


Wisconsin Public Service Corporation

700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001

www.wisconsinpublicservice.com

December 22, 2017

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street NE
Washington DC 20425

Dear Ms. Bose:

SUBJECT: Invasive Species Monitoring Plan

<u>Hydro</u>	<u>FERC Project No.</u>	<u>NATDAM No.</u>	<u>License Article</u>
Caldron Falls	2525	WI00759	412
High Falls	2595	WI00754	409
Johnson Falls	2522	WI00758	410
Sandstone Rapids	2546	WI00760	411
Peshtigo	2581	WI00756	408
Potato Rapids	2560	WI00757	409

In accordance with the Federal Energy Regulatory Commission (FERC) Order Modifying and Approving the Updated Comprehensive Land and Wildlife Management Plan (CLWMP)- Invasive Species Monitoring Plan for the Peshtigo Hydroelectric Project, Potato Rapids Hydroelectric Project, Caldron Falls Hydroelectric, High Falls Hydroelectric Project, Johnson Falls Hydroelectric Project, and Sandstone Rapids issued on July 21, 2014, Wisconsin Public Service (WPS) is required to file the triennial invasive species monitoring results to FERC by December 31 of the corresponding year a survey has been completed.

2017 Purple Loosestrife Survey Results

A purple loosestrife (PL) survey was completed on the Peshtigo River Hydroelectric Projects (Projects) from July 13 through August 15, 2017. Twenty colonies of PL were identified at the Peshtigo Hydroelectric Project. Of the twenty colonies, eight were small colonies and were completely hand pulled and disposed of onsite. No other PL colonies were identified at any of the other Projects. Appendix A includes the PL survey results for the Projects.

WPS observed beetle feeding on sixteen of the twenty identified colonies. WPS will complete the next PL survey in 2020, in conjunction with the Eurasian water milfoil (EWM) surveys for all of the Projects.

2017 Eurasian Water Milfoil Survey Results

The EWM surveys were completed on the Projects from July 13 through August 15, 2017 with a return to Caldron Falls on September 29, 2017 to gather some additional data. EWM was again observed at all six Projects. EWM populations were observed to be greater than in 2014 at the Peshtigo (34 to 72 acres), Potato Rapids (2 to 10 acres), and Sandstone Rapids (8 to 17 acres) Hydroelectric Projects and reduced EWM populations were observed at the Caldron Falls (221 to 167 acres), High Falls (546 to 536 acres) and Johnson Falls (12 to 3 acres) Hydroelectric Projects. Appendix B includes the 2017 EWM survey results and figures for the six Projects.

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Overall, the changes in EWM populations are similar to fluctuations observed in previous surveying events on the Projects and at other WPS hydroelectric projects. It is also important to note that the acres included on the figures represent the furthest extent of where the EWM was identified. Diverse aquatic vegetation exists within the EWM defined population boundaries. In approximately 95 percent of the transects sampled, EWM was observed at levels less than half of the vegetation population as compared to the surrounding vegetation.

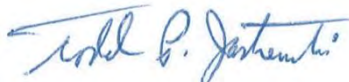
2015-2017 Zebra Mussel Sampling Results

Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for the Caldron Falls, High Falls, Johnson Falls, and Sandstone Rapids Hydroelectric Projects for the months of May through September for each survey year (2016-2017)¹. Zebra mussels were observed on February 16, 2017 at the Sandstone Rapids dam intake attached to a headwater instrument cable, see Appendix C for location and pictures. In accordance with the CLWMP, zebra mussel monitoring at the Sandstone Rapids Project will be discontinued. No zebra mussels were observed on the substrate samplers during any of the sampling events at any of the other Projects. Appendix D provides a copy of the monthly substrate sampling results for the three years of sampling.

A copy of this report was submitted to the Wisconsin Department of Natural Resources (WDNR), US Fish and Wildlife Service (FWS), and the University of Wisconsin Sea Grant Institute (UW) on September 29, 2017. FWS and UW provided documentation that they had no comments. The WDNR did not provide any comments. Documentation of consultation is located in Appendix E. In the interest of paperwork reduction, redundant materials are not included in the Documentation of Consultation.

Should you have any questions relative to this material, please do not hesitate to contact Jes Roloff at (920) 433-5558 or email at JRRoloff@integrysgroup.com.

Sincerely,



Todd P. Jastremski
Asset Manager Hydro Operations
We Energies
800 Industrial Park Drive
Iron Mountain, MI 49801

JRR / rjv

Enc: Appendix A - 2017 Purple Loosestrife Figures and Data (5 pages)
Appendix B - 2017 Eurasian Water Milfoil Figures and Data (13 pages)
Appendix C - 2017 Zebra Mussel Observation Figures and Pictures (5 pages)
Appendix D - 2017 Zebra Mussel Figures and Data (11 pages)
Appendix E - Documentation of Consultation (16 pages)

cc: Ms. Cheryl Laatsch, WDNR
Mr. Nicholas Utrup, USFWS
Mr. John Zygaj, FERC - CRO

1. 2015 data sheets for all Peshtigo Hydro Electric Projects and the 2017 data sheets for the High Falls and Potato Rapids Hydro Electric Projects were not provided by the date of submittal. However, zebra mussels were not found during those surveys as confirmed by the Hydro Site Supervisor on 9/25/2017.

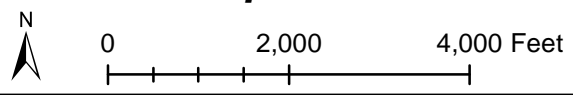
APPENDIX A
2017 PURPLE LOOSESTRIFE FIGURES AND DATA



Aerial Source: WROC; Spring 2015

Peshtigo Hydroelectric Project Purple Loosestrife Survey-2017

- Purple Loosestrife Severity**
- Large
 - Medium
 - Small
 - ▲ Colony Picked On Site



9/29/2017

Content may not reflect National Geographic's current

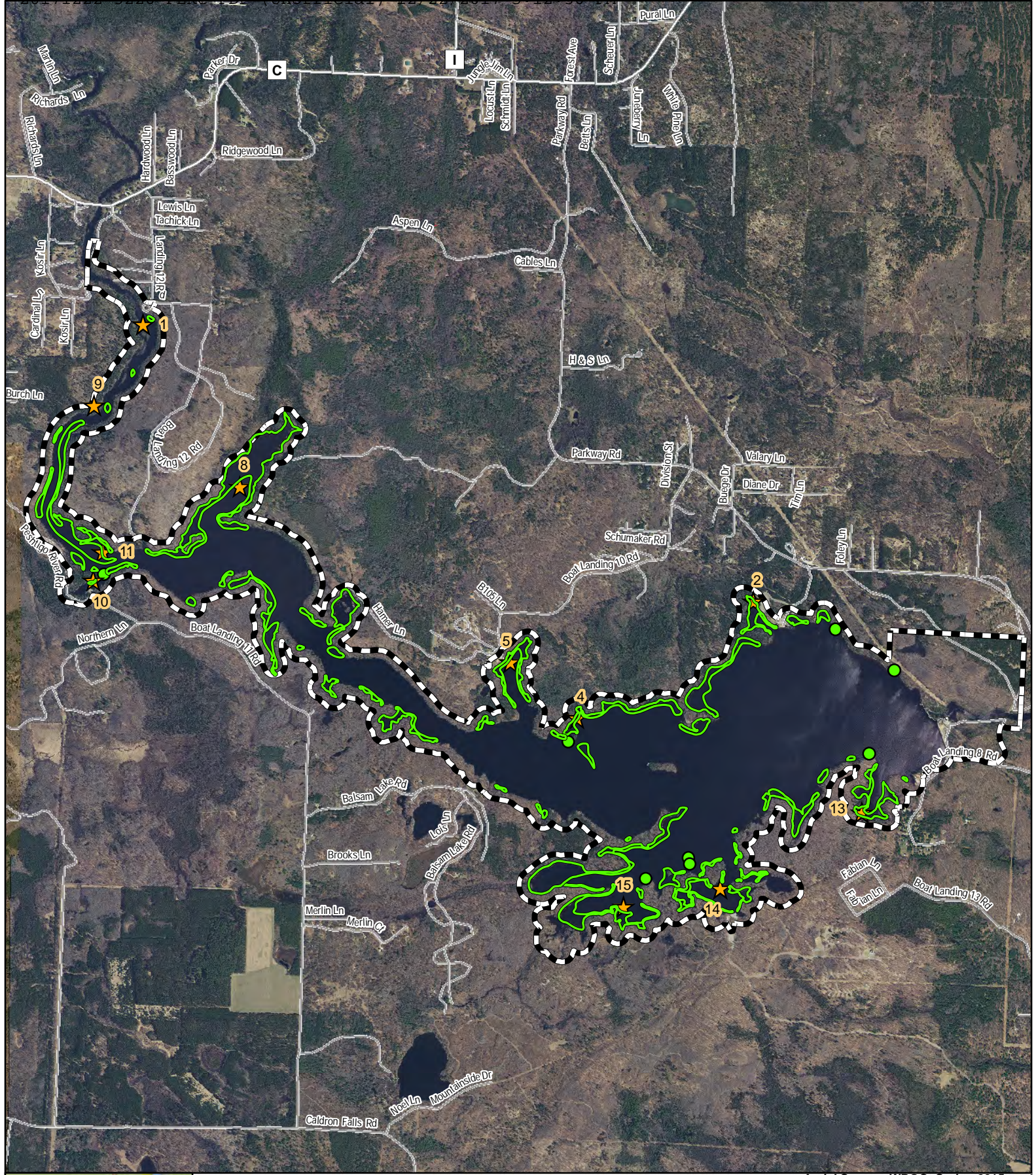
Purple Loosestrife Survey FormHydroelectric project: The Peshtigo Hydro Electric ProjectInspection date: August 15, 2017

Colony ID #	Colony Size S 0-5 M 6-50 L >50	General Plant Vigor			Beetle Feeding 5 = 0% feeding 4 = 1 - 25% feeding 3 = 26-50% feeding 2 = 51-75% feeding 1 = >76% feeding	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					
16								No Longer Able To Identify
17								No Longer Able To Identify
18								No Longer Able To Identify
19								No Longer Able To Identify
20	S 0-5	3	3	5	11	1 plant		1362
21								No Longer Able To Identify
22								No Longer Able To Identify
23								No Longer Able To Identify
24								No Longer Able To Identify
25								No Longer Able To Identify
26								No Longer Able To Identify
27								No Longer Able To Identify
28								No Longer Able To Identify
29								No Longer Able To Identify
30								No Longer Able To Identify

Purple Loosestrife Survey FormHydroelectric project: The Peshtigo Hydro Electric ProjectInspection date: August 15, 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				
31		No Longer Able To Identify						
32	S 0-5	3	3	5	11	NEW. 1 plant, pulled	1469	
33	S 0-5	3	3	4	10	NEW	1468	
34	S 0-5	3	3	4	10	NEW. 1 plant, pulled	1467	
35	S 0-5	2	2	4	8	NEW	1466	
36	M 6-50	3	3	4	10	NEW.	1465	
37	S 0-5	3	3	4	10	NEW. 1 plant, pulled	198	
38	S 0-5	3	3	3	9	NEW.	1463	
39	S 0-5	3	3	4	11	NEW. 4 total, pulled 3	1458	
40	S 0-5	3	3	4	11	NEW. 4 total, pulled 3	1457	
41	S 0-5	3	3	5	11	NEW. 5 total, pulled 4	1456	
42	M 6-50	2	3	3	8	NEW. 6 plants, pulled	1418	
43	S 0-5	2	3	3	8	NEW.	1422	
44	S 0-5	4	4	4	12	NEW. 2 plants, pulled	1427	
45	M 6-50	3	3	3	9	NEW.	1435	

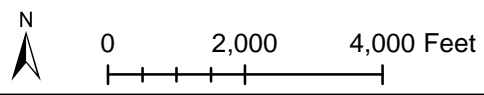
APPENDIX B
2017 EURASIAN WATER MILFOIL FIGURES AND DATA



Aerial Source: WROC; Spring 2015

Caldron Falls Hydroelectric Project Eurasian Water Milfoil Survey-2017

-  Transect Point
-  Observation Point
-  Observation Area
-  FERC Project Boundary



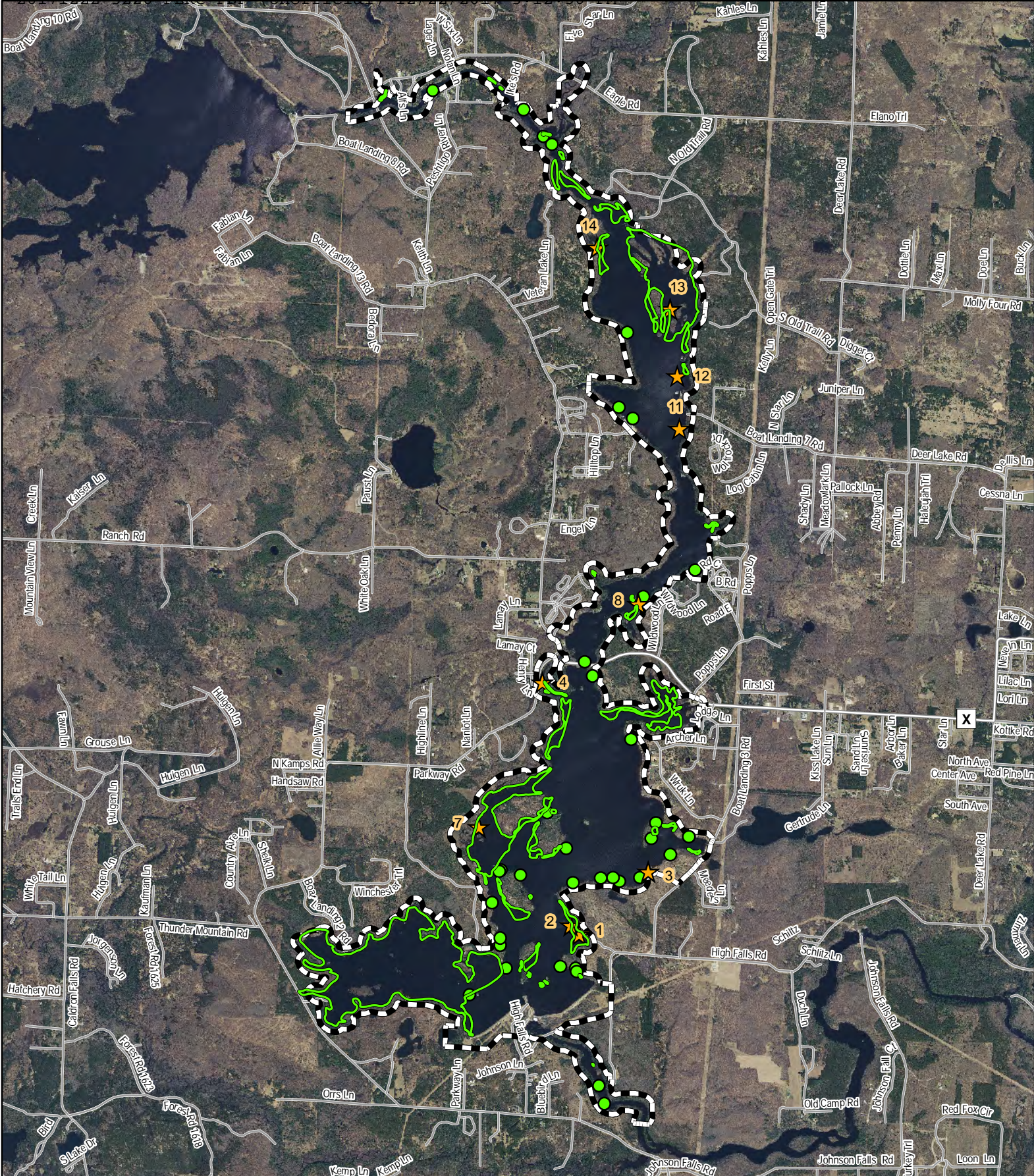
9/29/2017

2017 Eurasian Milfoil Surveys

Caldron Falls Hydroelectric Project

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	N/A	N/A	45 22.836
1B	0	0	0	N/A	88 18.040
1C	0	0	0	N/A	
2A	0	N/A	N/A	N/A	45 21.843
2B	1	2	N/A	N/A	88 14.843
2C	1	1	N/A	N/A	
3A					
3B					
3C					
4A	2	N/A	N/A	N/A	45 21.405
4B	3	0	N/A	N/A	88 15.751
4C	0	0	1	N/A	
5A	1	0	N/A	N/A	45 21.611
5B	0	0	N/A	N/A	88 16.107
5C	0	0	N/A	N/A	
6A					
6B					
6C					
7A					
7B					
7C					
8A	1	0	1	0	45 22.240
8B	0	0	0	0	88 17.520
8C	1	1	1	0	
9A	0	N/A	N/A	N/A	45 22.524
9B	0	0	N/A	N/A	88 18.289
9C	0	0	0	N/A	
10A	0	1	N/A	N/A	45 21.882
10B	0	1	3	N/A	88 18.284
10C	0	1	4	N/A	
11A	0	0	0	N/A	45 21.993
11B	0	0	0	0	88 18.235
11C	0	0	0	0	
12A					
12B					
12C	2	N/A	N/A	N/A	
13A	1	0	N/A	N/A	45 21.079
13B	1	0	0	N/A	88 14.255
13C				N/A	
14A	0	0	N/A	N/A	45 20.789
14B	0	0	0	N/A	88 14.992
14C	0	0	0	N/A	
15A	1	1	1	N/A	45 20.726
15B	1	0	1	N/A	88 15.494
15C	1	0	0	N/A	

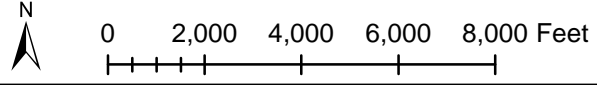
Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species, 4-Dominant Species Present, 5-Total Infestation



High Falls Hydroelectric Project Eurasian Water Milfoil Survey-2017

Aerial Source: WROC; Spring 2015

- Transect Point
- Observation Point
- Observation Area
- FERC Project Boundary



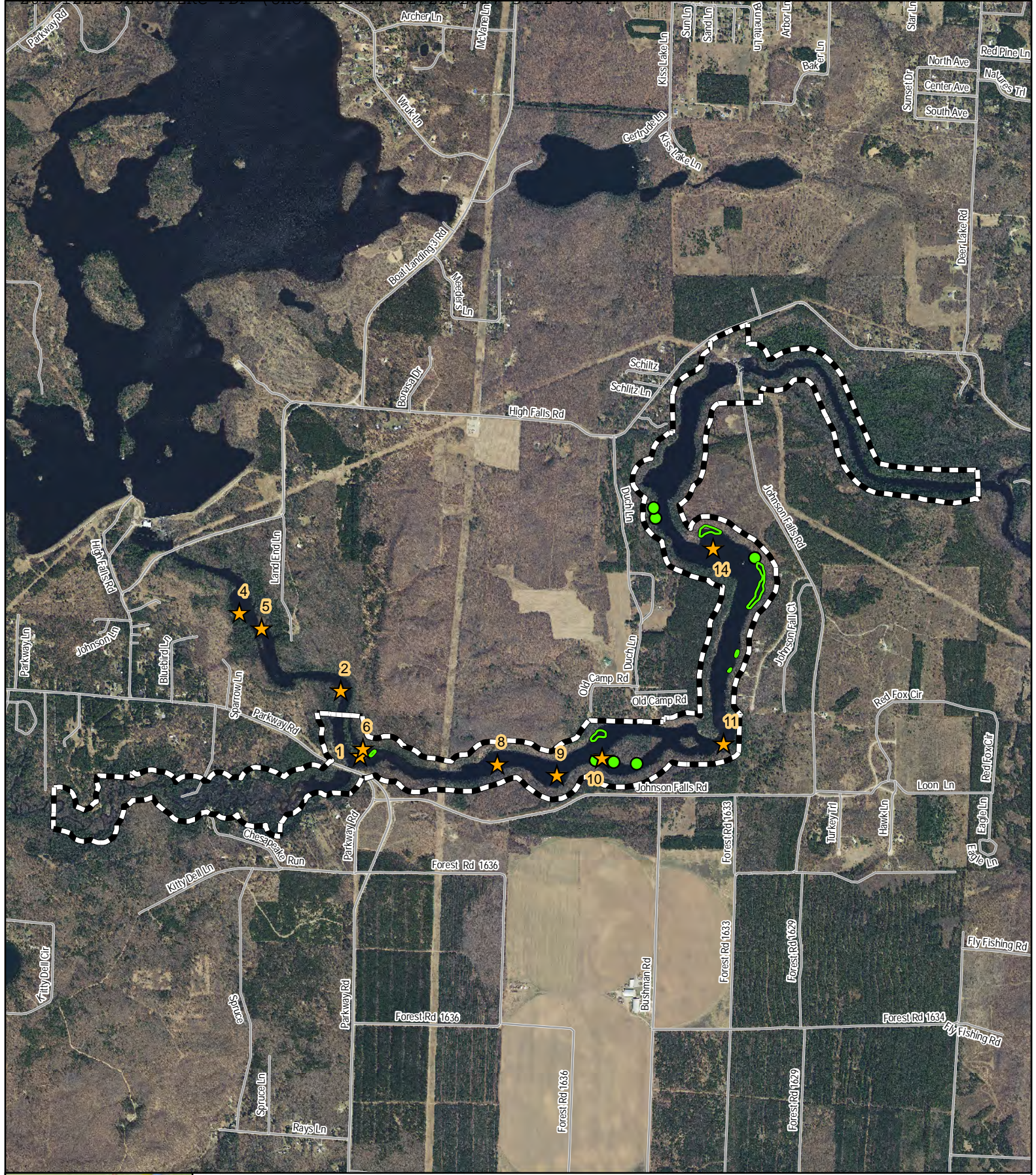
9/28/2017

2017 Eurasian Milfoil Surveys

High Falls Hydroelectric Project

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	0	0	45 17.211
1B	0	0	0	0	88 11.662
1C	0	0	0	0	
2A	0	0	0	0	45 17.259
2B	0	0	0	0	88 11.725
2C	1	1	1	1	
3A	0	0	N/A	N/A	45 17.542
3B	0	0	N/A	N/A	88 11.164
3C	0	0	N/A	N/A	
4A	0	0	0	N/A	45 18.514
4B	0	0	0	N/A	88 11.949
4C	0	0	0	N/A	
5A					
5B					
5C					
6A					
6B					
6C					
7A	0	0	N/A	N/A	45 17.763
7B	0	0	N/A	N/A	88 12.407
7C	0	0	N/A	N/A	
8A	0	0	N/A	N/A	45 18.924
8B	0	0	0	0	88 11.263
8C	0	0	0	0	
9A					
9B					
9C					
10A					
10B					
10C					
11A	0	0	0	N/A	45 19.833
11B	0	0	0	N/A	88 10.983
11C	0	0	0	N/A	
12A	0	0	N/A	N/A	45 20.104
12B	0	0	N/A	N/A	88 11.003
12C	0	0	0	N/A	
13A	0	0	0	N/A	45 20.450
13B	0	0	0	N/A	88 11.065
13C	0	0	N/A	N/A	
14A	0	N/A	N/A	N/A	45 20.762
14B	0	N/A	N/A	N/A	88 11.606
14C	0	N/A	N/A	N/A	
15A					
15B					
15C					

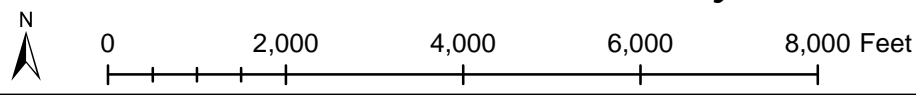
Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species, 4-Dominant Species Present, 5-Total Infestation



Johnson Falls Hydroelectric Project Eurasian Water Milfoil Survey-2017

Aerial Source: WROC; Spring 2015

- Transect Point
- Observation Point
- Observation Area
- FERC Project Boundary



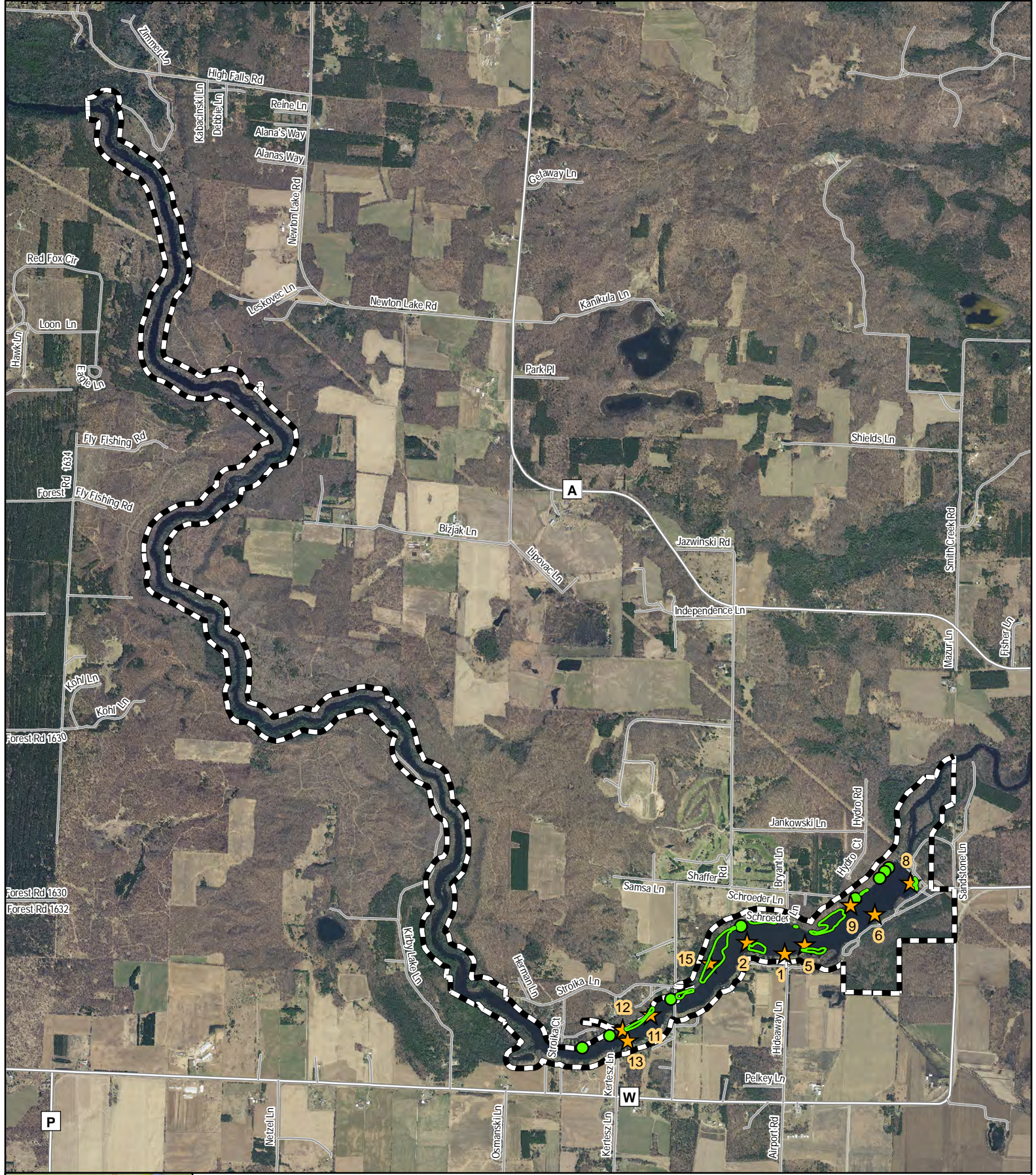
9/28/2017

2017 Eurasian Milfoil Surveys

Johnson Falls Hydroelectric Project

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	N/A	N/A	N/A	45 16.490
1B	0	0	N/A	N/A	88 11.134
1C	0	0	N/A	N/A	
2A	0	N/A	N/A	N/A	45 16.295
2B	0	0	N/A	N/A	88 11.205
2C	0	0	N/A	N/A	
3A					
3B					
3C					
4A	0				45 16.535
4B	0				88 11.584
4C	0				
5A	0				45 16.498
5B	0				88 11.498
5C	0				
6A	0	0	N/A	N/A	45 16.161
6B	0	1	N/A	N/A	88 11.074
6C	1	1	1	N/A	
7A					
7B					
7C					
8A	0	0	N/A	N/A	45 16.107
8B	0	0	N/A	N/A	88 10.588
8C	0	0	0	N/A	
9A	0	N/A	N/A	N/A	45 16.091
9B	0	0	N/A	N/A	88 10.317
9C	0	0	0	0	
10A	0	0	N/A	N/A	45 16.131
10B	0	0	N/A	N/A	88 10.141
10C	0	0	0	N/A	
11A	0	N/A	N/A	N/A	45 16.181
11B	0	0	N/A	N/A	88 09.644
11C	0	0	0	0	
12A					
12B					
12C					
13A					
13B					
13C					
14A	0	0	0	N/A	45 16.717
14B	0	0	0	N/A	88 09.681
14C	0	0	0	N/A	
15A					
15B					
15C					

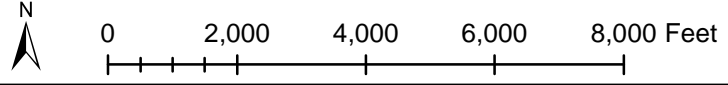
Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species,
4-Dominant Species Present, 5-Total Infestation



Sandstone Rapids Hydroelectric Project Eurasian Water Milfoil Survey-2017

Aerial Source: WROC; Spring 2015

- ★ Transect Point
- Observation Point
- Observation Area
- FERC Project Boundary



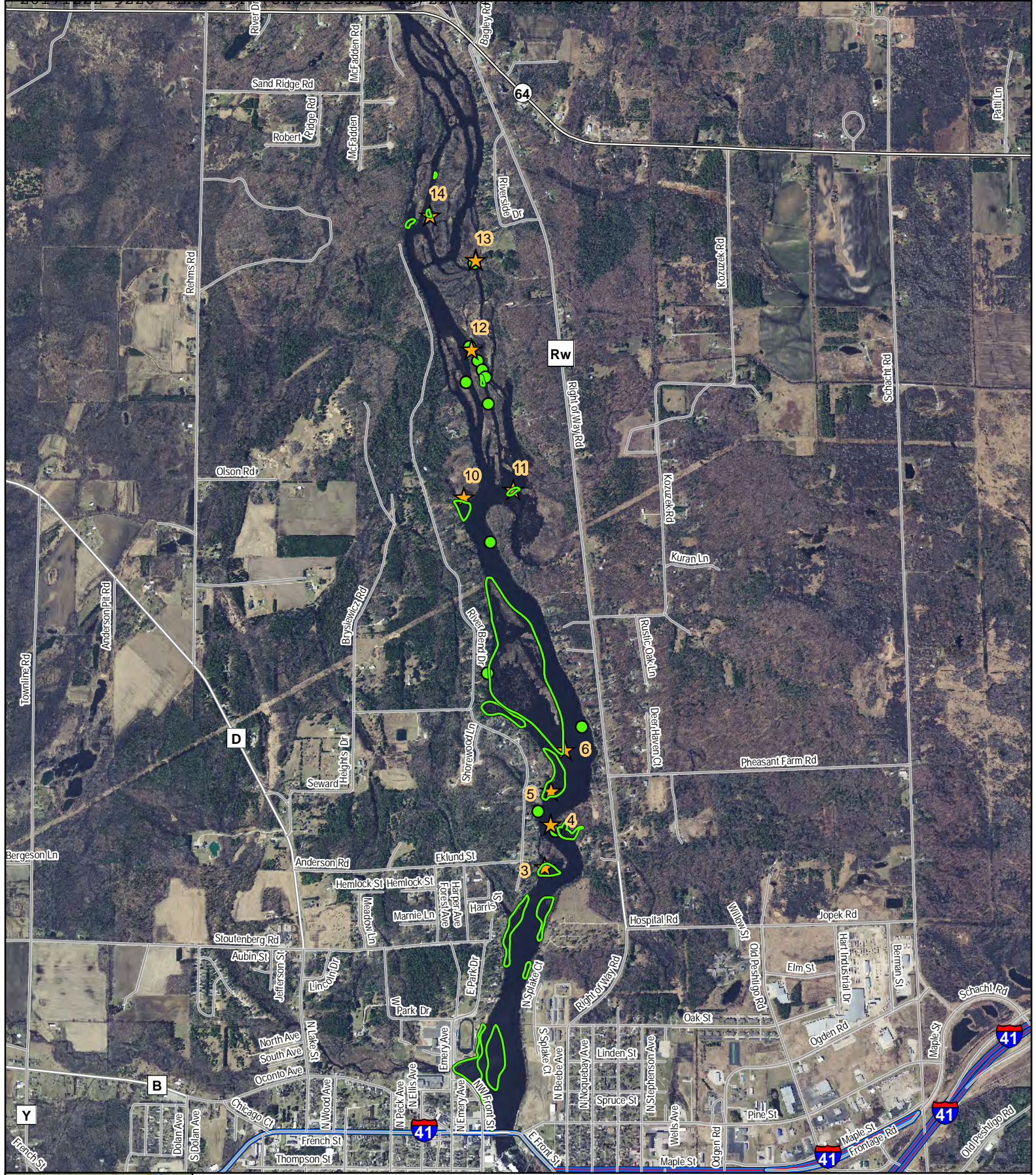
9/28/2017

2017 Eurasian Milfoil Surveys

Sandstone Rapids Hydroelectric Project

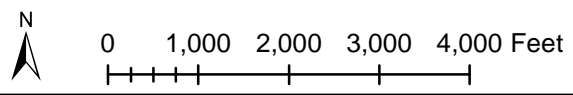
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	N/A	N/A	N/A	45 13.660
1B	0	0	N/A	N/A	88 04.711
1C	0	0	N/A	N/A	
2A	0	0	N/A	N/A	45 13.695
2B	0	0	N/A	N/A	88 04.898
2C	0	0	N/A	N/A	
3A					
3B					
3C					
4A					
4B					
4C					
5A	1	0	1	N/A	45 13.680
5B	0	1	0	N/A	88 04.595
5C	0	0	0	N/A	
6A	0	0	N/A	N/A	45 13.807
6B	0	0	N/A	N/A	88 04.223
6C	0	0	0	N/A	
7A					
7B					
7C					
8A	1	1	N/A	N/A	45 13.924
8B	1	1	N/A	N/A	88 04.014
8C	1	2	1	N/A	
9A	0	N/A	N/A	N/A	45 13.818
9B	0	0	N/A	N/A	88 04.415
9C	0	0	0	N/A	
10A					
10B					
10C					
11A	1	N/A	N/A	N/A	45 13.403
11B	0	0	N/A	N/A	88 05.430
11C	0	0	N/A	N/A	
12A	0	N/A	N/A	N/A	45 13.355
12B	0	0	N/A	N/A	88 05.592
12C	0	0	N/A	N/A	
13A	0	0	0	N/A	45 13.289
13B	0	0	0	N/A	88 05.592
13C	0	0	0	N/A	
14A					
14B					
14C					
15A	0	1	N/A	N/A	45 13.612
15B	1	2	2	N/A	88 05.141
15C	0	1	2	N/A	

Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species, 4-Dominant Species Present, 5-Total Infestation



Peshtigo Hydroelectric Project Eurasian Water Milfoil Survey-2017

- ★ Transect Point
- Observation Point
- Observation Area

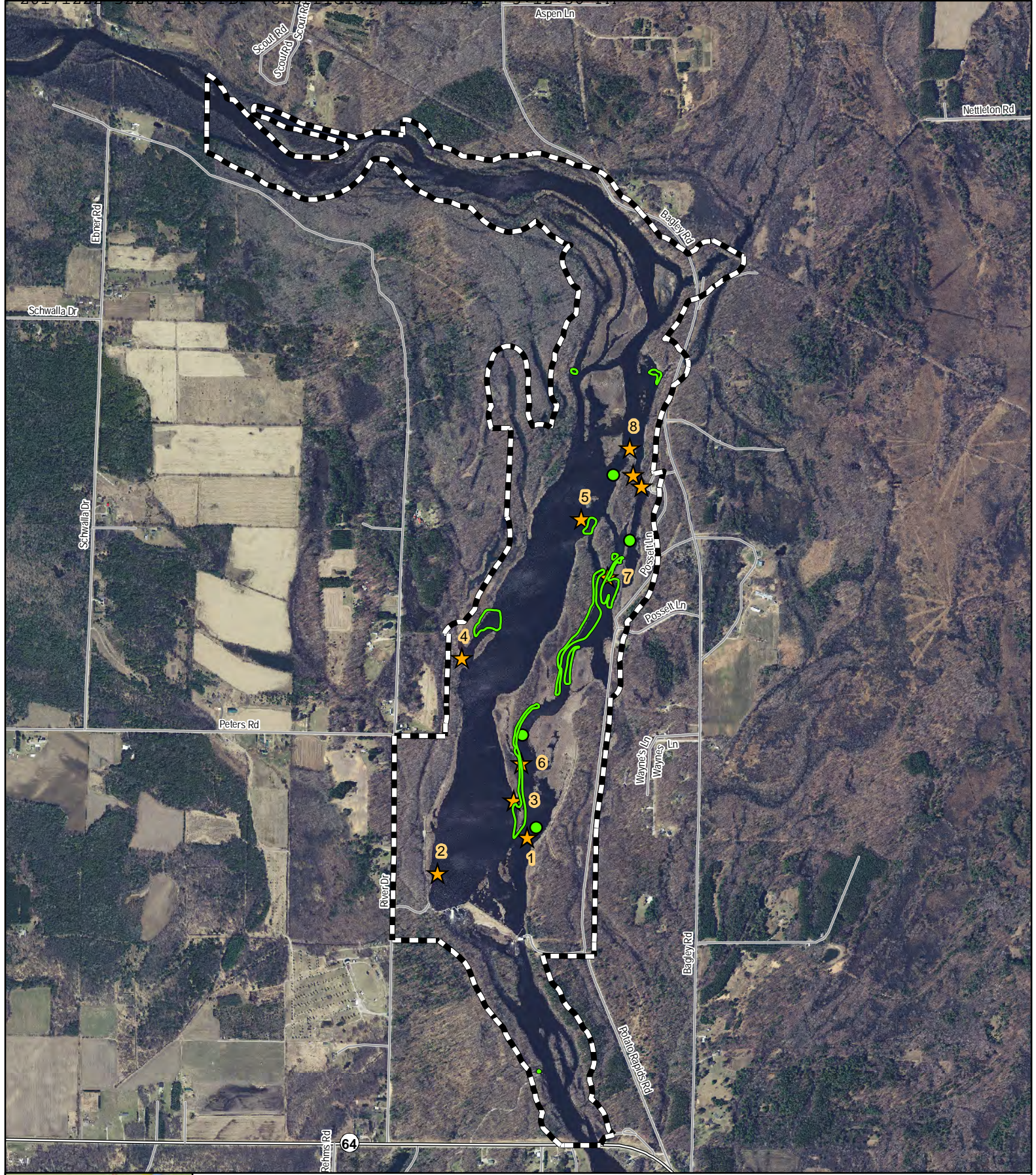


2017 Eurasian Milfoil Surveys

Peshtigo River Hydroelectric Project

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	N/A	N/A	45 03.332
1B	0	0	N/A	N/A	87 44.925
1C	0	0	N/A	N/A	
2A					
2B					
2C					
3A	2	2	N/A	N/A	45 04.010
3B	0	0	N/A	N/A	87 44.708
3C	2	1	N/A	N/A	
4A	0	N/A	N/A	N/A	45 04.129
4B	0	0	N/A	N/A	87 44.687
4C	0	0	0	0	
5A	1	3	N/A	N/A	45 04.223
5B	0	0	N/A	N/A	87 44.687
5C	0	0	N/A	N/A	
6A	0	0	N/A	N/A	45 04.338
6B	1	2	N/A	N/A	87 44.634
6C	2	2	1	N/A	
7A					
7B					
7C					
8A					
8B					
8C					
9A					
9B					
9C					
10A	0	0	N/A	N/A	45 05.038
10B	0	2	N/A	N/A	87 45.039
10C	2	2	N/A	N/A	
11A	0	0	N/A	N/A	45 05.060
11B	1	2	N/A	N/A	87 44.846
11C	2	2	2	N/A	
12A	1	1	N/A	N/A	45 05.450
12B	0	1	N/A	N/A	87 45.015
12C	1	1	N/A	N/A	
13A	0	0	N/A	N/A	45 05.699
13B	0	0	N/A	N/A	87 45.002
13C	0	0	N/A	N/A	
14A	0	0	N/A	N/A	45 05.822
14B	0	0	N/A	N/A	87 45.184
14C	0	0	N/A	N/A	
15A					
15B					
15C					

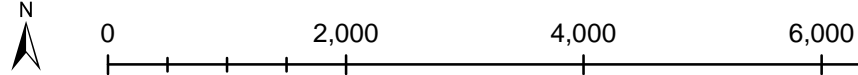
Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species, 4-Dominant Species Present, 5-Total Infestation



Potato Rapids Hydroelectric Project Eurasian Water Milfoil Survey-2017

Aerial Source: WROC; Spring 2015

- Transect Point
- Observation Point
- Observation Area
- FERC Project Boundary



9/28/2017

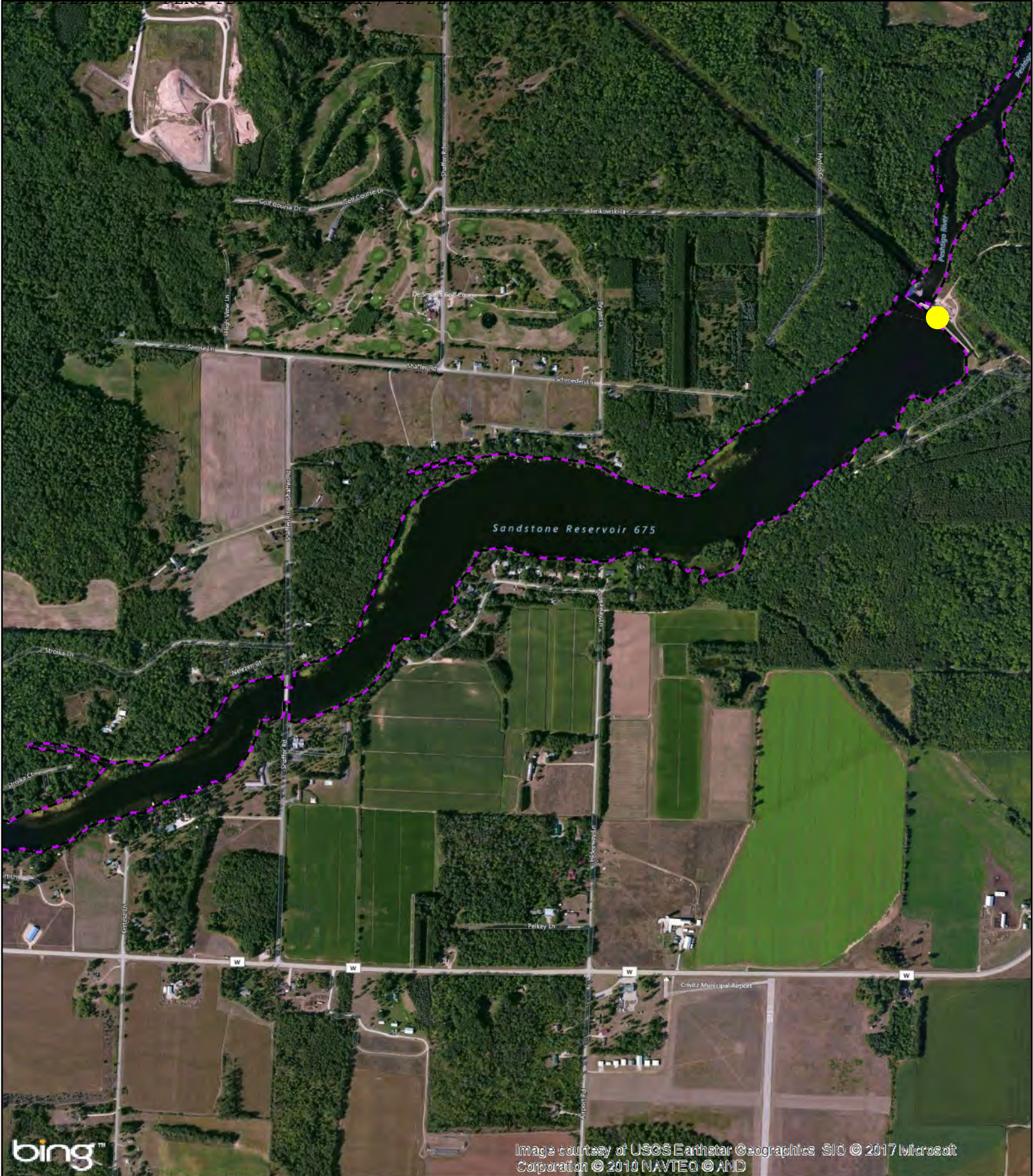
2017 Eurasian Milfoil Surveys

Potato Rapids Hydroelectric Project

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	N/A	N/A	45 07.054
1B	0	0	N/A	N/A	87 45.478
1C	0	0	0	N/A	
2A	0	0	N/A	N/A	45 06.959
2B	0	0	N/A	N/A	87 45.639
2C	0	0	0	0	
3A	0	0	N/A	N/A	45 07.121
3B	0	0	0	N/A	87 45.546
3C	0	0	0	N/A	
4A	0	0	N/A	N/A	45 07.458
4B	0	1	N/A	N/A	87 45.663
4C	0	0	N/A	N/A	
5A	0	0	N/A	N/A	45 07.676
5B	1	1	N/A	N/A	87 45.348
5C	0	0	N/A	N/A	
6A	1	0	N/A	N/A	45 07.209
6B	0	0	0	0	87 45.535
6C	0	0	0	0	
7A	0	0	N/A	N/A	45 07.602
7B	0	0	N/A	N/A	87 45.209
7C	0	0	0	N/A	
8A	0	0	N/A	N/A	45 07.865
8B	0	0	0	N/A	87 45.176
8C	0	0	0	N/A	
9A	0	0	N/A	N/A	45 07.786
9B	0	0	0	N/A	87 45.171
9C	0	0	0	N/A	
10A	0	0	N/A	N/A	45 07.769
10B	0	0	0	N/A	87 45.161
10C	0	0	0	0	
11A					
11B					
11C					
12A					
12B					
12C					
13A					
13B					
13C					
14A					
14B					
14C					
15A					
15B					
15C					

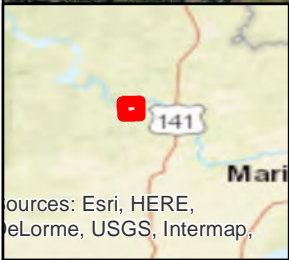
Abundance Scale: 0-Absent, 1-Present, 2-Presence Less Than Half, 3-Equal Presence Compared to Other Species, 4-Dominant Species Present, 5-Total Infestation

APPENDIX C
2017 ZEBRA MUSSEL OBSERVATION FIGURES AND PICTURES



bing™

Image courtesy of USGS Earthstar Geographics, SIG © 2017 Microsoft Corporation © 2010 NAVTEQ © AND




Sandstone Rapids Hydroelectric Project

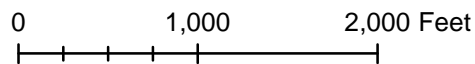
Zebra Mussel Monitoring

Aerial Source: Bing Maps



 Zebra Mussel Location

 Project Polygon



3/16/2017







APPENDIX D
2017 ZEBRA MUSSEL FIGURES AND DATA

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2016

Caldron Falls Johnson Falls High Falls Sandstone Rapids

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 5-16-16
COMMENTS/RESULTS: 0 residents

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 6-8-16
COMMENTS/RESULTS: 0 residents

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 7-8-16
COMMENTS/RESULTS: No Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 8-8-16
COMMENTS/RESULTS: No Zebra mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 9-15-16
COMMENTS/RESULTS: No Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS:

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2016

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>5 15 16</u>	<i>None</i>
COMMENTS/RESULTS:		

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>6 8 16</u>	<i>None</i>
COMMENTS/RESULTS:		

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>7 7 16</u>	<i>None</i>
COMMENTS/RESULTS:		

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>8 11 16</u>	<i>None</i>
COMMENTS/RESULTS:		

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>9 28 16</u>	<i>None</i>
COMMENTS/RESULTS:		

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	_____	
COMMENTS/RESULTS:		

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2016

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>5-4</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>6-7</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>7-8</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>8-2</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>9-13</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	_____	
COMMENTS/RESULTS:	_____	

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2016

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>5-4</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>6-7</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>7-11</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>8-2</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>9-13</u>	
COMMENTS/RESULTS:	None	

INSPECTION TYPE:	<input type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	_____	
COMMENTS/RESULTS:		

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME Potato Rapids 2016
 Caldron Falls Johnson Falls High Falls Sandstone Rapids

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 5-16-16 0 Zebra Mussels
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 6-6-16 0 Zebra Mussels
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 7-25-16 0 Zebra Mussels
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 8-4-16 0 Zebra Mussels
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 9-29-16 0 Zebra Mussels
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS:

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME Peshigo 2016

- Caldron Falls Johnson Falls High Falls Sandstone Rapids

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 5-5-16 0 Resident
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 6-13-16 0 Residents
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 7-6-16 0 Resident
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 8-3-16 0 Residents
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 9-15-16 0 Resident
COMMENTS/RESULTS:

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS:

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2017

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 5-22
COMMENTS/RESULTS: No Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 6-22-17
COMMENTS/RESULTS: No Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 7-29-17
COMMENTS/RESULTS: No residents

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 8-23-17
COMMENTS/RESULTS: No occupants

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 9-5-17
COMMENTS/RESULTS: Vacant

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS:

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2017

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-10-17
 COMMENTS/RESULTS: Put trap back in river

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-23-17
 COMMENTS/RESULTS: Hotel Empty

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-20-17
 COMMENTS/RESULTS: No Zebras

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-14-17
 COMMENTS/RESULTS: No Zebras Here

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-21-17
 COMMENTS/RESULTS: 0 Zebra Mussel

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 9-20-17
 COMMENTS/RESULTS: 0 Zebra Mussel

22.22
15.74
Dry

**ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS**

HYDRO NAME

2017

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>4-26-17</u> DB
COMMENTS/RESULTS: 0

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>5-23-17</u> DB
COMMENTS/RESULTS: 0

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>6-27-17</u> DB
COMMENTS/RESULTS: 0

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>7-7-17</u> DB
COMMENTS/RESULTS: 0

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>8-15-17</u> DB
COMMENTS/RESULTS: 0

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>9-12-17</u> DB
COMMENTS/RESULTS: 0 Zebra Mussels

2/16/2017 - 1 zebra mussel found attached to a headwater instrument cable at the Sandstone Rapids dam intake.

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

2017

Caldron Falls

Johnson Falls

High Falls

Sandstone Rapids

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>5-18</u> Both	
COMMENTS/RESULTS:	Vacant +	

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>6-20</u> Both	
COMMENTS/RESULTS:	Vacant	

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>7-14</u>	
COMMENTS/RESULTS:	Vacant	

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>8-14</u>	
COMMENTS/RESULTS:	Vacant BOTH	

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	<u>9-2</u> Both	
COMMENTS/RESULTS:	0 23	

INSPECTION TYPE:	<input checked="" type="checkbox"/> MONTHLY INSPECTION	<input checked="" type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE:	_____	
COMMENTS/RESULTS:	_____	

Peshigo