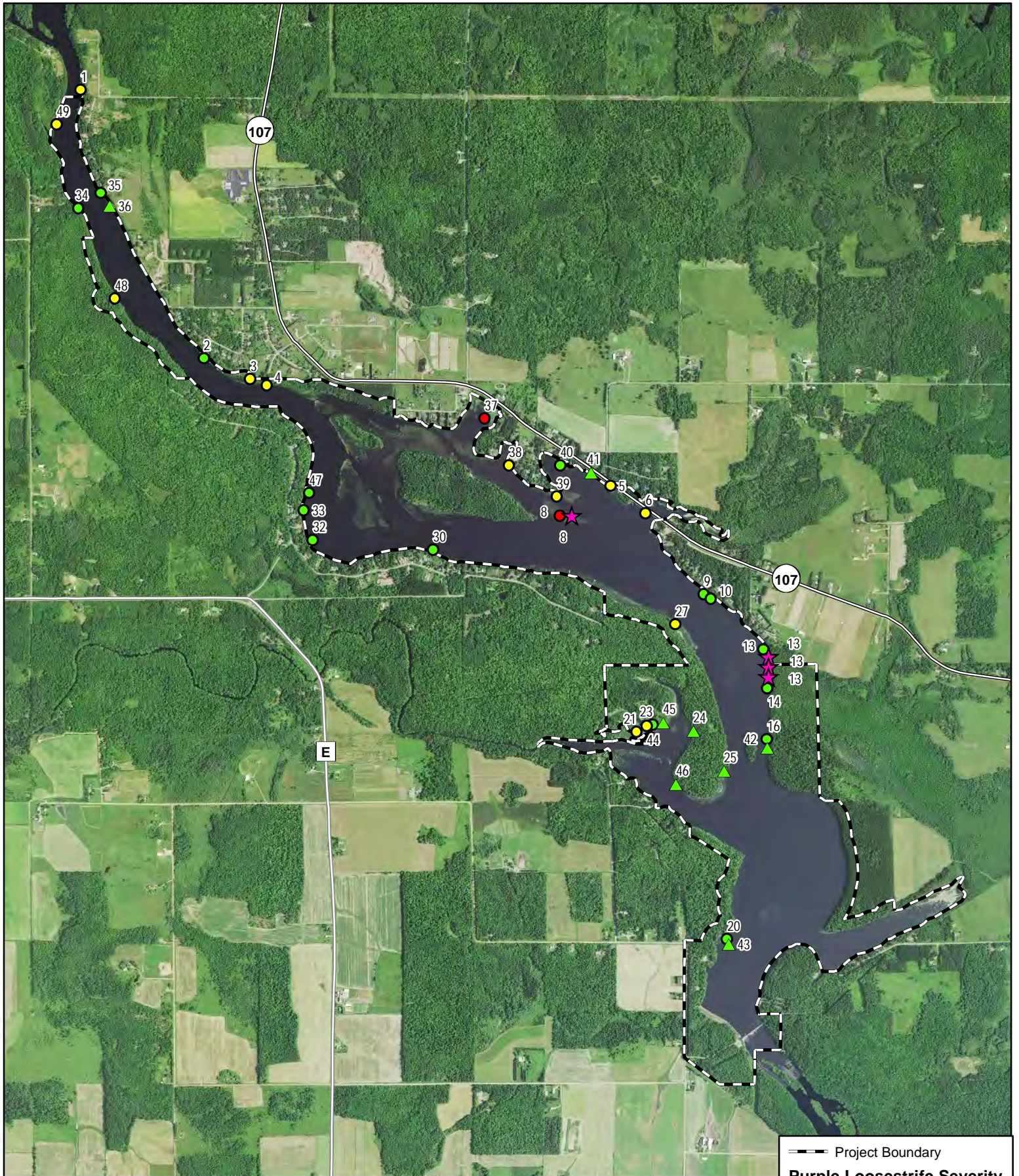



Notice: Pursuant to NR 40.04(3), Wis. Adm. Code, information requested on this form is required to document movement of purple loosestrife plants used for biocontrol. Information is also requested for placement of biocontrol insects for the Purple Loosestrife Biocontrol Project, authorized under s. 23.235 (3m), Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requestors to the extent required by Wisconsin's Open Records Law (ss.19.31-19.39, Wis. Stats.).

Instructions: This report is the mandatory second part of your Purple Loosestrife Biocontrol Permit. It details where you placed loosestrife plants and/or biocontrol insects, as well as important receiving-site information only YOU can provide. Estimate data as best you can (e.g one football field (without end zones) is ~1 acre). Describe your site completely, create a name (abbreviated site description) & add GPS coordinates, if possible. Report one species per data box. To enter data easily online, please visit <http://dnr.wi.gov/topic/invasives/loosestrife.html>. Questions regarding online data entry? Please contact 608-264-8533 . If unable to enter data online, you can send completed data sheets to Dept. of Natural Resources - 101 S. Webster St. WT/4 P.O. Box 7921, Madison WI 53707-7921 (Fax 608-267-2800). Please take digital site photo(s) and send with your name and photo names/dates(s) to brock.woods@wi.gov. Thank You!

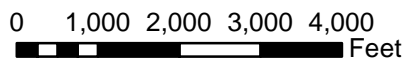
Data Collector / Volunteer Names		
Primary Data Collector Name Jessica Roloff, Wisconsin Public Service		Additional Data Collector Names Emily Drown
Phone Number 920-433-5558	Email Jessica.Roloff@WECEnergyGroup.com	Mailing Address PO Box 19001, Green Bay, WI 54307-9001
Date and Time		
Date June 21, 2017	Time 7:00 am	
Site Location		
County Lincoln County		Nearest City/Village/Town Town of Merrill
Location Description (ex. NW corner of CTH K / Town Line Road) & short site name (ex. "CTH K/Town Line") Released 1,000 beetles at Site #8 - T32N R06E Sec 32 SENW on an island about 780' southeast of the end of Pine Grove Rd		
Latitude(WGS84 format) 45.21415	Longitude(WGS84 format) -89.76775	GPS Reading Accuracy 50'
Land Ownership Type (circle one): unknown <input checked="" type="radio"/> private government: federal state county local		
Landowner Name (and phone number if known): Wisconsin Public Service		
Site Plant Data		
Acreage of Purple Loosestrife (circle one) <input checked="" type="radio"/> less than 1/2 acre 1/2-1 acre 1-10 acres more than 10 acres		
Purple Loosestrife Coverage on Large Sites (circle one) 0-25% <input checked="" type="radio"/> 26-50% 51-75% 76-100%		
Number of Purple Loosestrife Plants on Small Sites (circle one) 1-10 11-49 <input checked="" type="radio"/> 50+		
Wetland location/type (circle all that apply): <input checked="" type="checkbox"/> lake/pond edge stream edge roadside wooded area ditch field other _____		
Site Insect Release Details		
Was a stake or flag used to mark site? Yes <input checked="" type="radio"/> No Type _____		Specific directions (ex. ~100 ft in from side of road) GPS Used
If returning to site, was stake or flag found? Type _____		
Photo Name(s) from Site Name/Photo date(s) (ex. CTH K/Town Line Rd/7-27-2012) None taken		
Method of Release(circle one) <input checked="" type="radio"/> potted plants with beetles just adult beetles		# of potted plants 1 # of adult beetles released ~1,000
Weather (temp, wind, clouds) Sunny with a few clouds, really windy		Insect condition... (check all that apply) <input checked="" type="checkbox"/> released in good condition? <input type="checkbox"/> released in poor condition? <input checked="" type="checkbox"/> pot placed next to field plant? <input type="checkbox"/> tops of potted plants entwined with tops of field plants? <input type="checkbox"/> if releasing adults, placed directly on field plants?
Additional Comments: This particular site has increased in purple loosestrife over the past 3 years. 2014 none was found. 2015 a small colony started. 2016 & 2017 the colony increased to a large colony even though 5,000 beetles have been released at this site over the last 2 years. I plan to release more at this site in 2018.		

Data Collector / Volunteer Names		
Primary Data Collector Name Jessica Roloff, Wisconsin Public Service		Additional Data Collector Names Emily Drown
Phone Number 920-433-5558	Email Jessica.Roloff@WECEnergyGroup.com	Mailing Address PO Box 19001, Green Bay, WI 54307-9001
Date and Time		
Date June 21, 2017	Time 7:00 am	
Site Location		
Site Name Site #13	County Lincoln County	Nearest City/Village/Town Town of Merrill
Location Description (ex. NW corner of CTH K / Town Line Road) & short site name (ex. "CTH K/Town Line") Released 3,000 beetles at Site #13 - T32N R06E Sec 33 SWSW approx 410' southwest of the end of Riverside Dr		
Latitude(WGS84 format) 45.207	Longitude(WGS84 format) -89.753	GPS Reading Accuracy 50'
Landowner Name (and phone number if known): Waters edge adjacent to property owned by Peter & Carol Engel		
Land Ownership Type (circle one): private federal <u>state</u> county local government unknown		
Site Plant Data		
Acreage of Purple Loosestrife (circle one) <u>less than 1/2 acre</u> 1/2-1 acre 1-10 acres more than 10 acres		
Purple Loosestrife Coverage on Large Sites (circle one) <u>0-25%</u> 26-50% 51-75% 76-100%		
Number of Purple Loosestrife Plants on Small Sites (circle one) 1-10 <u>11-49</u> 50+		
Wetland location/type (circle all that apply): <u>lake/pond edge</u> stream edge roadside wooded area ditch field other _____		
Site Insect Release Details		
Was a stake or flage used to mark site? Yes <u>No</u> Type _____		Specific directions (ex. ~100 ft in from side of road) GPS Used
If returning to site, was stake or flag found? Type _____		
Photo Name(s) from Site Name/Photo date(s) (ex. CTH K/Town Line Rd/7-27-2012) None taken		
Method of Release(circle one) <u>potted plants with beetles</u> just adult beetles		# of potted plants 3 # of adult beetles released ~3,000
Weather (temp, wind, clouds) Sunny with a few clouds, really windy		Insect condition... (check all that apply) <input checked="" type="checkbox"/> released in good condition? <input type="checkbox"/> released in poor condition? <input type="checkbox"/> pot placed next to field plant? <input checked="" type="checkbox"/> if releasing adults, placed directly on field plants? <input type="checkbox"/> tops of potted plants entwined with tops of field plants?
Additional Comments: In 2016 the site was a medium colony. After beetles were dropped in June 2017 a follow up survey was completed in August 2017 and the colony decreased to small.		











	Oneida
Price	Lincoln
Taylor	
	Marathon

Alexander Hydroelectric Project Purple Loosestrife Survey-2017



Date: 10/25/2017

- Project Boundary**
 Project Boundary
- Purple Loosestrife Severity**
-  Small
 -  Small; Pulled all plants
 -  Medium
 -  Medium; Pulled all plants
 -  Large
 -  No longer able to identify
 -  Beetle Release Site

2017 Purple Loosestrife Survey Form

Hydroelectric project: Alexander Hydroelectric Project

Beetle Release Date: June 21, 2017 Inspection date: August 8, 2017

Colony ID #	Colony Size S 0-5 M 6-50 L >50	General Plant Vigor			Total Plant Vigor 10-12 = good 7-9 = fair 4-6 = poor 0-3 = very poor	Notes	GPS Point
		Plant Height 4 = >4ft 3 = 2-4ft 2 = 1-2ft 1 = <1ft	Plant Flowering 4 = 100% of plants 3 = 51-99% of plants 2 = 26-50% of plants 1 = <25% of plants	Beetle Feeding 5 = 0% feeding 4 = 1 - 25% feeding 3 = 26-50% feeding 2 = 51-75% feeding 1 = >76% feeding			
1	M 6-50	4	3	4	11		1761
2	S 0-5	3	3	4	10		1758
3	M 6-50	3	3	4	10		1757
4	M 6-50	3	3	4	10		1756
5	M 6-50	3	3	3	9		1788
6	M 6-50	3	2	3	8		1787
7	No Longer Able To Identify						
8	L >50	3	2	2	7	Released 2,000 beetles	1104
9	S 0-5	3	2	3	8		1786
10	S 0-5	3	3	5	11		1785
11	No Longer Able To Identify						
12	No Longer Able To Identify						
13	S 0-5	3	2	3	8	Released 4,000 beetles near colony 13	1784, 1105, 1106, 1107
14	S 0-5	3	3	5	11		1783
15	No Longer Able To Identify						
16	S 0-5	3	3	5	11		1782

17	No Longer Able To Identify						
18	No Longer Able To Identify						
19	No Longer Able To Identify						
20	S 0-5	3	3	4	10		1779
21	M 6-50	4	2	2	8		1776
22	No Longer Able To Identify						
23	S 0-5	3	3	4	10		1774
24	S 0-5	3	3	5	11	Pulled all plants.	1772
25	S 0-5	3	1	4	8	NEW. Pulled all plants.	1770
26	No Longer Able To Identify						
27	M 6-50	3	3	4	10		1769
28	No Longer Able To Identify						
29	No Longer Able To Identify						
30	S 0-5	3	3	4	10		1768
31	No Longer Able To Identify						
32	S 0-5	3	2	4	9		1767
33	S 0-5	4	3	5	12		1766
34	S 0-5	3	3	4	10		1763
35	S 0-5	3	3	4	10	NEW	1760
36	S 0-5	4	3	4	11	NEW. Pulled all plants.	1759
37	L >50	3	3	4	10	NEW. Shallow.	1793

