

North Country CISMA Invasive Species Surveys  
Little Manistee River

Survey Date	Species	Density	Area	Latitude	Longitude	Side of River	Ownership	Location	Notes
2022-07-05	Autumn olive	Sparse	Individual, Few, Several	44.06300419	-85.87505576	Right	Private	Lake	
2022-07-26	Autumn olive	Sparse	Individual, Few, Several	44.11254254	-85.9666016	Left	Private		
2022-07-26	Autumn olive	Sparse	Individual, Few, Several	44.1158548	-85.97330646	Left	Private		
2022-07-26	Autumn olive	Patchy	Individual, Few, Several	44.10558122	-85.92418557	Right	Private		
2022-07-26	Autumn olive	Sparse	Individual, Few, Several	44.11596036	-85.96975301	Left	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.12896679	-85.99024197	Left	Private		
2022-07-28	Autumn olive	Patchy	Individual, Few, Several	44.13028017	-85.99129572	Left	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13455172	-86.00188077	Right	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13538246	-86.00464856	Left	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13554374	-86.00576212	Left	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13668543	-86.00656249	Both	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.14201022	-86.01089601	Right	US FS		Extends down 100ft
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.14225472	-86.01332328	Right	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.1492186	-86.03423243	Left	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.15497174	-86.05157865	Right	US FS		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13058277	-85.99136083	Right	Private		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.13246462	-85.99301124	Right	US FS		
2022-07-28	Autumn olive	Patchy	Individual, Few, Several	44.13719729	-86.0073572	Right	Private		
2022-07-28	Autumn olive	Patchy	Individual, Few, Several	44.14089422	-86.01050382	Left	Private		
2022-07-28	Autumn olive	Patchy	Individual, Few, Several	44.142805	-86.01021471	Right	US FS		
2022-07-28	Autumn olive	Sparse	Individual, Few, Several	44.1443829	-86.01575385	Left	Private		
2022-07-26	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.11858175	-85.97725578	Left	MI DNR		Extends for about 400ft
2022-07-26	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.10432917	-85.92680665	Left	Private		
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.12586005	-85.99304724	Left	Private		
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.14165368	-86.0082599	Right	US FS		
2022-07-28	Autumn olive	Sparse	Less than 1,000 Sq Ft	44.12565245	-85.99158793	Right	Private	Near block wall	
2022-07-28	Autumn olive	Sparse	Less than 1,000 Sq Ft	44.12861345	-85.98921681	Right	Private		
2022-07-28	Autumn olive	Sparse	Less than 1,000 Sq Ft	44.13285396	-85.99665305	Right	US FS		
2022-07-28	Autumn olive	Sparse	Less than 1,000 Sq Ft	44.1348343	-85.99865636	Right	Private		
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.1394412	-86.01009071	Right	Private		
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.14132204	-86.00934102	Right	Private		
2022-07-28	Autumn olive	Dense	Less than 1,000 Sq Ft	44.14279353	-86.01189407	Right	US FS		
2022-07-28	Autumn olive	Sparse	Less than 1,000 Sq Ft	44.1460853	-86.0171082	Right	Private		Extends 300 ft
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.14792776	-86.02641227	Right	Private		
2022-07-28	Autumn olive	Patchy	Less than 1,000 Sq Ft	44.14870281	-86.02896546	Right	US FS		
2022-07-28	Autumn olive	Patchy	1/2 acre - 1 acre	44.13315726	-85.99507577	Right	US FS		
2022-07-26	Bells honeysuckle	Sparse	Individual, Few, Several	44.08938073	-85.90780269	Left	Private		
2022-07-26	Bells honeysuckle	Sparse	Individual, Few, Several	44.11496785	-85.97059491	Right	Private		Approx 300ft d.str. both sides
2022-07-26	Bells honeysuckle	Sparse	Individual, Few, Several	44.11757225	-85.97318417	Right	Private		
2022-07-28	Bells honeysuckle	Patchy	Less than 1,000 Sq Ft	44.13055916	-85.98972221	Right	Private		
2022-07-28	Bigleaf Periwinkle	Dense	Less than 1,000 Sq Ft	44.12839168	-85.98873073	Right	Private		
2022-07-26	Black Locust	Patchy	Individual, Few, Several	44.10427142	-85.92676239	Left	Private		
2022-07-26	Black Locust	Sparse	Individual, Few, Several	44.11268944	-85.94303543	Left	Private		SJW present as well
2022-07-26	Black Locust	Sparse	Individual, Few, Several	44.11319539	-85.9669798	Left	Private		
2022-07-26	Black Locust	Sparse	Individual, Few, Several	44.11553727	-85.97328746	Left	Private		
2022-07-26	Black Locust	Sparse	Individual, Few, Several	44.11862311	-85.97452088	Right	Private		Extends down for about 300ft
2022-07-26	Black Locust	Sparse	Individual, Few, Several	44.12007355	-85.97992284	Right	MI DNR		
2022-07-28	Black Locust	Sparse	Individual, Few, Several	44.14110394	-86.01047688	Left	Private		
2022-07-28	Black Locust	Sparse	Individual, Few, Several	44.1430461	-86.0108582	Right	US FS		Extends down 200ft
2022-07-05	Black Locust	Patchy	Less than 1,000 Sq Ft	44.07319853	-85.88644163	Left	Private	Lake	From point 300ft down river
2022-07-05	Black Locust	Patchy	Less than 1,000 Sq Ft	44.08217884	-85.89373527	Left	Private	Lake	150 ft from point
2022-07-26	Black Locust	Patchy	Less than 1,000 Sq Ft	44.11447395	-85.95511291	Right	Private		Along 300ft
2022-07-26	Black Locust	Patchy	Less than 1,000 Sq Ft	44.09087538	-85.90542034	Right	Private		
2022-07-28	Black Locust	Patchy	Less than 1,000 Sq Ft	44.13297639	-85.99352017	Right	US FS		
2022-07-28	Black Locust	Dense	Less than 1,000 Sq Ft	44.15193773	-86.04659801	Left	Private		
2022-07-05	Black Locust	Patchy	1,000 Sq Ft - 1/2 acre	44.07125176	-85.88405631	Right	Private	Dn from Spencer's Br	
2022-07-26	Black Locust	Sparse	1,000 Sq Ft - 1/2 acre	44.10487198	-85.92023312	Left	Private		
2022-07-26	Black Locust	Dense	1,000 Sq Ft - 1/2 acre	44.10571425	-85.92865821	Left	Private		Counties 250 ft downstream
2022-07-28	Black Locust	Patchy	1,000 Sq Ft - 1/2 acre	44.14141686	-86.00857495	Right	Private		
2022-07-26	Black Locust	Patchy	1/2 acre - 1 acre	44.10598773	-85.92142396	Lt & Rt	Private		Extends 200 ft d.stream of pt
2022-07-28	Black Locust	Dense	1/2 acre - 1 acre	44.14547513	-86.01507272	Right	Private		Extends downstream 300 ft
2022-07-05	Black Locust	Patchy	Greater than 1 acre	44.07096633	-85.88664866	Left	Private	Lake	Runs 350 ft d.stream of point
2022-07-05	Black Locust	Patchy	Greater than 1 acre	44.07887554	-85.88960919	Left	Private	Lake	350 ft downstream continues
2022-07-05	Black Locust	Patchy	Greater than 1 acre	44.08780887	-85.90123795	Right	Private	Lake	Continues 200 ft from point
2022-07-26	Black Locust	Dense	Greater than 1 acre	44.11403432	-85.9515021	Right	Private		Large mature trees
2022-07-05	Canada thistle	Sparse	Individual, Few, Several	44.07141772	-85.88405811	Right	Private	Lake	
2022-07-26	Canada thistle	Patchy	Individual, Few, Several	44.10824147	-85.93408959	Right	Private		
2022-07-26	Canada thistle	Sparse	Individual, Few, Several	44.11379943	-85.95804162	Right	Private		
2022-07-28	Crown Vetch	Sparse	Individual, Few, Several	44.14223604	-86.01329882	Left	Private		
2022-07-28	Crown Vetch	Sparse	Less than 1,000 Sq Ft	44.12867432	-85.99025211	Right	Private		
2022-07-05	Crown Vetch	Dense	Greater than 1 acre	44.05994793	-85.87200453	Right	Private	Lake	
2022-07-26	English Ivy	Dense	Less than 1,000 Sq Ft	44.10551362	-85.92841145	Right	Private		
2022-07-05	Japanese knotweed	Dense	Less than 1,000 Sq Ft	44.05986617	-85.87216003	Left	Private	Lake	Myrtle under
2022-07-05	Japanese knotweed	Patchy	Less than 1,000 Sq Ft	44.06006067	-85.87266181	Left	Private	LMR dn from Old Grade	Along stairs to river
2022-07-26	Lily of the Valley	Monoculture	Less than 1,000 Sq Ft	44.10594975	-85.92948667	Right	Private		
2022-07-28	Lily of the Valley	Patchy	Less than 1,000 Sq Ft	44.14894421	-86.03415339	Left	Private		
2022-07-28	Phragmites	Dense	1,000 Sq Ft - 1/2 acre	44.14707545	-86.02473615	Right	Private		Not on river, in lawn
2022-07-26	Purple loosestrife	Sparse	Individual, Few, Several	44.10237629	-85.91345422	Left	US FS		
2022-07-26	Purple loosestrife	Sparse	Individual, Few, Several	44.117506	-85.97411367	Right	Private		
2022-07-26	Purple loosestrife	Sparse	Individual, Few, Several	44.10712	-85.92965734	Right	Private		
2022-07-28	Purple loosestrife	Sparse	Individual, Few, Several	44.1517946	-86.03561548	Right	Private		
2022-07-28	Purple loosestrife	Sparse	Individual, Few, Several	44.15374658	-86.04728195	Right	US FS		
2022-07-26	Purple loosestrife	Sparse	Less than 1,000 Sq Ft	44.10012006	-85.91167824	Right	US FS		
2022-07-26	Scots Pine	Sparse	Individual, Few, Several	44.11290041	-85.94438459	Left	Private		
2022-07-26	Snow on the mountain	Sparse	Less than 1,000 Sq Ft	44.0963192	-85.91010839	Right	US FS		
2022-07-26	Winged burningbush	Sparse	Individual, Few, Several	44.11265253	-85.96660314	Left	Private		