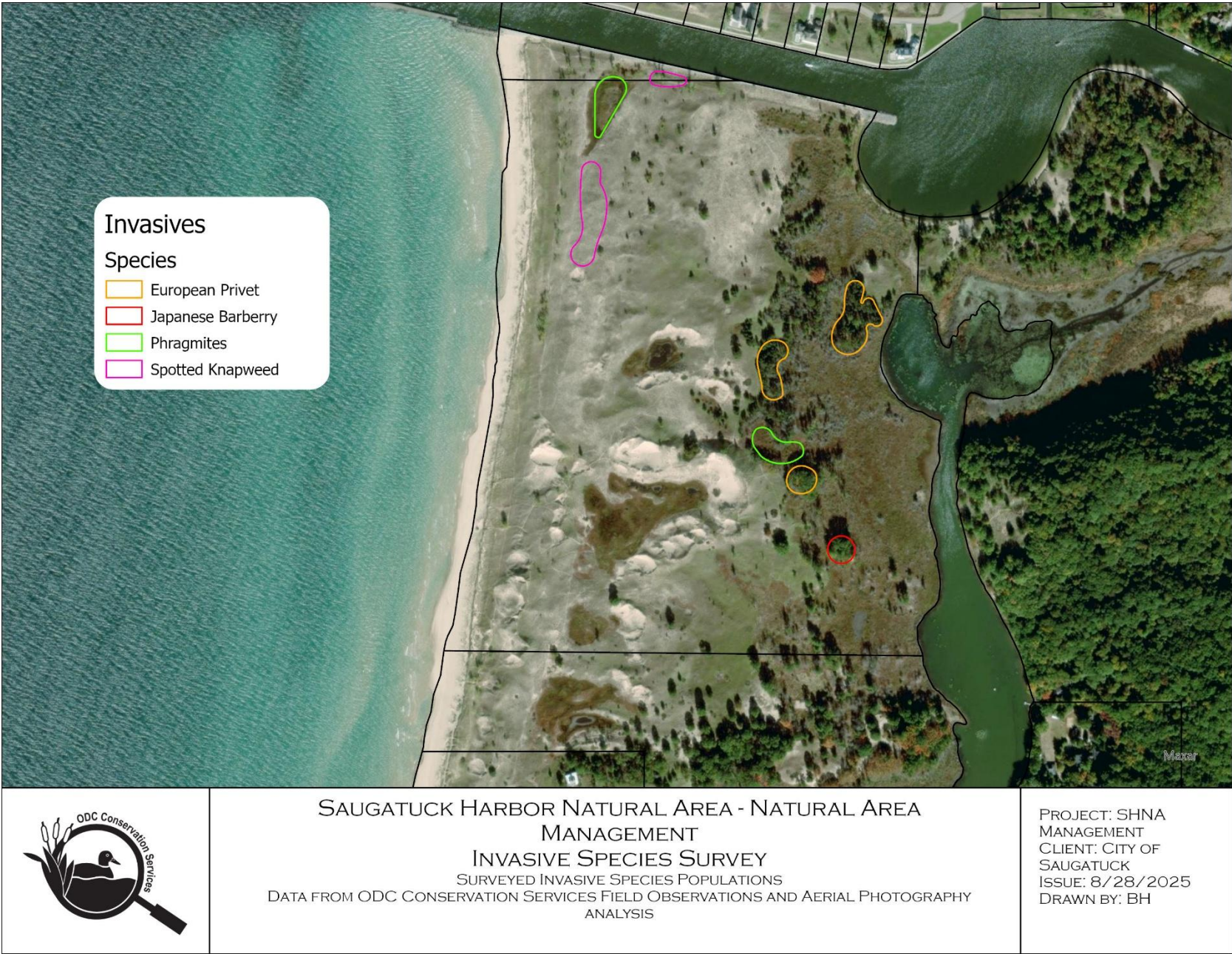
Signature of Authorized Property Owner/Manager

Date



INITIAL _____

Appendix A: Map of Invasive Species Treatment Area(s)



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Mount
Baldhead
794 ft

CITY OF SAUGATUCK

KUBOTA
ELIZABETH
LIVING
TRUST

Park St

Stair Climb from HELL



Mount Baldhead
Park

CITY OF
SAUGATUCK

SOLBERY
SCOTT-C

GALLAS
NICKI

Yellow Trl



Kalamazoo Nature Center
7000 N. Westnedge Avenue
Kalamazoo, MI 49009
Ecological Services
269-978-6872
ecoservices@naturecenter.org

PROJECT WORK PLAN AND ESTIMATE FOR

City of Saugatuck
Scott Herbert
102 Butler St. P.O. 86
Saugatuck MI, 49453
(616)886-8408

Date: 9/2/2025

TOTAL ESTIMATE

\$10,107.00

scott@saugatuckcity.com

Client Name	Project Description	Project #	Estimate good for
City of Saugatuck	Invasive Species Management at Mt. Baldhead Backdune	26001 A	90 days

Day	Description	Qty	Units	Cost	Line Total
	Herbicide and Equipment	3	days	\$ 60.00	\$ 180.00
	Labor: Project Lead	25.5	hours	\$ 75.00	\$ 1,912.50
	Labor: Supporting Crew of 4	102	hours	\$ 65.00	\$ 6,630.00
	Mileage: Truck + Trailer	306	miles	\$ 2.00	\$ 612.00
	Project Management (3hr/day)	9.00	hours	\$ 75.00	\$ 675.00
	Administrative (1.5hr/mth)	1.5	hours	\$ 65.00	\$ 97.50

Site Lead: Luke Allison/Kyle Martin
Site Address: Mt. Baldhead - 769 Park Street Saugatuck, MI 49453
Service Description: 3 days of invasive species management on the east facing back dune habitat of Mt. Baldy. KNC staff will perform foliar treatment of smaller invasive species such as Jap. Barberry. For larger species such as Tree of Heaven, Privet, and Bittersweet stem injection techniques will be utilized to minimize any off target impacts and soil drift.
Area (acres): 3.25
of Workers: 5
of Work Days: 3

Labor	\$ 9,315.00
Mileage	\$ 612.00
Equipment	\$ 180.00
Supplies	\$ -
SUBTOTAL	\$ 10,107.00

GRAND TOTAL \$ 10,107.00

This is an estimate, actual invoices will be based on specific costs and quantities of materials purchased and actual labor time spent on the project.

View Full Terms and Conditions in the Client Agreement. The Project must be accepted by signing the Client Agreement before work can begin.

For questions regarding this estimate or to set a work schedule, please contact

Proceeds from our client services ensure the sustainability of KNC's longstanding bird observatory, programs that engage the community in wildlife research, and the



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7000 N. Westnedge Avenue
Kalamazoo, MI 49009
Ecological Services
269-978-6872
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PROJECT WORK PLAN AND ESTIMATE FOR

City of Saugatuck
Scott Herbert
102 Butler St. P.O. 86
Saugatuck MI, 49453
(616)886-8408

Date: 9/2/2025

TOTAL ESTIMATE

\$4,737.50

scott@saugatuckcity.com

Client Name	Project Description	Project #	Estimate good for
City of Saugatuck	Invasive Species Survey + Mapping of SHNA	26001 B	90 days

Day	Description	Qty	Units	Cost	Line Total
	Invasive Species Survey (2 staff/2 days)	16	hours	\$ 165.00	\$ 2,640.00
	Mileage: Truck	220	miles	\$ 2.00	\$ 440.00
	Survey data inventory and reporting time	12	hours	\$ 95.00	\$ 1,140.00
	Mapping time	6	hours	\$ 70.00	\$ 420.00
					\$ -
					\$ -
	Administrative	1.5	hours	\$ 65.00	\$ 97.50

Site Lead: Luke Allison
Site Address: Saugatuck Harbor Natural Area Perryman St. Saugatuck MI
Service Description: 2 survey days of Saugatuck Harbor Natural Area, locating, quantifying, reporting, and mapping of invasive species on property to better understand habitat needs. Reporting and mapping of invasive species and establishing management units will help in prioritizing and understanding future management needs.
Area (acres): 171
of Workers: 2
of Work Days: 2+

Labor	\$ 4,297.50
Mileage	\$ 440.00
Equipment	\$ -
Supplies	\$ -
SUBTOTAL	\$ 4,737.50

GRAND TOTAL	\$ 4,737.50
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Thank you for trusting us with your habitat. By choosing KNC's Ecological Services, you support the broader conservation work of the Kalamazoo Nature Center. Proceeds from our client services ensure the sustainability of KNC's longstanding bird observatory, programs that engage the community in wildlife research, and the stewardship of over 1,500 acres of natural areas. To learn more, please visit naturecenter.org/conservation.



Kalamazoo Nature Center
7000 N. Westnedge Avenue
Kalamazoo, MI 49009
Ecological Services
269-978-6872
ecoservices@naturecenter.org

PROJECT WORK PLAN AND ESTIMATE FOR

City of Saugatuck
Scott Herbert
102 Butler St. P.O. 86
Saugatuck MI, 49453
(616)886-8408

Date: 9/2/2025

TOTAL ESTIMATE

\$23,514.50

scott@saugatuckcity.com

Client Name	Project Description	Project #	Estimate good for
City of Saugatuck	Revegetation of Mt. Baldhead Backdune	26001 C	90 days

Day	Description	Qty	Units	Cost	Line Total
	Equipment: Planting tools	3	days	\$ 60.00	\$ 180.00
	Labor: Project Lead	28.5	hours	\$ 75.00	\$ 2,137.50
	Labor: Supporting Crew of 5	142.5	hours	\$ 65.00	\$ 9,262.50
	Mileage: Truck + Trailer	306	miles	\$ 2.00	\$ 612.00
	Supplies: Dune grass sprigs	20000	sprigs	\$ 0.35	\$ 7,000.00
	Supplies: Bare root trees/shrubs + tree guards	150	seedlings	\$ 8.00	\$ 1,200.00
	Supplies: Custom backdune seed - Native Connections	31	lbs	\$ 1,400.00	\$ 1,400.00
	Supply Pickup/handling & transport			\$ 500.00	\$ 500.00
	Project Management	15.00	hours	\$ 75.00	\$ 1,125.00
	Administrative	1.5	hours	\$ 65.00	\$ 97.50

Site Lead: Luke Allison
Site Address: Mt. Baldhead - 769 Park Street, Saugatuck MI, 49453
Service Description: KNC staff to purchase, transport, and plant dunegrass, bare root seedlings, and seed to revegetate the backdune face of Mt. Baldhead.
Area (acres): 1.5
of Workers: 6
of Work Days: 3

Labor	\$ 13,122.50
Mileage	\$ 612.00
Equipment	\$ 180.00
Supplies	\$ 9,600.00
SUBTOTAL	\$ 23,514.50

GRAND TOTAL	\$ 23,514.50
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For questions regarding this estimate or to set a work schedule, please contact

Proceeds from our client services ensure the sustainability of KNC's longstanding bird observatory, programs that engage the community in wildlife research, and the

Trail Type

- Official - Used
- Official - Unused
- Social
- SHNA Boundary



KNC-Mt Baldy, Saugatuck-SMW-2025
Dune Seed Mix Summary
8/28/2025

											Hydrology					Shade Tolerance			Soil Type							
						% by native		Wetland		Conserv.	Dry	Dry-mesic	Mesic	Wet-mesic	Wet	Emergent	Full Sun	Part	Shade	Clay	Loam	Sand	Muck	Legume	Height (ft)	Color
Graminoids - Scientific Name	Common Name	PLS Oz/A	Total PLS Oz	Seeds per sq. ft.	% by weight	seeds	C-Value	Code	Status																	
<i>Calamovilfa longifolia</i>	Sand Reed Grass	4.00	8.000	0.83	4.35%	1.34%	10	UPL	-	X	-	-	-	-	-	X	-	-	-	-	-	S	-	-	3-6'	g
<i>Elymus canadensis</i>	Canada Wild Rye	32.00	64.000	3.82	34.78%	6.19%	5	FACU	-	X	X	X	-	-	-	X	X	-	C	L	S	-	-	-	5'	g
<i>Elymus hystrix</i>	Bottlebrush Grass	12.00	24.000	2.09	13.04%	3.39%	5	FACU	-	X	X	X	-	-	-	-	X	X	-	L	S	-	-	-	3'	g
<i>Koeleria cristata</i> (K. macrantha, pyramidata)	June Grass	4.00	8.000	18.37	4.35%	29.77%	9	UPL	-	X	X	-	-	-	-	X	X	-	-	L	S	-	-	-	2'	g
<i>Panicum virgatum</i>	Switchgrass	4.00	8.000	1.29	4.35%	2.08%	4	FAC	-	X	X	X	X	-	-	X	-	-	C	L	S	M	-	-	4'	g
<i>Schizachyrium scoparium</i>	Little Bluestem	8.00	16.000	2.75	8.70%	4.46%	5	FACU	-	X	X	X	-	-	-	X	-	-	-	L	S	-	-	-	3-4'	g

Herbaceous Forbs - Scientific Name

<i>Anemone cylindrica</i>	Thimbleweed	2.00	4.000	1.19	2.17%	1.93%	6	UPL	-		X	X	X	-	-	-	X	X	-	-	L	S	-	-	2'	wht
<i>Anemone virginiana</i>	Tall Thimbleweed	2.00	4.000	1.29	2.17%	2.08%	3	FACU	-		X	X	X	-	-	-	X	X	-	-	L	S	-	-	3'	wht
<i>Aquilegia canadensis</i>	Wild Columbine	3.00	6.000	2.62	3.26%	4.24%	5	FACU	-		X	X	X	-	-	-	X	X	-	-	L	S	-	-	2'	red
<i>Asclepias syriaca</i>	Common Milkweed	4.00	8.000	0.37	4.35%	0.60%	1	UPL	-		X	X	X	X	-	-	X	X	-	C	L	S	M	-	3'	pur
<i>Coreopsis lanceolata</i>	Lance-leaf Coreopsis	8.00	16.000	3.67	8.70%	5.95%	8	FACU	-		X	X	-	-	-	-	X	-	-	-	L	S	-	-	2'	yel
<i>Monarda punctata</i>	Horsemint	2.00	4.000	4.13	2.17%	6.70%	4	UPL	-		X	-	-	-	-	-	X	-	-	-	-	S	-	-	2'	pur
<i>Oenothera biennis</i>	Common Evening Primrose	6.00	12.000	12.40	6.52%	20.09%	2	FACU	-		X	X	X	X	-	-	X	X	-	C	L	S	M	-	6'	yel
<i>Solidago nemoralis</i>	Old-field Goldenrod	1.00	2.000	6.89	1.09%	11.16%	2	UPL	-		X	X	-	-	-	-	X	-	-	-	L	S	-	-	2'	yel
Forbs Oz per Acre		28.00																								
Forbs Lbs per Acre		1.75																								
				Forbs sds/sq ft	32.55	30.43%																				
				Total	52.76%																					

Woody Shrubs, Vines - Scientific Name

Woodies Oz per Acre	0.00	Woodies sds/sq ft	0.00	Total	0.00%	Total	0.00%
Woodies Lbs per Acre	0.00						

Annuals, Temp Nurse Crop, etc.	Common Name	Bulk Oz/A	Bulk LBs	Temp Seeds per sq. ft.
<i>Avena sativa</i>	Seed Oats	400.00	50.000	9.18
Temp Oz per Acre		400.00		Temp sds/sq ft
Temp Lbs per Acre		25.00		9.18

Total PLS Lbs/Acre 'Natives'	5.75
Total Lbs/Acre 'ALL'	30.75

Total Acres	2.00
Total PLS Lbs 'Natives'	11.50
Total PLS Lbs 'ALL'	61.50

# of Native Grass Species	6
# of Native Forb Species	8
# of Native Woody Species	0
# of Temp Species	1

Mix 'Natives'	weight (lbs)	seeds/sq ft	Avg C
Total per acre	5.75	61.70	4.93
% Forbs	30.43%	52.76%	FQI
% Woodies	0.00%	0.00%	18.44
% Grasses	69.57%	47.24%	

Mix 'ALL'	weight (lbs)	seeds/sq ft
Total per acre	30.75	70.88
% Forb Spp	5.69%	45.93%
% Woodies	0.00%	0.00%
% Grass Spp	13.01%	41.12%
% Temp Spp	81.30%	12.96%



Native Connections
3815 N Westnedge Ave
Kalamazoo, MI 49004
www.nativeconnections.net

NOTE: Species availability not guaranteed. Substitutions may be required. All species to be adjusted to 100% PLS (Pure Live Seed) as noted.

NOTE:

