

# Detroit River-Western Lake Erie Cooperative Weed Management Area 2025 Annual Report – 2026 Operating Plan



*Photo 1. A green prairie with a forest in the background. Detroit River International Wildlife Refuge's Burke Tract. Credit: Kaitlyn Chisholm/DR-WLE CWMA*

## **Membership**

Alliance of Downriver Watersheds  
Arboretum Detroit  
Bay Creek Hunt Club  
City of Monroe  
DTE Energy  
Eastern Michigan University  
Friends of the Rouge  
Huron Clinton Metropolitan Authority,  
    Lake Erie Metropark  
International Wildlife Refuge Alliance  
MI Department of Natural Resources Wildlife Division,  
    Pointe Mouillee, Pointe aux Peaux, and Erie State Game  
Areas

Monroe Conservation District  
Monroe County Road Commission  
National Park Service,  
    River Raisin National Battlefield Park  
Saint Therese IHM Senior Living  
The Nature Conservancy, Michigan  
U.S. Fish and Wildlife Service,  
    Detroit River International Wildlife Refuge  
Wayne County Parks,  
    Crosswinds Marsh and Refuge Gateway  
Wyandot of Anderdon Nation

## Background

The 18 member Detroit River-Western Lake Erie Cooperative Weed Management Area (DR-WLE CWMA or CWMA) collaborates on “preventing the establishment and spread of plant species that are both non-native (not present on an evolutionary time-scale) and invasive (significantly reduce conservation values)...” The CWMA emphasizes detection, inventory, and monitoring; information exchange between members to prevent new invasive species from establishing; and active engagement in invasive species removal.

The DR-WLE CWMA manages current and emerging invasive plant species by using species-specific best management practices. In 2025, a three-category watch list for determining management actions was restructured to prioritize species relevant within the CWMA service area: Priority) species with treatment potential which are already in our service area; EDRR) species we look for but aren’t yet in our service area, these species are moved to highest priority if found in a given season; and Additional) species we take presence data for but are either widespread and/or not feasibly treatable by CWMA staff. This new system shifts the data focus towards species with treatment feasibility by CWMA staff, maximizing treatment capabilities in the face of time constraints. (**Table 1**).

**Table 1:** Species included in the three category invasive species management prioritization based on known invasive species in 2025.

Priority Species		EDRR Species	
Amur honeysuckle	<i>Lonicera maackii</i>	Black swallow-wort	<i>Vincetoxicum nigrum</i>
Autumn olive	<i>Elaeagnus umbellata</i>	Carolina fanwort	<i>Cabomba caroliniana</i>
Black alder	<i>Alnus glutinosa</i>	Cinnamon vine	<i>Dioscorea polystachya</i>
Common buckthorn	<i>Rhamnus cathartica</i>	Common water hyacinth	<i>Eichhornia crassipes</i>
Common privet	<i>Ligustrum vulgare</i>	European watercress	<i>Marsilea quadrifolia</i>
Cut leaf teasel	<i>Dipsacus laciniatus</i>	Hydrilla	<i>Hydrilla verticillata</i>
Dame’s rocket	<i>Hesperis matronalis</i>	Kudzu	<i>Pueraria montana</i>
European frog-bit	<i>Hydrocharis morsus-ranae</i>	Lesser celandine	<i>Ficaria verna</i>
Garlic mustard	<i>Alliaria petiolata</i>	Mile-a-minute weed	<i>Persicaria perfoliata</i>
Giant knotweed	<i>Reynoutria sachalinensis</i>	Pale swallow-wort	<i>Vincetoxicum rossicum</i>
Glossy buckthorn	<i>Frangula alnus</i>	Parrot feather watermilfoil	<i>Myriophyllum aquaticum</i>
Gold-and-silver honeysuckle	<i>Lonicera japonica</i>	Purple jewelweed	<i>Impatiens glandulifera</i>
Itadori knotweed	<i>Reynoutria japonica</i>	Starry stonewort	<i>Nitellopsis obtusa</i>
Multiflora rose	<i>Rosa multiflora</i>	Stiltgrass	<i>Microstegium vimineum</i>
Phragmites (Common reed)	<i>Phragmites australis</i>	Water lettuce	<i>Pistia stratiotes</i>
Red barberry	<i>Berberis thunbergii</i>	Yellow floating heart	<i>Nymphoides peltata</i>
Roundleaf bittersweet	<i>Celastrus orbiculatus</i>		
Tatarian honeysuckle	<i>Lonicera tatarica</i>		
Wild teasel	<i>Dipsacus fullonum</i>		
Additional Species			
Black locust	<i>Robinia pseudoacacia</i>	Purple loosestrife	<i>Lythrum salicaria</i>
Creeping thistle	<i>Cirsium arvense</i>	Spiked watermilfoil	<i>Myriophyllum spicatum</i>
Curly leaf pondweed	<i>Potamogeton crispus</i>	Spotted knapweed	<i>Centaurea stoebe</i>
Floating primrose-willow	<i>Ludwigia peoploides</i>	Tree-of-heaven	<i>Ailanthus altissima</i>
Flowering rush	<i>Butomus umbellatus</i>	White poplar	<i>Populus alba</i>

## **Year Summary**

In 2025 the Detroit River-Western Lake Erie Cooperative Weed Management Area welcomed numerous changes which included multiple new faces. At the beginning of the year, Benjamin Frey, Coastal Program Biologist with the U.S. Fish and Wildlife Service (USFWS) for the Lake St. Clair & Western Lake Erie focus areas, began as the new Chair. Coordinator Jess and Strike Team Leader Kaitlyn are excited to have a new member of the team who is so dedicated to habitat restoration in the CWMA service area.

During the early months of the year, the cooperatively managed Marsh Master was sent to a Coast Machinery recommended maintenance mechanic in Grandville, Michigan for a few minor, but necessary repairs and an overall inspection. Upon its return, the Marsh Master ran smoothly and made possible a successful field season of Phragmites (*Phragmites australis*) treatment. In February, Jess finished the CWMA's first strategic plan, which documents the goals, methods, and structure of the organization through 2030. Just in time for Spring surveys to begin, Jess and Kaitlyn updated the invasive species survey protocols and restructured the watch list with 13 additional species.

Beginning in late June, Jess and Kaitlyn also welcomed seasonal technicians Gia Minni and Liam Sullivan, whose terms ended the first week of December. Gia and Liam played a pivotal role in the success of this year's field season. Their willingness to be flexible and stay the course during a turbulent time allowed the strike team to make the most of their abruptly reduced resources throughout October and the beginning of November. At the end of the field season, the DR-WLE CWMA was happy to be able to offer Liam a part-time extension through the winter. Liam will be helping the team to catch up on administrative duties as well as get ahead on some of their 2026 goals.

## **Grants & Permits**

In 2025, the DR-WLE CWMA operated under the Michigan DNR's 2023 and 2024 Michigan Invasive Species Grant Program, and the United States Forest Service Great Lakes Restoration Initiative Cooperative Weed Management Grant. The 2025 Michigan DNR's Michigan Invasive Species Grant Program, as well as the competitive portion of this grant was applied for and is awaiting response. Should we receive this grant, the funding will support the coordinator and strike team leader positions in 2026, and the competitive portion will fund a CWMA crayfish sampling project in Wayne County.

All required permit applications were completed, submitted, and granted by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) prior to the commencement of field operations.

## **Training**

Throughout the year, CWMA staff attended workshops, webinars, conferences, and trainings (**Table 2**) to keep their knowledge of best management practices up to date and learn about new advancements in the invasive species field. Most notable of these opportunities was a crayfish training, in which CWMA staff learned about native and non-native crayfish in Michigan, sampling techniques, and received field sampling practice. The CWMA anticipates using these skills next field season.

**Table 2:** Full list of invasive species related conferences, summits, webinars, workshops, and trainings attended from January to December 2025.

<b>Event Name</b>	<b>Type</b>	<b>Date Held</b>
MSU Extension's Intro to Lakes Course	Online Course	1/21/25-3/11/25
Invasive Species Centre's 2025 Annual Invasive Species Forum	Virtual Forum	2/18-20/25
NAISMA's The Role of Primary and Secondary Introduction Pathways	Webinar	2/24/25
NAISMA's NOAA's Efforts to Support Biosecurity in Marine and Great Lakes	Webinar	2/24/25
NAISMA's USGS Research Partnerships Enhancing Biosecurity	Webinar	2/25/25
NAISMA's Strengthening Pacific Island Biosecurity	Webinar	2/26/25
EPA's Getting to the Root of the Problem: Understanding Urban Trees and Soils	Webinar	2/26/25
NAISMA's Biosecurity and the U.S. Army Corps of Engineers	Webinar	2/27/25
MSU's 35 <sup>th</sup> Annual Great Lakes Day Event: A Celebration of Progress and Promise	Conference	3/3/25
Northeast Regional Invasive Species and Climate Change (RISCC) Management Network's 2025 Invasive Species and Climate Change Symposium	Virtual Symposium	3/11-12/25
Michigan Invasive Species Coalition Annual Winter Meeting	Conference	3/19-20/25
University of Minnesota AIS Detectors Program's Effective Rusty Crayfish Removals to Protect Wild Rice	Webinar	5/1/25
NAISMA's Beyond Buckthorn: Innovative Strategies for Invasive Control and Habitat Restoration	Webinar	5/21/25
Michigan Invasive Species Coalitions Annual Summer Meeting and Field Training	Conference/Field Training	8/20-21/25
NAISMA's Islands Under Siege: Combating Invasive Species to Protect Unique Island Ecosystems	Webinar	9/17/25
MSU and JLW CISMA's Crayfish Training	Training	10/2/25
Michigan DNR's Cinnamon Vine Workshop	Workshop	11/6/25
NAISMA's Harnessing AI for Invasive Species Detection: Smart Traps, Drones, and Machine Learning in Action	Webinar	11/19/25
NAISMA's Annual Biocontrol Summit: Aquatic Weed Biocontrol-Project Progress and Innovation Tools	Virtual Summit	12/4/25
RISCC and NAISMA's International Invasive Species and Climate Change Conference	Virtual Conference	12/9-10/25
NAISMA's Biocontrol Allies: Managing Invasive Spotted Lanternfly and Tree-of-Heaven	Webinar	12/17/25

Throughout 2025, the CWMA maintained pesticide certifications and took opportunities to earn credits towards recertification when they arose.



*Photo 2. Students from the Green Door Initiative help to clip creeping thistle seed heads as taught by CWMA staff, on Wayne County Parks' Refuge Gateway. Credit: Jess MacTavish-Bogda*

## **Outreach**

The Detroit River-Western Lake Erie Cooperative Weed Management Area had a year of consistent outreach and a couple of exciting new partnerships. In 2025, the CWMA welcomed Friends of the Rouge and Detroit Arboretum as new partners.

Throughout the year DR-WLE CWMA staff took opportunities to attend, present at, and host various outreach events, where they educated members of the public, of all ages, about relevant invasive species, what they can do to prevent their spread, and the CWMA's role as a local resource for them. The CWMA occupied educational tables during the Michigan Department of Natural Resources' (DNR) Outdoor Adventure Center Invasive Species Awareness Day and Pointe Mouillee's Waterfowl Festival events where they interacted with over 400 children and adults. In May, CWMA staff participated in the two-day Detroit River Water Festival where they hosted an educational invasive species game and gave short presentations to classes of fourth and fifth graders, totaling 240 students. In July, the DR-WLE CWMA hosted the Greening of Detroit Summer Youth Program, for the second year. Organizing this specialized program allowed the CWMA to expose 83 high school students to hands on invasive species management field work.

Additionally, the CWMA was invited by partners and local professors to give educational presentations to their audiences and classrooms. Presentations were given to the Gibraltar Duck Hunter's Association Annual Youth Hunt, as well as Roeper School children and the Green Door Initiative, both of which were hosted by the Detroit River International Wildlife Refuge (DRIWR). Professors from the University of Michigan-

Dearborn and Eastern Michigan University invited CWMA staff to give presentations to their senior project research and design, and wetlands classes, respectively. Attending these presentations allowed the CWMA to reach a combined audience of 236 listeners.

Throughout the year, the CWMA received and responded to emails, phone calls, and in person inquiries about invasive species management, as well as conducted site visits for landowners with special cases who needed management suggestions or identification. The DR-WLE CWMA continues to maintain their digital presence by regularly submitting articles to International Wildlife Refuge Alliance newsletter *The Wildside*, updating their webpage (<https://drwlecwma.org/>), and creating content for Facebook (<https://www.facebook.com/drwlecwma/>) and Instagram (<https://www.instagram.com/drwlecwma/>). These combined efforts allowed the CWMA to reach over 19,000 people virtually this year.



**Photo 3.** Technician Liam Sullivan surveying for terrestrial and aquatic invasive plants at DRIWR's Strong Unit. Credit: Kaitlyn Chisholm/DR-WLE CWMA

## Surveys

During the Spring and Summer months, the CWMA surveys for the presence of all species listed in **Table 1** on partner lands. When weather and accessibility allows, surveys are performed beginning with the Southernmost units and working North. The CWMA conducts surveys by walking transects through a unit when feasible, otherwise, vehicles, kayaks, or boats are used. In the presence of a Priority or EDRR listed invasive species, location, size, and density data are recorded. Only the presence of and percent coverage of the unit is recorded for species on our Additional list. This data is distributed back to partners at the end of the season and used by the CWMA to influence treatment prioritization for the year.

In 2025, the Detroit River-Western Lake Erie Cooperative Weed Management Area successfully surveyed all scheduled partner lands that granted permissions, totaling 9,761 acres. In 2026, the CWMA will strive to additionally survey partners' island units, which are on a biennial schedule.

## Treatment Provided by DR-WLE CWMA Staff

The DR-WLE CWMA develops and maintains layered maps to accurately display past, current, and future goals of invasive species treatments. **Figures 1-5** display maps of 2025 strike team treatments while associated **Tables 3-7** highlight additional 2025 treatment information as well as 2026 treatment goals. **Figures 6-9** display Phragmites treatments for the last 3 years. In 2025, CWMA staff chemically and mechanically treated a total of 114.72 acres of aquatic and terrestrial invasive species across partner properties.

### Aquatic

During the Summer and Fall months, the CWMA mechanically and chemically treated 107.35 acres of aquatic invasive species. On July 11<sup>th</sup>, the Greening of Detroit Youth Corps, led by CWMA staff, pulled 0.09 acres of European frog-bit (*Hydrocharis morsus-ranae*) from the DRIWR's Fix Unit. On July 23<sup>rd</sup>, CWMA staff attended a volunteer work crew to assist in pulling more European frog-bit from another 0.25 acres at the same Unit.

In 2025, CWMA staff chemically treated a total of 107.01 acres of Phragmites (*Phragmites australis*) across partner properties. On July 14<sup>th</sup>, CWMA staff assisted DRIWR staff in treating 4.7 acres at their Osborne Unit. The next week, CWMA staff treated 3.9 acres at the DRIWR's Blanchett II Unit. On September 8<sup>th</sup>, the CWMA treated 11.07 acres at the Bay Creek Hunt Club. Wayne County Parks' Refuge Gateway received 7.68 acres of Phragmites treatment on September 15<sup>th</sup>. A few days later, 7.82 acres were treated at the River Raisin National Battlefield Park. The CWMA spent October 6<sup>th</sup> and 16<sup>th</sup> treating a total of 25.45 acres at the Michigan DNR's Dusseau Unit. In mid-October, CWMA staff spent a day treating 46.39 acres of Phragmites at The Nature Conservancy's Erie Marsh Preserve.

### Terrestrial

Throughout the field season, the DR-WLE CWMA mechanically and chemically treated a total of 7.37 acres of terrestrial invasive species. On May 14<sup>th</sup>, CWMA staff assisted in pulling 0.11 acres of garlic mustard (*Alliaria petiolata*) and dame's rocket (*Hesperis matronalis*) from the DRIWR's Taylor Unit. On July 2<sup>nd</sup>, 8<sup>th</sup>, and 10<sup>th</sup> the CWMA joined a volunteer crew to help clip seed heads from creeping thistle (*Cirsium arvense*) across 1.67 acres of the Refuge Gateway. On May 15<sup>th</sup> and July 1<sup>st</sup>, CWMA staff assisted DRIWR staff in treating 2.58 acres of teasel (*Dipsacus fullonum*, *Dipsacus laciniatus*) rosettes on their Blanchett I Unit. At the end of September, 0.42 more acres were treated at DRIWR Taylor Unit. On September 3<sup>rd</sup>, CWMA staff treated 0.0439 acres of itadori knotweed (*Reynoutria japonica*) at the DRIWR Plum Creek Bay Unit. At the end of September, 0.057 acres were treated for a private landowner in Lambertville.

During the Fall, the DR-WLE CWMA treated 2.489 total acres of invasive woody shrubs via cut-stump. At the end of October, 0.14 acres of black alder were treated on the Refuge Gateway. Throughout the season, CWMA staff opportunistically joined DRIWR volunteer stewardship crew efforts to remove 0.521 acres of autumn olive (*Elaeagnus umbellata*), amur honeysuckle (*Lonicera maackii*), and buckthorns (*Rhamnus cathartica*, *Frangula alnus*) from their Humbug Marsh Unit. Beginning on October 20<sup>th</sup> and working through the end of the fall, CWMA staff treated 1.828 acres of autumn olive, black alder, buckthorns, and honeysuckles on the Wyandot of Anderdon Nation's Six Points.



*Photo 4. Coordinator Jess MacTavish-Bogda and Technician Gia Minni use the Marsh Master to travel through a monoculture of Phragmites at the DNR's Dusseau Unit. Credit: Kaitlyn Chisholm/DR-WLE CWMA*

#### **Treatment Provided by Partners**

The Detroit River International Wildlife Refuge treated an additional 22.39 acres of autumn olive, garlic mustard, dame's rocket, teasels, European frog-bit, black alder, creeping thistle, buckthorns, amur & tatarian honeysuckles, common privet, and Phragmites.

The City of Monroe treated 73 acres of flowering rush using funding from the Forest Service's Great Lakes Restoration Initiative Grant received by the CWMA.

River Raisin National Battlefield Park treated an additional 11 acres of herbaceous invasive species, and 7.5 acres of woody invasive species.

## **Looking to 2026**

In 2026, Detroit River-Western Lake Erie Cooperative Weed Management Area will strive to continue expanding their reach through Monroe and Wayne Counties by working with and welcoming new partners. Coordinator Jess anticipates applying for up to 3 additional grants, pending availability. These grants will support the strike team leader, fund 2 seasonal technicians, and make possible additional CWMA treatment projects.

In 2026, the CWMA staff and chair look forward to discussing an organizational name change with partners to better promote outreach efforts and reflect the purpose of the CWMA today. The CWMA also aspires to become the [Go Beyond Beauty](#) hub for Monroe and Wayne Counties. This will allow the CWMA to connect with garden professionals and other members of the public who have made a commitment not to use or sell invasive species or their cultivars.

## **Acknowledgements**

This work would not have been possible without funding provided by the Michigan Department of Natural Resource's Michigan Invasive Species Grant Program, the Forest Service's Great Lakes Restoration Initiative Grant, and the Cooperative Agreement between the International Wildlife Refuge Alliance and the Detroit River International Wildlife Refuge.

Special thanks to all DR-WLE CWMA members who contributed their time, resources, and access to properties for this vital, shared goal of invasive species management. The DR-WLE CWMA is extremely appreciative to have been able to carry out another year of invasive species management.

## **Report Submitted by:**

Jess MacTavish-Bogda, *DR-WLE CWMA Invasive Species Coordinator*

Kaitlyn Chisholm, *DR-WLE CWMA Strike Team Leader*

## Treatments for 2025 and 2026 Operating Plan

*Table 3. Treatments for the 2025 field season with target species and 2026 treatment goals: North Zone.*

<b>Location</b>	<b>Owner</b>	<b>2025 Acres Treated</b>	<b>Method</b>	<b>Target Species</b>	<b>2026 Goal</b>
Private Land	Detroit Arboretum	None	N/A	N/A	EDRR surveys
Mud Island	USFWS	None	N/A	N/A	Continue EDRR surveys
Grassy Island	USFWS	None	N/A	N/A	Continue EDRR surveys
Stony Island	DNR	None	N/A	N/A	Continue EDRR surveys
Refuge Gateway	Wayne County	1.67	Seed head clipping	Creeping thistle	Spot treat, Continue EDRR surveys
		0.14	Cut stump	Black alder	
		7.68	Foliar spray via backpacks	Phragmites	
Humbug Marsh	USFWS	0.521	Cut stump	Buckthorns, autumn olive, amur honeysuckle	Spot treat, Continue EDRR surveys
Humbug Island	USFWS	None	N/A	N/A	Spot treat, Continue EDRR surveys
Gibraltar Bay	USFWS	None	N/A	N/A	Spot treat, Continue EDRR surveys
Sugar Island	USFWS	None	N/A	N/A	Continue EDRR surveys
Gibraltar Wetlands	USFWS	None	N/A	N/A	Continue EDRR surveys
Six Points	Wyandot of Anderdon	1.828	Cut stump	Buckthorns, black alder	Spot treat, Continue EDRR surveys
Celeron Island	DNR	None	N/A	N/A	Continue EDRR surveys
Lake Erie Metropark	HCMA	None	N/A	N/A	Spot treat, Continue EDRR surveys
Crosswinds Marsh	Wayne County Parks	None	N/A	N/A	Continue EDRR surveys



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- Black alder
- Common buckthorn
- Phragmites
- Creeping thistle
- Autumn olive

0 0.07 0.15 0.3 0.45 Miles



**Figure 1.** Invasive species treatments conducted by the CWMA staff in DR-WLE CWMA's North Zone.

**Table 4.** Treatments for the 2025 field season with target species and 2026 treatment goals: North Central Zone.

<b>Location</b>	<b>Owner</b>	<b>2025 Acres Treated</b>	<b>Method</b>	<b>Target Species</b>	<b>2026 Goal</b>
Pointe Mouillee SGA	DNR	None	N/A	N/A	Spot treat, Continue EDRR surveys
Taylor	USFWS	0.11	Hand pulling	Garlic mustard, dame's rocket	Spot treat, Continue EDRR surveys
		0.42	Foliar spray via backpacks	Teasels	
Strong	USFWS	None	N/A	N/A	Spot treat, Continue EDRR surveys
Sharkus	USFWS	None	N/A	N/A	Spot treat, Continue EDRR Surveys
Burke	USFWS	None	N/A	N/A	Spot treat, Continue EDRR surveys
Osborn	USFWS	4.7	Foliar spray via Marsh Master	Phragmites	Continue EDRR surveys



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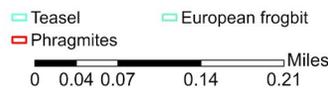
**Figure 2.** Invasive species treatments conducted by the CWMA staff in DR-WLE CWMA's North Central Zone.

**Table 5. Treatments for the 2025 field season with target species and 2026 treatment goals: Central Zone.**

<b>Location</b>	<b>Owner</b>	<b>2025 Acres Treated</b>	<b>Method</b>	<b>Target Species</b>	<b>2026 Goal</b>
Brancheau	USFWS	None	N/A	N/A	Spot treat, Continue EDRR surveys
Blanchett I	USFWS	2.58	Folar spray via backpacks	Teasels	Spot treat, Continue EDRR surveys
Blanchett II	USFWS	3.9	Foliar spray via Marsh Master	Phragmites	Spot treat, Continue EDRR surveys
Tishkof	USFWS	None	N/A	N/A	Continue EDRR surveys
Sisung	USFWS	None	N/A	N/A	Continue EDRR surveys
Fix	USFWS	0.34	Hand pulling	European frog-bit	Spot treat, Continue EDRR surveys
Point-aux-Peaux SGA	DNR	None	N/A	N/A	Continue EDRR surveys
Lagoona Beach	DTE	None	N/A	N/A	Continue EDRR surveys



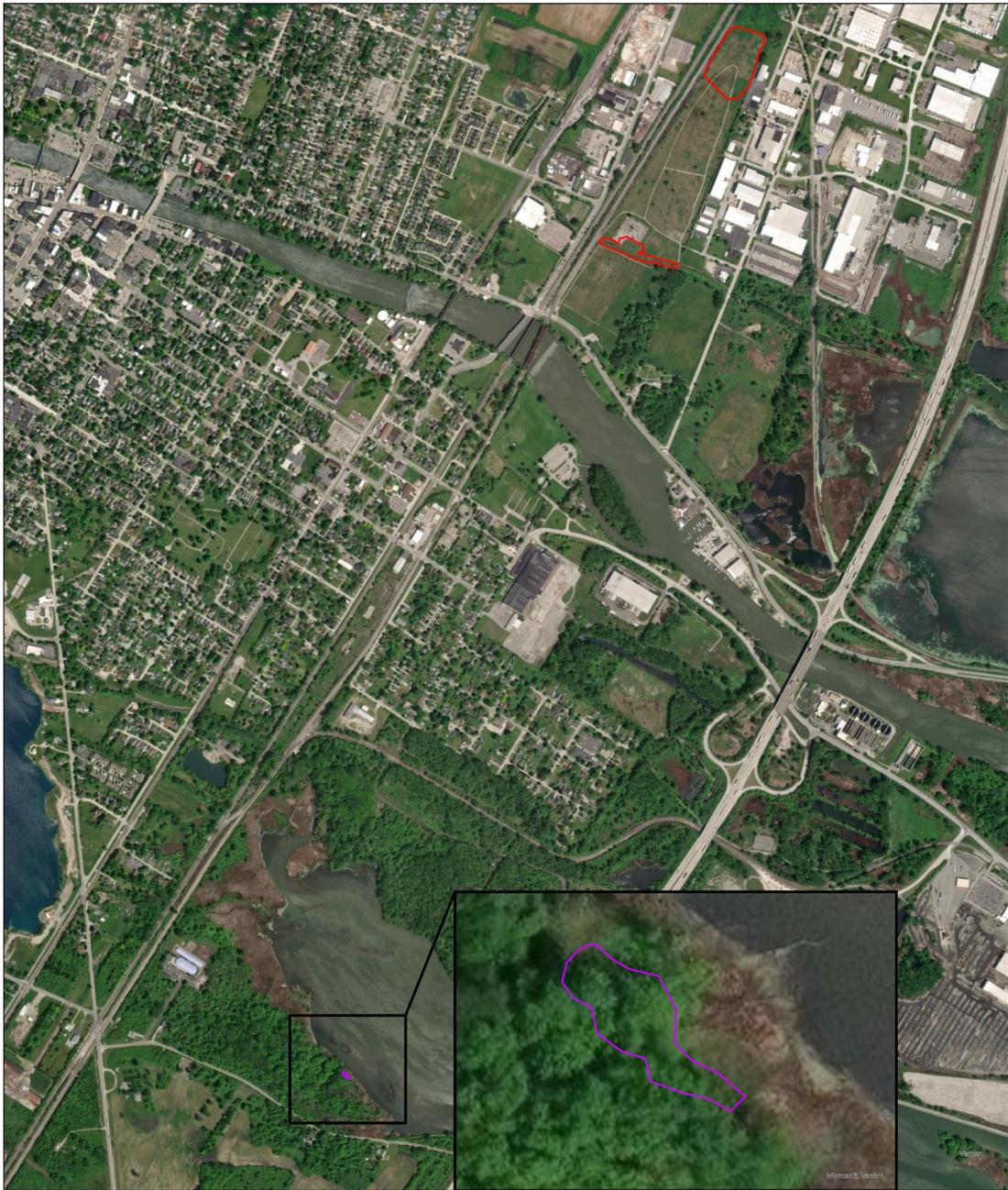
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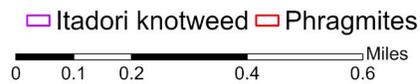
**Figure 3.** Invasive species treatments conducted by the CWMA staff in DR-WLE CWMA's Central Zone.

**Table 6.** *Treatments for the 2025 field season with target species and 2026 treatment goals: South Central Zone.*

<b>Location</b>	<b>Owner</b>	<b>2025 Acres Treated</b>	<b>Method</b>	<b>Target Species</b>	<b>2026 Goal</b>
River Raisin NBP	NPS	7.82	Foliar spray via UTV	Phragmites	Continue EDRR surveys
Ford Marsh	USFWS	None	N/A	N/A	Continue EDRR surveys
Port of Monroe	USFWS	None	N/A	N/A	Continue EDRR surveys
Immaculate Heart of Mary	Saint Therese IHM Senior Living	None	N/A	N/A	Continue EDRR surveys
River Raisin	City of Monroe	None	N/A	N/A	Continue EDRR surveys
Plum Creek Bay	USFWS	0.0439	Foliar via spray bottle	Itadori knotweed	Spot treat, Continue EDRR surveys
Monroe County Roadways	Monroe County	None	N/A	N/A	Spot treat



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**Figure 4.** Invasive species treatments conducted by the CWMA staff in DR-WLE CWMA's South Central Zone.

**Table 7. Treatments for the 2025 field season with target species and 2026 treatment goals: South Zone.**

<b>Location</b>	<b>Owner</b>	<b>2025 Acres Treated</b>	<b>Method</b>	<b>Target Species</b>	<b>2026 Goal</b>
Erie SGA, Dusseau	DNR	25.45	Foliar via Marsh Master	Phragmites	Continue EDRR surveys
Lady of the Lake	USFWS	None	N/A	N/A	Continue EDRR surveys
Holloway	USFWS	None	N/A	N/A	Continue EDRR surveys
Bay Creek Hunt Club	Bay Creek Farms	11.07	Foliar via Marsh Master	Phragmites	Spot treat, Continue EDRR surveys
Erie Marsh Preserve	The Nature Conservancy	46.39	Foliar via Marsh Master	Phragmites	Continue EDRR surveys
Gard Island	University of Toledo	None	N/A	N/A	Continue EDRR surveys



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Phragmites  
0 0.07 0.15 0.3 0.45 Miles



**Figure 5.** Invasive species treatments conducted by the CWMA staff in DR-WLE CWMA's South Zone.

# Three Year Treatment Analysis for Phragmites

Figures 6, 7, 8, and 9 below highlight the comparison between 2023's, 2024's, and 2025's Phragmites treatments across all Detroit River-Western Lake Erie Cooperative Weed Management Area partner lands.



Figure 6. Three-year treatment analysis of Phragmites in DR-WLE CWMA's North Zone.



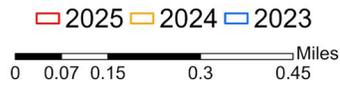
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*Figure 7. Three-year treatment analysis of Phragmites in DR-WLE CWMA's North Central Zone.*



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**Figure 8.** Three-year treatment of Phragmites in DR-WLE CWMA's Central Zone.



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**Figure 9.** Three-year treatment of Phragmites in DR-WLE CWMA's South Zone.