

ORIGINAL



**FILED
OFFICE OF THE
SECRETARY**

Wisconsin Public Service Corporation
(a subsidiary of WPS Resources Corporation)
600 North Adams Street
P.O. Box 19002
Green Bay, WI 54307-9002

October 26, 2005

2005 OCT 27 P 1: 34

**FEDERAL ENERGY
REGULATORY COMMISSION**
Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
Mail Code: DTCA, HL 21.3
888 First Street, N.E.
Washington, DC 20426

Dear Secretary Salas:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the annual survey results for purple loosestrife, Eurasian watermilfoil, and zebra mussels.

All of the above mentioned projects were surveyed for purple loosestrife and Eurasian watermilfoil in July or early August. The presence of purple loosestrife was only identified at the Peshtigo Project where there is a history of occurrence. A map indicating the location and colony size is located in Appendix A.

Eurasian watermilfoil was found on Caldron Falls, High Falls and Sandstone Rapids. The Peshtigo and Johnson Falls Projects did not indicate the presence of Eurasian watermilfoil during the 2005 survey. Only the High Falls Project had collected aquatic macrophyte samples with a relatively high abundance of Eurasian watermilfoil. As in previous years there was no evidence of Eurasian watermilfoil found on Potato Rapids. A summary of the results has been included in Appendix B.

Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects for the months of May through September. Zebra mussels were not found at any of the six projects during any of the monthly 2005 inspections. Additionally, zebra mussel surveys were conducted in-conjunction with drawdown activities at the High Falls and Johnson Falls Hydroelectric Projects. Surveys were conducted at a minimum of every other day on the High Falls Hydroelectric Project from September 7th to September 19th, 2005. A total of three surveys were conducted at the Johnson Falls Hydroelectric Project on September 21, 23 and 25, 2005. A summary of the results of the monthly inspections has been included in Appendix C.

Documentation of submittal of these results to the agencies can be found in Appendix D.

If you should have any questions, please do not hesitate to contact James Nuthals at (920) 433-1460.

Sincerely,

Terry P. Jensky
Assistant Vice President - Energy Supply Operations
Telephone: (715) 355-2047

syx

Enc.

- cc: Ms. Terrie Taylor - WPSC, CRI
- Mr. Bruce Crocker - WPSC, D2
- Mr. Gil Snyder - WPSC, D2
- Ms. Peggy Harding - FERC, Chicago
- Ms. Joan Johaneck - WPSC, D2
- Ms. Carlisa Linton - FERC, DC

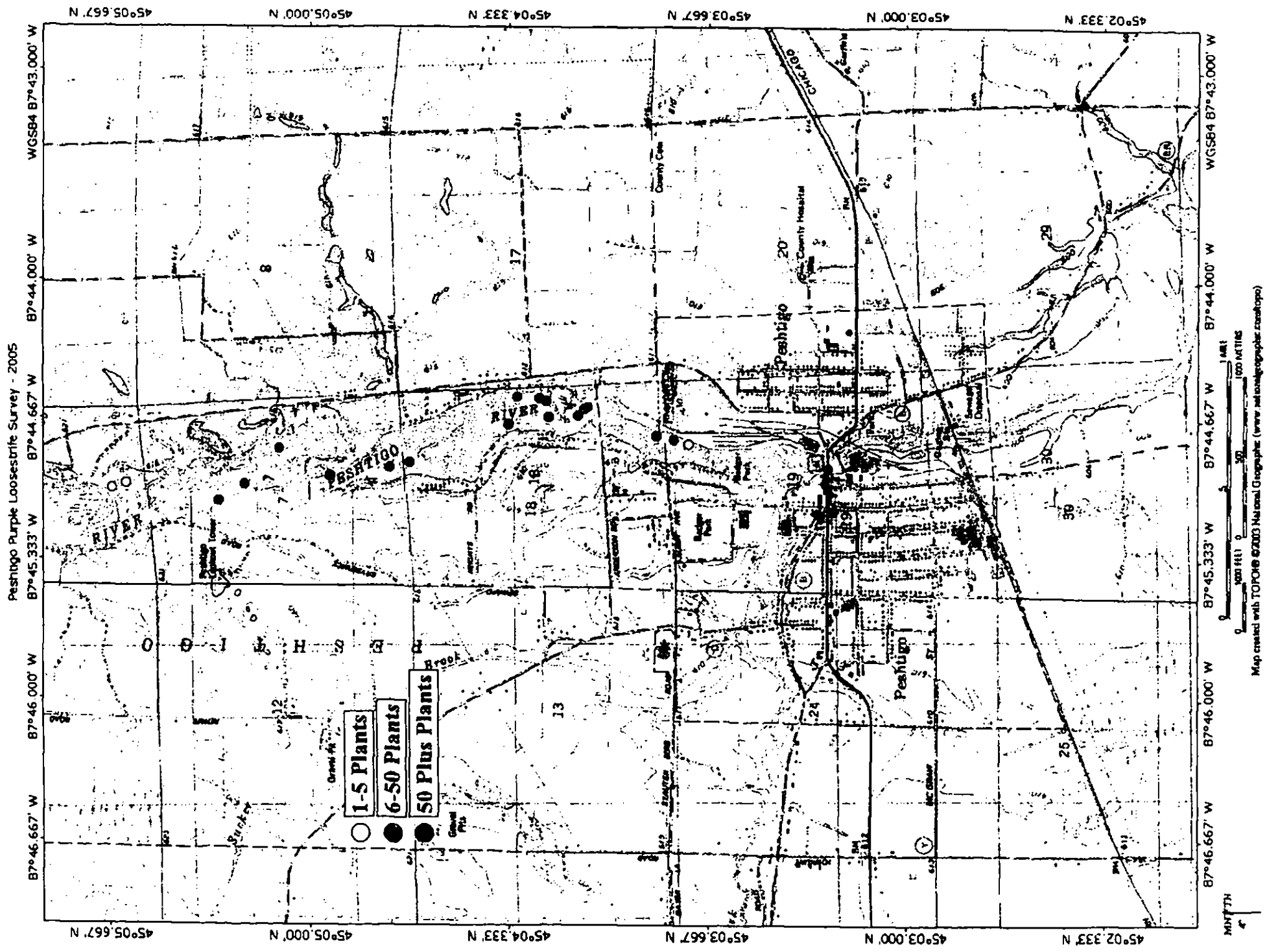
APPENDIX A

PURPLE LOOSESTRIFE SURVEYS – 2005

Purple Loosestrife Survey - 2005

Peshigo

Number	Latitude	Longitude	Amount
1	45 03.259	87 44.890	6-50 Plants
2	45 03.728	87 44.776	1-5 Plants
3	45 03.778	87 44.755	6-50 Plants
4	45 03.839	87 44.739	6-50 Plants
5	45 04.069	87 44.602	6-50 Plants
6	45 04.082	87 44.808	50+ Plants
7	45 04.101	87 44.841	6-50 Plants
8	45 04.197	87 44.650	6-50 Plants
9	45 04.206	87 44.570	6-50 Plants
10	45 04.228	87 44.561	6-50 Plants
11	45 04.303	87 44.550	6-50 Plants
12	45 04.932	87 44.932	50+ Plants
13	45 04.332	87 44.683	6-50 Plants
14	45 04.665	87 44.864	50+ Plants
15	45 04.732	87 44.890	50+ Plants
16	45 05.214	87 44.974	6-50 Plants
17	45 05.302	87 45.051	6-50 Plants
18	45 05.099	87 44.805	6-50 Plants
19	45 05.810	87 44.970	1-5 Plants
20	45 05.855	87 44.994	1-5 Plants



APPENDIX B

EURASIAN WATERMILFOIL SURVEYS – 2005

Eurasian Milfoil Surveys - 2005

Peshtigo

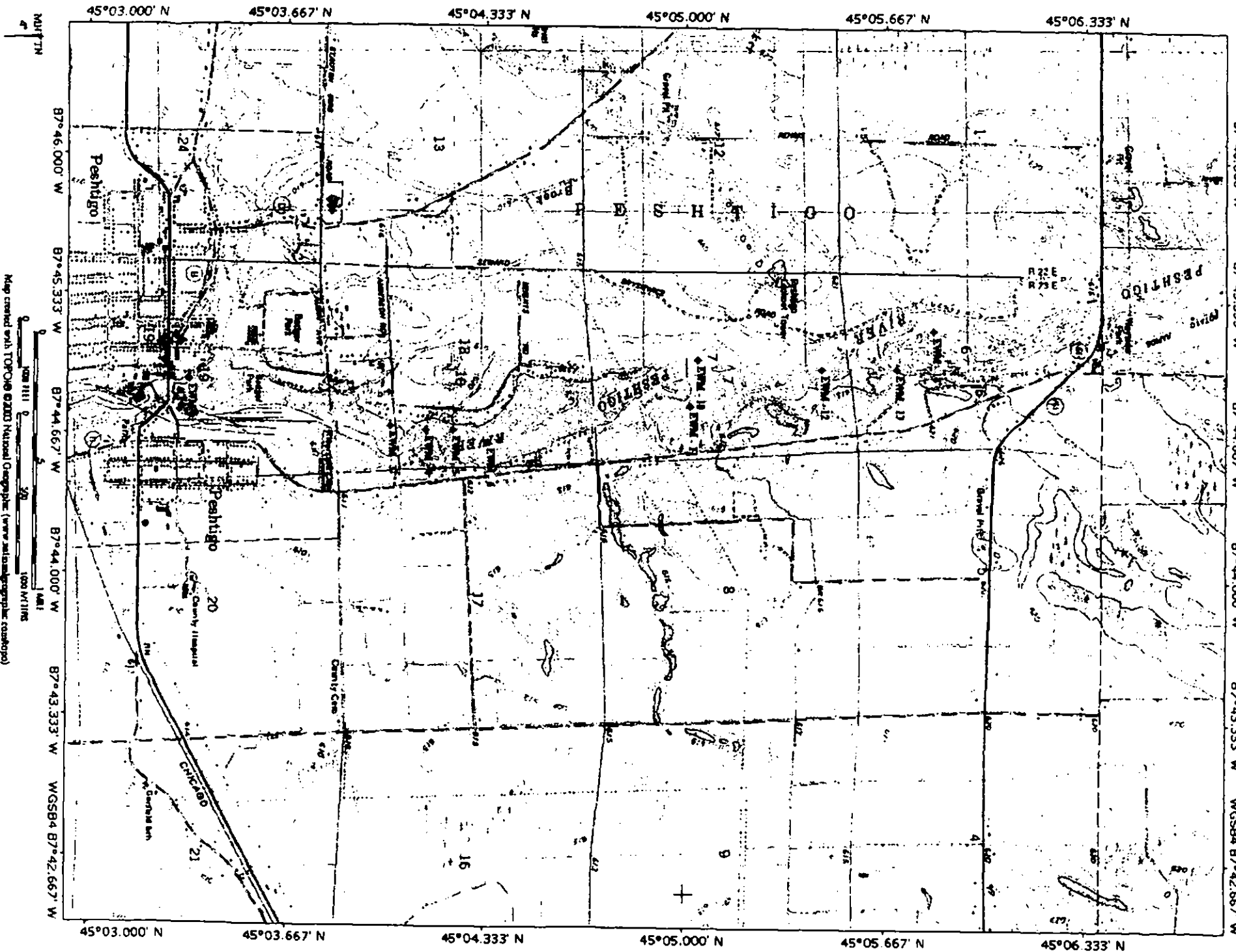
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	N/A	N/A	45 03.332
1B	0	0	N/A	N/A	87 44.925
1C	0	0	0	N/A	
2A					
2B					
2C					
3A	0	0	0	N/A	45 04.010
3B	0	0	0	N/A	87 44.708
3C	0	0	0	N/A	
4A	0	0	N/A	N/A	45 04.129
4B	0	0	N/A	N/A	87 44.687
4C	0	0	N/A	N/A	
5A	0	0	0	N/A	45 04.223
5B	0	0	0	N/A	87 44.687
5C	0	0	N/A	N/A	
6A	0	0	0	N/A	45 04.338
6B	0	0	0	N/A	87 44.634
6C	0	0	0	N/A	
7A					
7B					
7C					
8A					
8B					
8C					
9A					
9B					
9C					
10A	0	0	0	N/A	45 05.038
10B	0	0	0	N/A	87 45.039
10C	0	0	0	N/A	
11A	0	0	0	N/A	45 05.013
11B	0	0	0	N/A	87 44.817
11C	0	0	0	N/A	
12A	0	0	0	N/A	45 05.450
12B	0	0	0	N/A	87 44.998
12C	0	0	0	N/A	
13A	0	0	0	N/A	45 05.699
13B	0	0	0	N/A	87 45.002
13C	0	0	0	N/A	
14A	0	0	0	N/A	45 05.822
14B	0	0	0	N/A	87 45.184
14C	0	0	0	N/A	
15A					
15B					
15C					

N/A: Not Applicable

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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

Peshigo Eurasian Water Millol Survey - 2005



Eurasian Milfoil Surveys - 2005

Johnson Falls

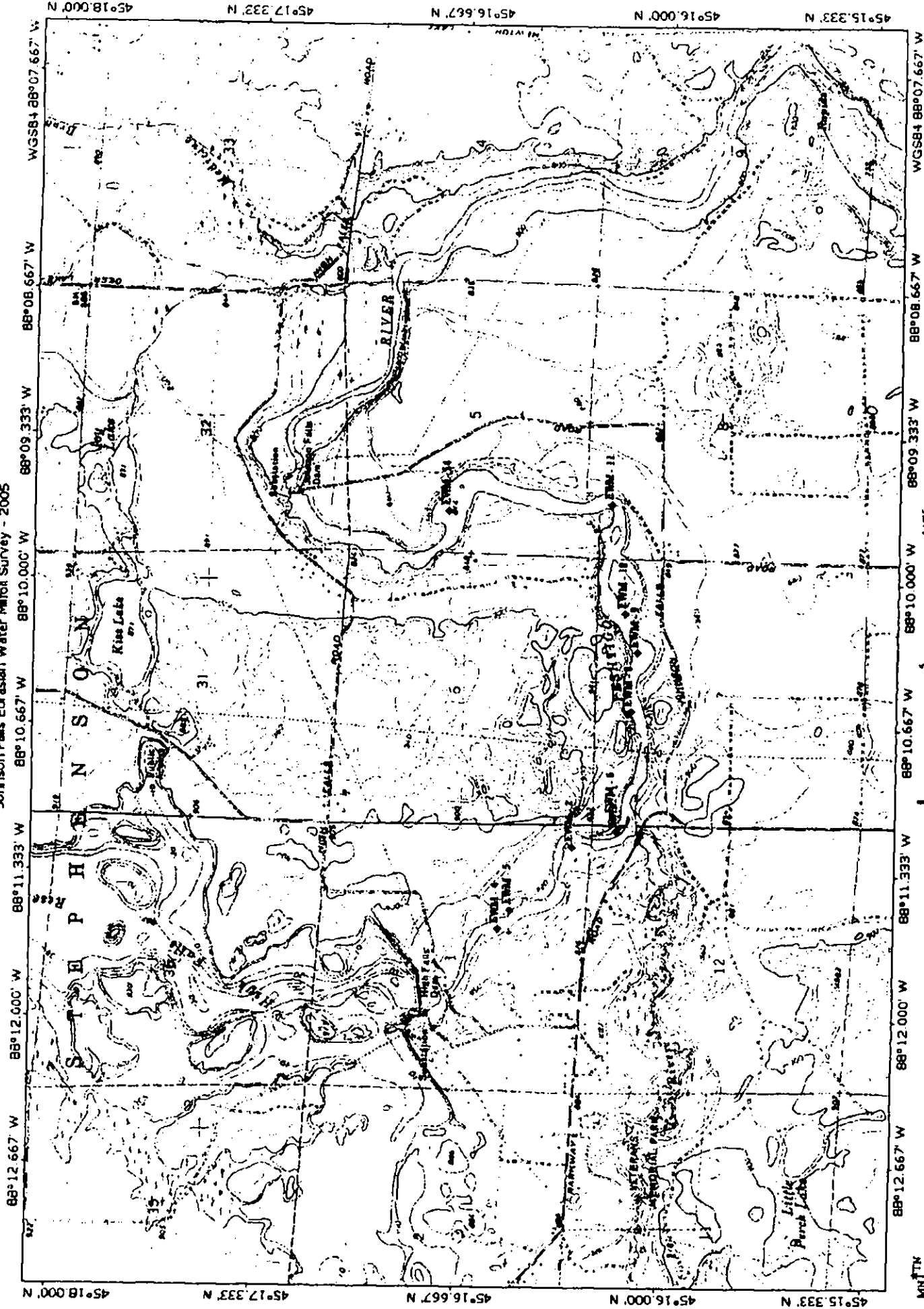
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	0	N/A	45 16.149
1B	0	0	0	N/A	88 11.134
1C	0	0	0	0	
2A	0	0	N/A	N/A	45 16.295
2B	0	0	N/A	N/A	88 11.205
2C	0	0	N/A	N/A	
3A					
3B					
3C					
4A	0	0	N/A	N/A	45 16.535
4B	0	0	N/A	N/A	88 11.584
4C	0	0	N/A	N/A	
5A	0	0	N/A	N/A	45 16.498
5B	0	0	N/A	N/A	88 11.498
5C	0	0	N/A	N/A	
6A	0	0	N/A	N/A	45 16.161
6B	0	0	N/A	N/A	88 11.074
6C	0	0	N/A	N/A	
7A					
7B					
7C					
8A	0	0	0	N/A	45 16.107
8B	0	0	0	N/A	88 10.588
8C	0	0	0	N/A	
9A	0	0	0	0	45 16.091
9B	0	0	0	0	88 10.317
9C	0	0	0	0	
10A	0	0	0	N/A	45 16.131
10B	0	0	0	N/A	88 10.141
10C	0	0	0	N/A	
11A	0	0	0	0	45 16.181
11B	0	0	0	0	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					

N/A: Not Applicable

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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

Johnson Falls Eurasian Water Millot Survey - 2005



Map created with TOPCON 62007 National Geographic (www.nationalgeographic.com/topcon)

Scale: 1:50,000

1 Mile = 1609.344 Meters

1000 Meters = 3280.84 Feet

North Arrow

Eurasian Milfoil Surveys - 2005

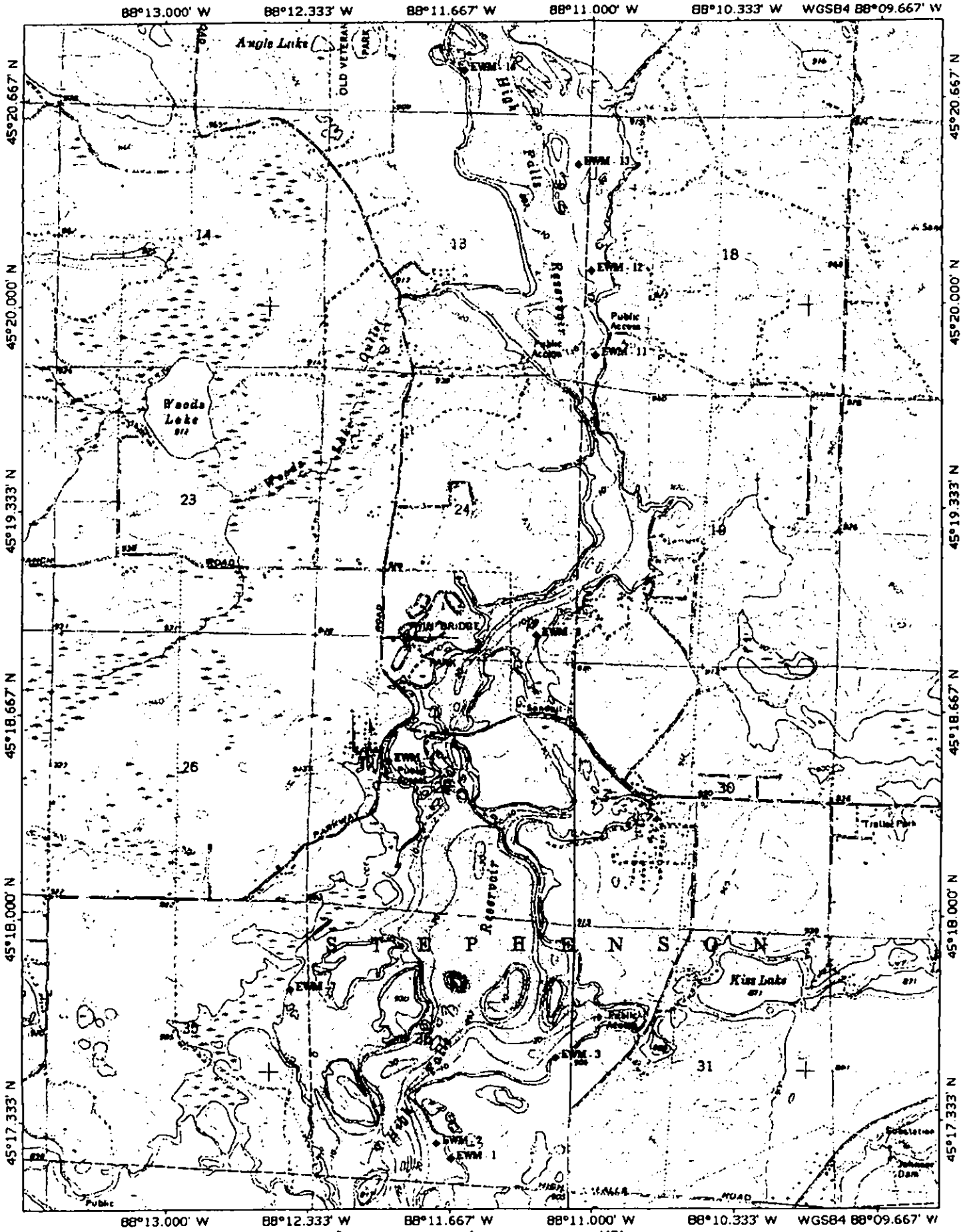
High Falls

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	0	N/A	45 17.211
1B	0	0	0	N/A	88 11.662
1C	0	0	0	N/A	
2A	0	2	1	N/A	45 17.259
2B	0	1	1	N/A	88 11.725
2C	0	1	0	N/A	
3A	0	0	0	N/A	45 17.542
3B	0	1	1	N/A	88 11.164
3C	0	0	0	0	
4A	0	0	0	0	45 18.514
4B	0	0	0	0	88 11.949
4C	0	0	0	0	
5A					
5B					
5C					
6A					
6B					
6C					
7A	4	0	3	N/A	45 17.763
7B	2	2	2	N/A	88 12.407
7C	0	2	4	N/A	
8A	4	4	3	N/A	45 18.924
8B	4	4	4	N/A	88 11.263
8C	0	1	1	N/A	
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	3	0	N/A	45 20.104
12B	0	3	1	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	0	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					

N/A: Not Applicable
 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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

High Falls Eurasian Water Millfol Survey - 2005



MN
36°



Map created with TOPO © 2003 National Geographic (www.nationalgeographic.com/topo)

Eurasian Milfoil Surveys - 2005

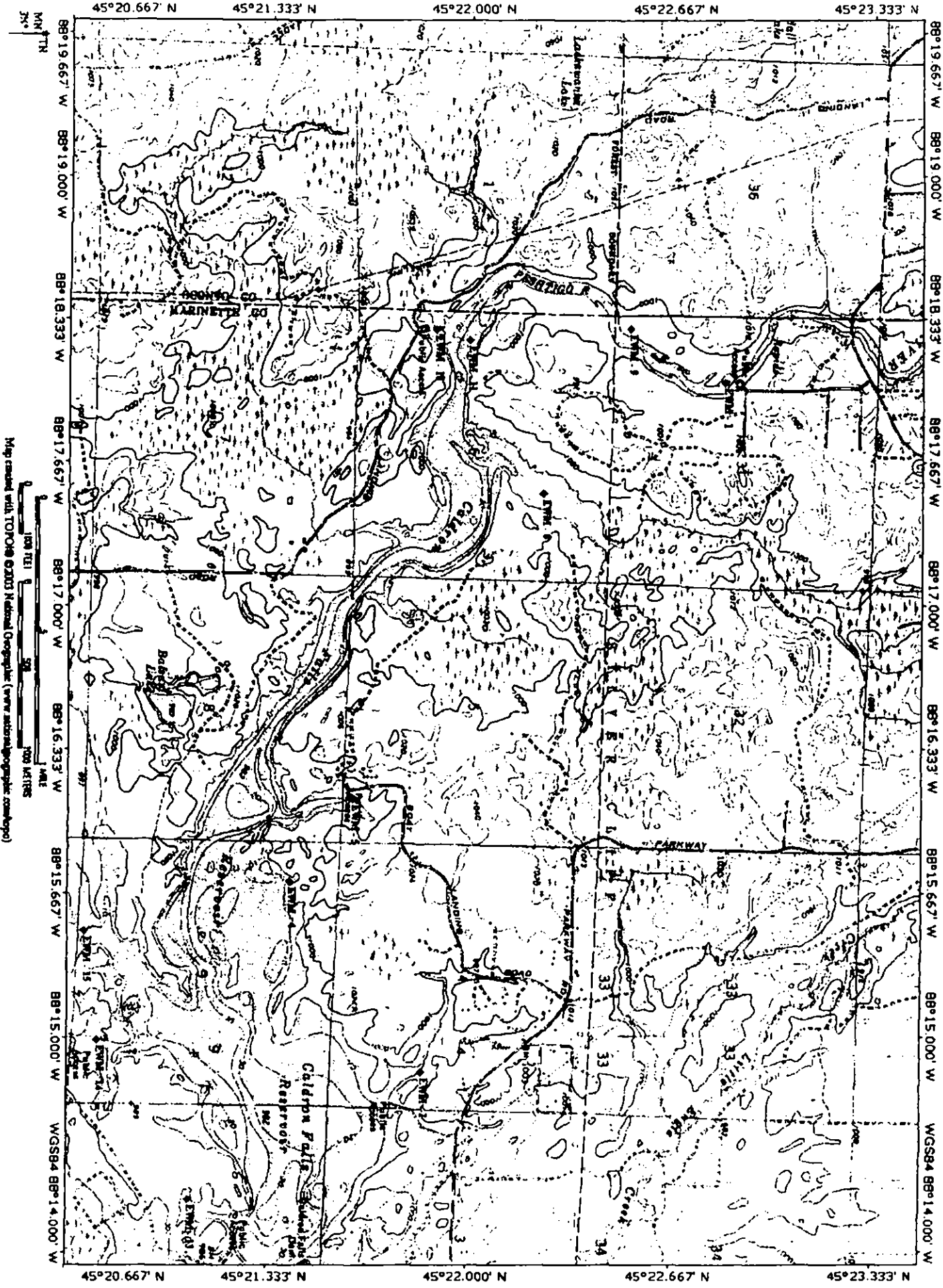
Caldron Falls

Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
BL 12 A	0	0	N/A	N/A	45 22.836
BL 12 B	0	0	N/A	N/A	88 18.040
BL 12 C	0	0	N/A	N/A	
2A	0	0	N/A	N/A	45 21.843
2B	0	0	N/A	N/A	88 14.843
2C	0	0	N/A	N/A	
3A					
3B					
3C					
4A	0	0	0	N/A	45 21.404
4B	0	0	0	N/A	88 15.724
4C	0	0	0	N/A	
5A	0	0	0	N/A	45 21.611
5B	0	0	0	N/A	88 16.107
5C	0	0	0	N/A	
6A					
6B					
6C					
7A					
7B					
7C					
8A	0	0	N/A	N/A	45 22.240
8B	0	0	N/A	N/A	88 17.520
8C	0	0	0	N/A	
9A	0	0	0	N/A	45 22.524
9B	0	0	0	N/A	88 18.289
9C	0	0	0	N/A	
10A	0	0	0	N/A	45 21.882
10B	0	0	0	N/A	88 18.284
10C	0	0	0	N/A	
11A	0	0	0	N/A	45 21.993
11B	0	0	0	N/A	88 18.235
11C	0	0	0	N/A	
12A					
12B					
12C					
13A	0	0	0	0	45 21.079
13B	0	0	0	0	88 14.255
13C	0	0	0	0	
14A	0	0	0	0	45 20.771
14B	3	3	3	3	88 14.993
14C	2	0	1	1	
15A	0	0	0	0	45 20.726
15B	0	0	0	0	88 15.494
15C	0	1	0	N/A	

N/A: Not Applicable
 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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

Caldon Falls Eurasian Water Millfoil Survey - 2005



88°19.667' W 88°19.000' W 88°18.333' W 88°17.667' W 88°17.000' W 88°16.333' W 88°15.667' W 88°15.000' W WGS84 88°14.000' W

45°20.667' N 45°21.333' N 45°22.000' N 45°22.667' N 45°23.333' N

Marquette Rd
Parkway
Caldon River
Caldon Falls Reservoir
Ladderworks Lodge
Pointe aux Roches Rd
Rte 1
Rte 2
Rte 3
Rte 4
Rte 5
Rte 6
Rte 7
Rte 8
Rte 9
Rte 10
Rte 11
Rte 12
Rte 13
Rte 14
Rte 15
Rte 16
Rte 17
Rte 18
Rte 19
Rte 20
Rte 21
Rte 22
Rte 23
Rte 24
Rte 25
Rte 26
Rte 27
Rte 28
Rte 29
Rte 30
Rte 31
Rte 32
Rte 33
Rte 34
Rte 35
Rte 36

Eurasian Milfoil Surveys - 2005

Potato Rapids

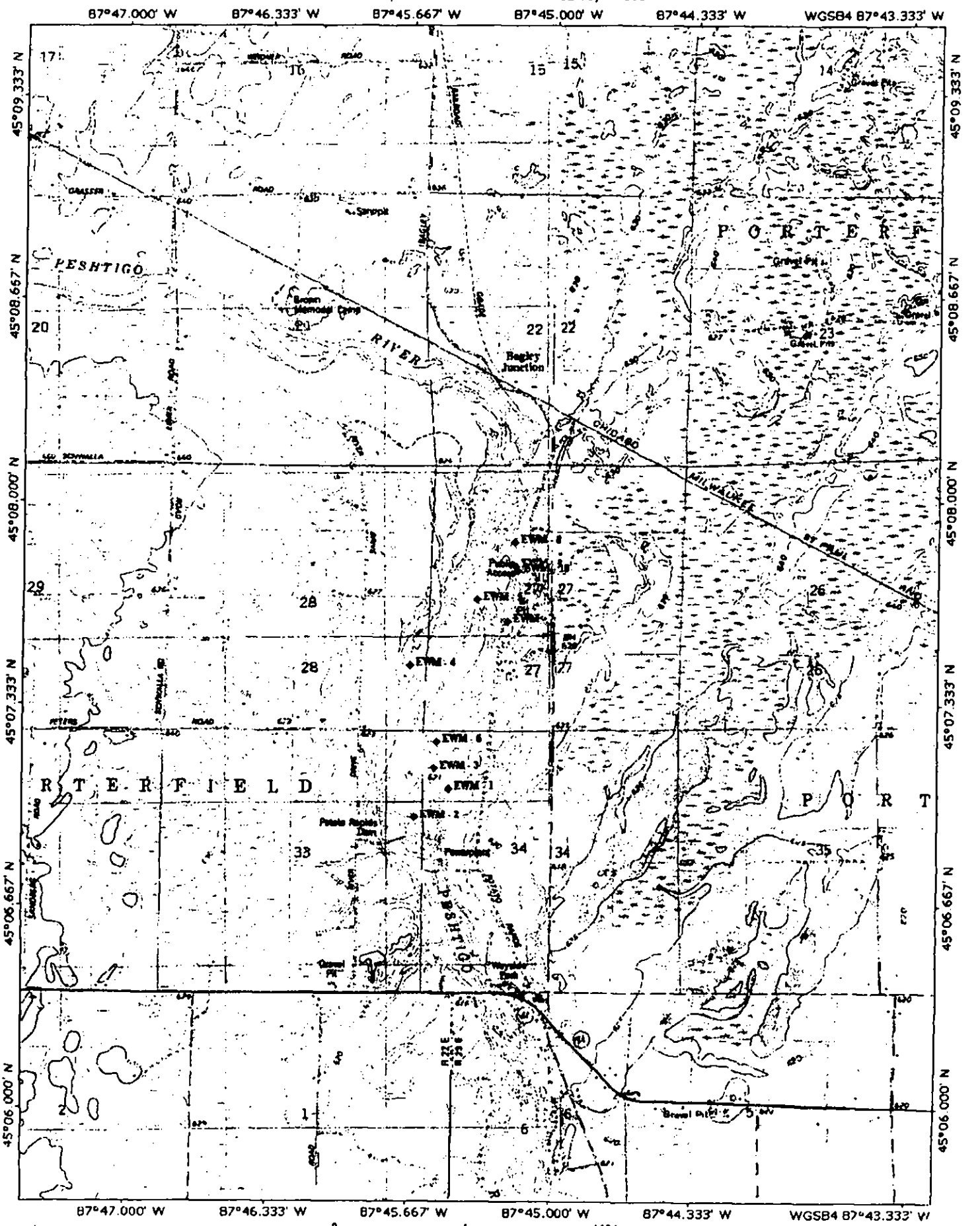
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	0	0	N/A	N/A	45 07.054
1B	0	0	N/A	N/A	87 45.478
1C	0	0	N/A	N/A	
2A	0	0	0	0	45 06.959
2B	0	0	0	0	87 45.639
2C	0	0	0	0	
3A	0	0	N/A	N/A	45 07.121
3B	0	0	N/A	N/A	87 45.546
3C	0	0	N/A	N/A	
4A	0	0	0	0	45 07.458
4B	0	0	0	0	87 45.663
4C	0	0	N/A	N/A	
5A	0	0	0	0	45 07.676
5B	0	0	0	0	87 45.348
5C	0	0	0	0	
6A	0	0	N/A	N/A	45 07.209
6B	0	0	N/A	N/A	87 45.535
6C	0	0	0	0	
7A	0	0	0	0	45 07.802
7B	0	0	0	0	87 45.209
7C	0	0	0	0	
8A	0	0	0	0	45 07.865
8B	0	0	0	0	87 45.176
8C	0	0	0	0	
9A	0	0	0	0	45 07.786
9B	0	0	N/A	N/A	87 45.171
9C	0	0	0	0	
10A	0	0	0	0	45 07.769
10B	0	0	0	0	87 45.161
10C	0	0	0	0	
11A					
11B					
11C					
12A					
12B					
12C					
13A					
13B					
13C					
14A					
14B					
14C					
15A					
15B					
15C					

N/A: Not Applicable

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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

Potato Rapids Eurasian Water Millfoil Survey - 2005



Map created with TOPO® ©2003 National Geographic (www.nationalgeographic.com/topo)

Eurasian Milfoil Surveys - 2005

Sandstone Rapids

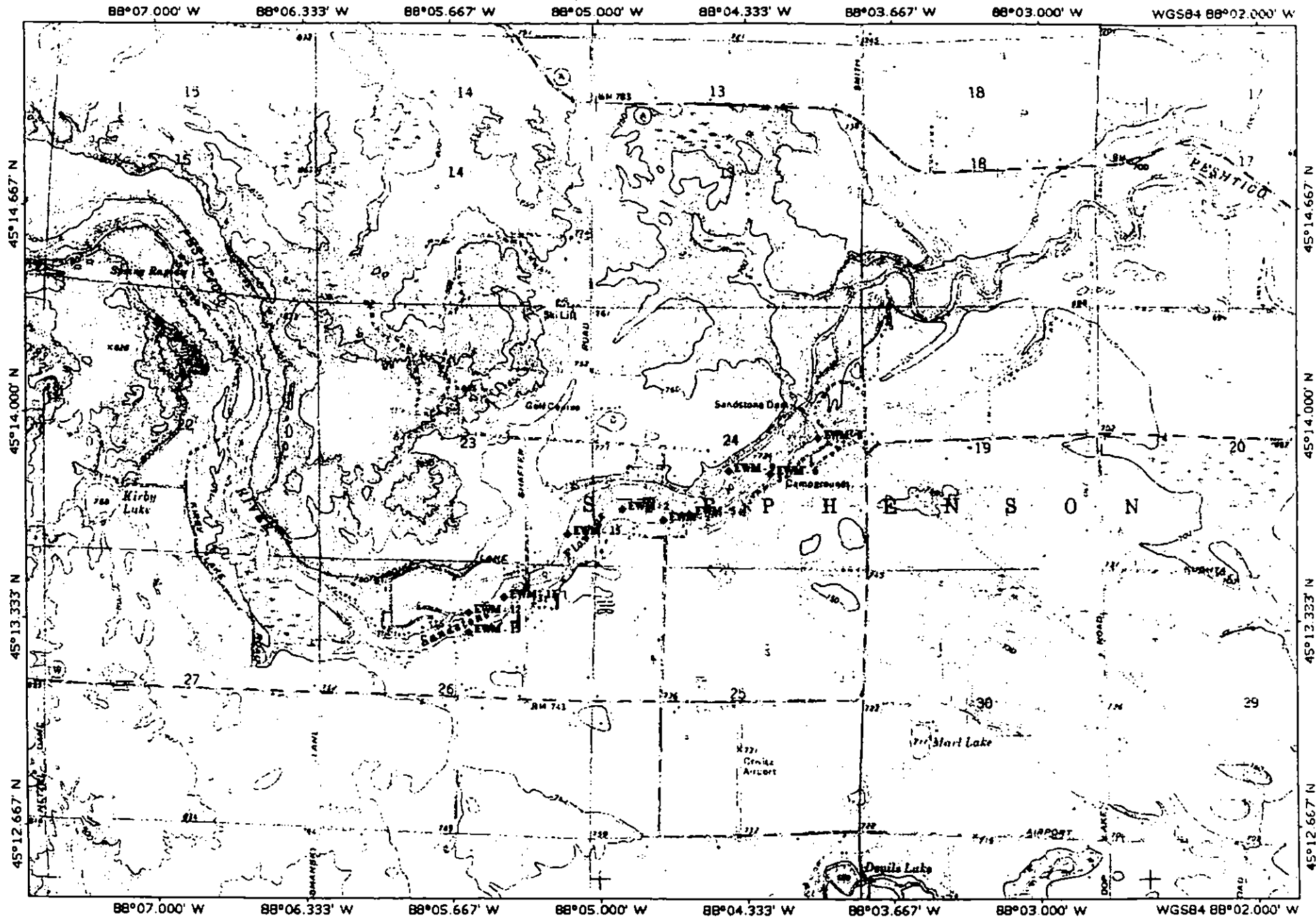
Transect #	0 - 0.5 M	0.5 - 1.5 M	1.5 - 3.0 M	> 3.0 M	Origin
1A	1	0	0	0	45 13.660
1B	0	0	0	0	88 04.711
1C	0	2	1	0	
2A	0	1	0	N/A	45 13.695
2B	0	0	0	N/A	88 04.898
2C	1	0	0	N/A	
3A					
3B					
3C					
4A					
4B					
4C					
5A	0	0	0	N/A	45 13.680
5B	0	0	0	N/A	88 04.595
5C	0	0	0	N/A	
6A	0	0	0	0	45 13.807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

N/A: Not Applicable

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

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.

Sandstone Rapids Eurasian Water Mill Survey - 2005



Map created with TOPCON ©2003 National Geographic (www.nationalgeographic.com/topo)

APPENDIX C

ZEBRA MUSSEL SURVEYS – 2005

ZEBRA MUSSEL INSPECTION RESULTS 2005
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-25-05
 COMMENTS/RESULTS: OK

 _____ *M. N.*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-17-05
 COMMENTS/RESULTS: OK

 _____ *M.N. - SW*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-16-05
 COMMENTS/RESULTS: OK

 _____ *M.N.*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-29-05
 COMMENTS/RESULTS: OK

 _____ *M.N.*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8/15
 COMMENTS/RESULTS: OK

 _____ *M.N.*

9-23-05 OK *M.N.*

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

2005

HYDRO NAME

- Caldron Falls Johnson Falls Potato Rapids
- High Falls Sandstone Rapids Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 3-7-05
 COMMENTS/RESULTS: Inspection at 2.0' Draw - Down

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-25-05
 COMMENTS/RESULTS: OK

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5/6/05
 COMMENTS/RESULTS: OK

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6/20/05
 COMMENTS/RESULTS: OK

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7/15/5
 COMMENTS/RESULTS: OK

 _____ *M. Nelson*

8/8/5 OK *M. Nelson*
 9/15/5 OK *M. Nelson*

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

2005

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4/18/05
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5/18/05
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-16-05
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-21-05
 COMMENTS/RESULTS: OK MAJ

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8/15/05
 COMMENTS/RESULTS: OK MAJ

9/14/05 visually OK MAJ

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS 2005

HYDRO NAME

- Caldron Falls
- High Falls
- Johnson Falls
- Sandstone Rapids
- Potato Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-25-05
 COMMENTS/RESULTS: OK

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-5-05
 COMMENTS/RESULTS: O.K.

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-16-05
 COMMENTS/RESULTS: Broken chain, needs replacement.

 _____ *M. Nelson*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7/15/05
 COMMENTS/RESULTS: OK

 _____ *OK*

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8/8/05
 COMMENTS/RESULTS: OK

 _____ *OK*

9/13/05 X Monthly
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ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

2005

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-6-05
 COMMENTS/RESULTS: None

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-8-05
 COMMENTS/RESULTS: None

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-12-05
 COMMENTS/RESULTS: None

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-11-05
 COMMENTS/RESULTS: None

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 9-3-05
 COMMENTS/RESULTS: None

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

2005

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-20-05
 COMMENTS/RESULTS: NO Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-16-05
 COMMENTS/RESULTS: NO Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-7-05
 COMMENTS/RESULTS: NO Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-7-05
 COMMENTS/RESULTS: NO Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-3-05
 COMMENTS/RESULTS: NO Zebra Mussels

APPENDIX D

DOCUMENTATION OF SUBMITTAL – 2005



Wisconsin Public Service Corporation
(a subsidiary of WPS Resources Corporation)
700 North Adams Street
P.O. Box 19002
Green Bay, WI 54307-9002

September 26, 2005

Mr. Robert Martini
Wisconsin Department of Natural Resources
107 Sutliff Ave.
Rhineland, WI 54501

Dear Mr. Martini:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for purple loosestrife, Eurasian watermilfoil, and zebra mussels.

All of the above mentioned projects were surveyed for purple loosestrife and Eurasian watermilfoil in July or early August. The presence of purple loosestrife was only identified at the Peshtigo Project where there is a history of occurrence. A map indicating the location and colony size is located in Appendix A.

Eurasian watermilfoil was found on Caldron Falls, High Falls and Sandstone Rapids. Peshtigo and Johnson Falls Projects did not indicated the presents of Eurasian watermilfoil during the 2005 survey. These projects did indicate the present of Eurasian watermilfoil during the 2002 survey. Only the High Falls Project, had collected aquatic macrophyte samples with a high relative abundance of Eurasian watermilfoil. As in previous years there was no evidence of Eurasian watermilfoil found on Potato Rapids. A summary of results has been included in Appendix B.

Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects for the months of May through September. Zebra mussels were not found at any of the six projects during any of the monthly 2005 inspections. A summary of the results has been included in Appendix C.

If you have any questions, please do not hesitate to call me at (920) 433-1460.

Sincerely,

James D. Nuthals
Environmental Consultant

syx

Enc.

cc: Ms. Joan Johaneck, WPSC - D2



Wisconsin Public Service Corporation
(a subsidiary of WPS Resources Corporation)
700 North Adams Street
PO Box 19002
Green Bay, WI 54307-9002

September 26, 2005

Ms. Janet Smith
U.S. Fish and Wildlife Service
1015 Challenger Court
Green Bay, WI 54311

Dear Ms. Smith:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for purple loosestrife, Eurasian watermilfoil, and zebra mussels.

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If you have any questions, please do not hesitate to call me at (920) 433-1460.

Sincerely,

James D. Nuthals
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