ORIGINAL

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

October 29, 2008

FERC Project No's. 1999 & 2476

Ms. Kimberly D. Bose, Secretary
The Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Dear Secretary Bose:

056 028

Wausau & Jersey Hydroelectric Project (FERC Projects # 1999 & #2476) 2008 Noxious Plants Monitoring Reports

On December 7, 2007, Wisconsin Public Service Corporation (WPSC) submitted amendments to the Federal Energy Regulatory Commission (FERC) Approved Purple Loosestrife Monitoring Plan for the Wausau and Jersey Hydroelectric Projects (FERC project # 1999 and #2476) dated July 14, 1997.

Per the December 7, 2007 submittal, WPSC is to provide annual updates on the *Galerucella* beetles (beetles) release sites and purple loosestrife populations for the next six years to the Wisconsin Department of Natural Resources (WDNR), U.S. Fish & Wildlife Service (FWS) and FERC no later than October 31st of each year for the Wausau and Jersey Hydroelectric Project.

WPSC released beetles at the Jersey Hydroelectric Project on July 4, 2007 and July 9, 2008 and the Wausau Hydroelectric Project on July 9, 2008.

Jersey Hydroelectric Project

In 2007, WPSC released the beetles that were cultivated in potted purple loosestrife plants and then released near existing colonies. In 2008, WPSC erected a mass rearing cage provided by the WDNR, just below the Jersey Hydroelectric Project Dam. Beetles were already present in this area, but in order to increase the population, WPSC released an additional 500 beetles into the mass rearing cage. Once the majority of the beetles had reached adulthood, they were released. It is estimated that approximately 58,000 beetles were released over the past two years at the Jersey Hydroelectric Project, approximately 8,000 in 2007 and at least 50,000 in 2008.

A purple loosestrife survey was also conducted at the Jersey Hydroelectric Project on July 9, 2008. The results of the survey indicated a total of 38 purple loosestrife colonies within the project boundary. 20 of the colonies reported beetle feeding. In 13 of those colonies heavy feeding was recorded. The beetle feeding was observed on the south end of the project. The attached 2008 Purple Loosestrife Survey Figure and Datasheet provide the location of the purple loosestrife, extent of the beetle feeding and the beetle release location. WPSC will be releasing beetles at the project in 2009, it is anticipated the release site will be near purple loosestrife colony #27 and #28. The 2008 Jersey Hydroelectric Purple Loosestrife Results Figure and Datasheet are located in Appendix A.

The 2008 survey results will be used as the baseline to determine the success of the beetle release program over the next five years.

Wausau Hydroelectric Project

On July 9, 2008, approximately 4,000 beetles were released at the Wausau Hydroelectric Project. The beetles were raised on potted plants and then released near existing colonies.

WPSC also completed a purple loosestrife survey on July 9, 2008. Purple loosestrife was reported at 28 separate locations. 27 of the colonies identified were small, comprising of 5 or less plants. Only one of the colonies consisted of greater than 5 plants.

Beetle feeding was observed at every colony. The beetle populations observed were small. WPSC did not release beetles in this location prior to 2008, but believes the beetles migrated and/or were released within the reservoir in 2007.

The attached 2008 Purple Loosestrife Survey Figure and Datasheet provide the location of the purple loosestrife, location of beetle feeding and the beetle release location. WPSC will be releasing beetles at the project in 2009, it is anticipated that the release will be conducted near the southern end of the project, near purple loosestrife colony #7. The 2008 Wausau Hydroelectric Purple Loosestrife Results Figure and Datasheet are located in Appendix B.

The 2008 survey results will be used as the baseline to determine the success of the beetle release program over the next five years.

Should you have any questions relative to this material, please do not hesitate to contact James Nuthals, at (920) 433-1460.

Sincerely,

Terry P. Jensky
Vice President - Energy Supply Operations
Telephone: (920) 433-2900

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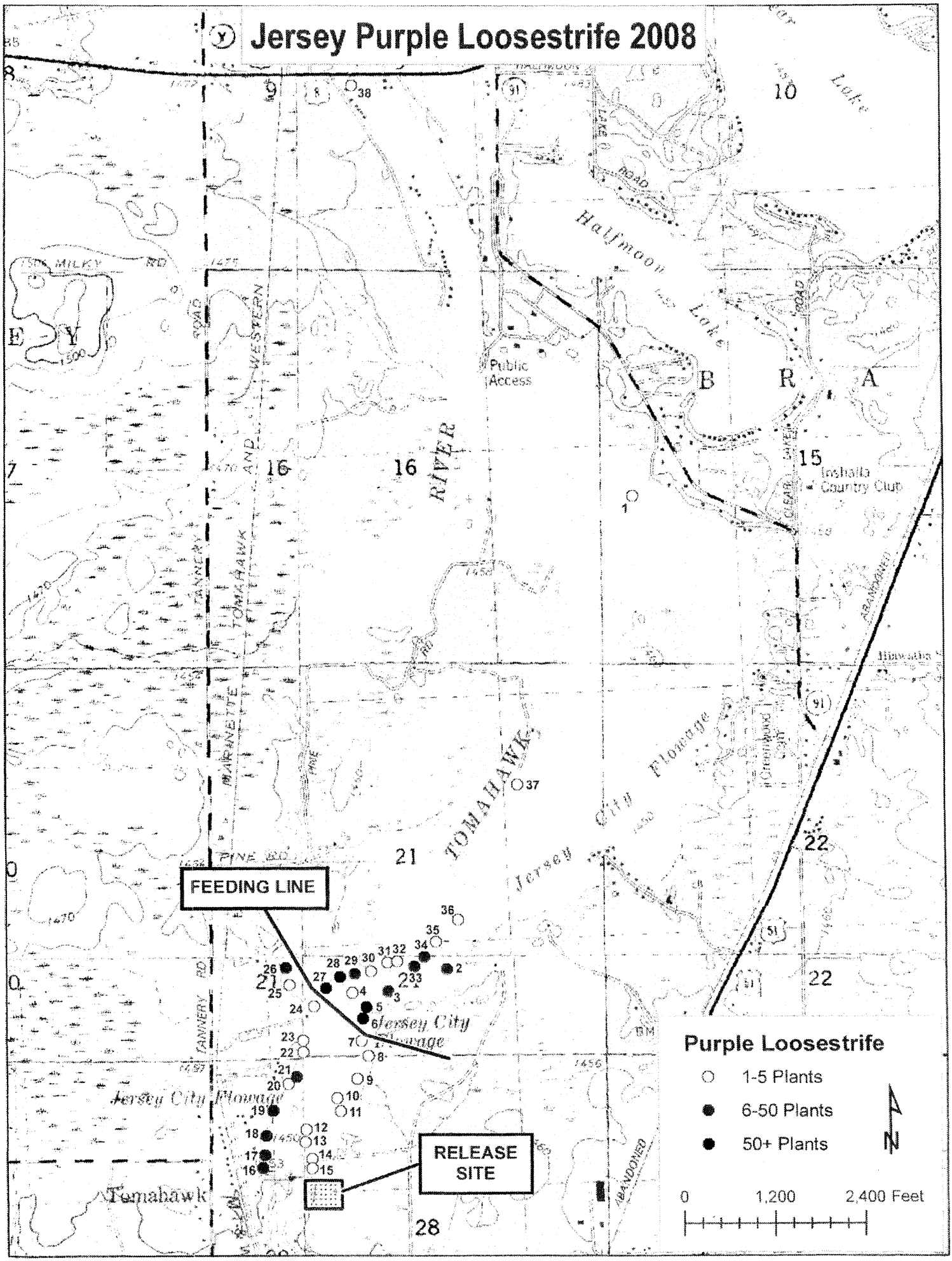
Enc.

cc: Ms. Carlisa Linton, FERC - D.C.
Mr. Bruce Crocker, WPSC - D2
Mr. Bill Bloczynski, WPSC - MERH
Mr. Gil Snyder, WPSC - D2
Ms. Joan Johanek, WPSC - D2
Mr. Howard Giesler, WPSC - PUL

APPENDIX A

2008 JERSEY HDYROELECTRIC PROJECT PURPLE LOOSESTRIFE SURVEY RESULTS

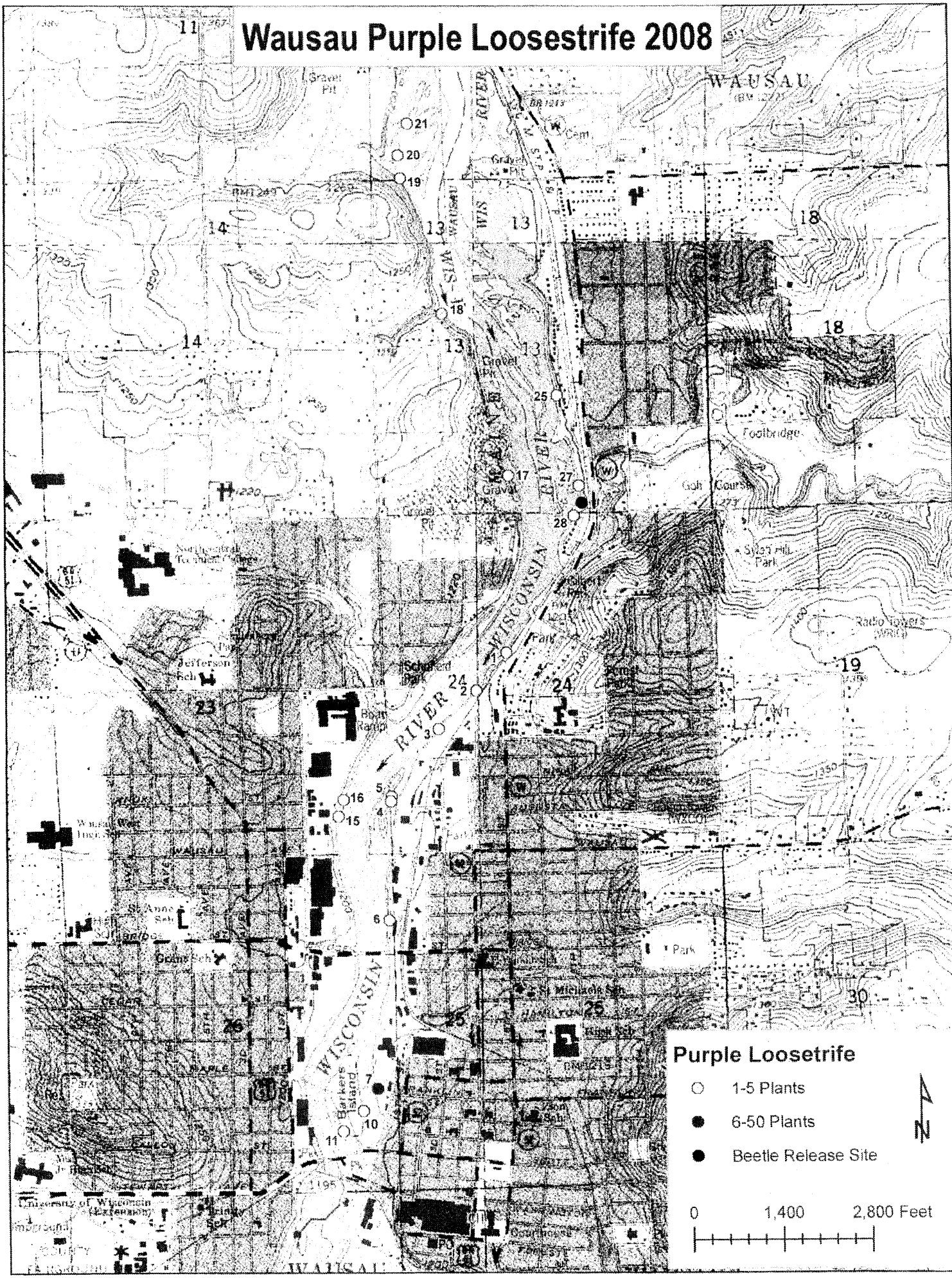
Purple Loostrife Survey - 2008				
Jersey				
Number	Latitude	Longitude	Amount	Beetle Feeding
1	45.51688333000	-89.73258333000	1-5	None
2	45.49950000000	-89.74255000000	6-50	None
3	45.49868333000	-89.74566667000	6-50	None
4	45.49863333000	-89.74753333000	1-5	None
5	45.49811667000	-89.74680000000	50+	None
6	45.49770000000	-89.74698333000	50+	None
7	45.49686667000	-89.74706667000	1-5	Heavy
8	45.49631667000	-89.74671667000	1-5	Heavy
9	45.49548333000	-89.74730000000	1-5	Heavy
10	45.49478333000	-89.74836667000	1-5	Heavy
11	45.49431667000	-89.74818333000	1-5	Heavy
12	45.49365000000	-89.75001667000	1-5	Heavy
13	45.49320000000	-89.75005000000	1-5	Heavy
14	45.49258333000	-89.74970000000	1-5	Heavy
15	45.49223333000	-89.74971667000	1-5	Heavy
16	45.49225000000	-89.75228333000	6-50	Heavy
17	45.49273333000	-89.75215000000	6-50	Heavy
18	45.49343333000	-89.75210000000	6-50	Heavy
19	45.49433333000	-89.75171667000	6-50	Heavy
20	45.49530000000	-89.75091667000	1-5	Observed
21	45.49556667000	-89.75048333000	6-50	Observed
22	45.49646667000	-89.75013333000	1-5	Observed
23	45.49690000000	-89.75013333000	1-5	Observed
24	45.49815000000	-89.74955000000	1-5	Observed
25	45.49891667000	-89.75085000000	1-5	Observed
26	45.49955000000	-89.75103333000	6-50	Observed
27	45.49880000000	-89.74891667000	50+	None
28	45.49921667000	-89.74818333000	50+	None
29	45.49931667000	-89.74741667000	6-50	None
30	45.49941667000	-89.74655000000	1-5	None
31	45.49975000000	-89.74566667000	1-5	None
32	45.49978333000	-89.74516667000	1-5	None
33	45.49960000000	-89.74426667000	6-50	None
34	45.49995000000	-89.74373333000	6-50	None
35	45.50051667000	-89.74311667000	1-5	None
36	45.50133333000	-89.74193333000	1-5	None
37	45.50628333000	-89.73876667000	1-5	None
38	45.53196667000	-89.74726667000	1-5	None

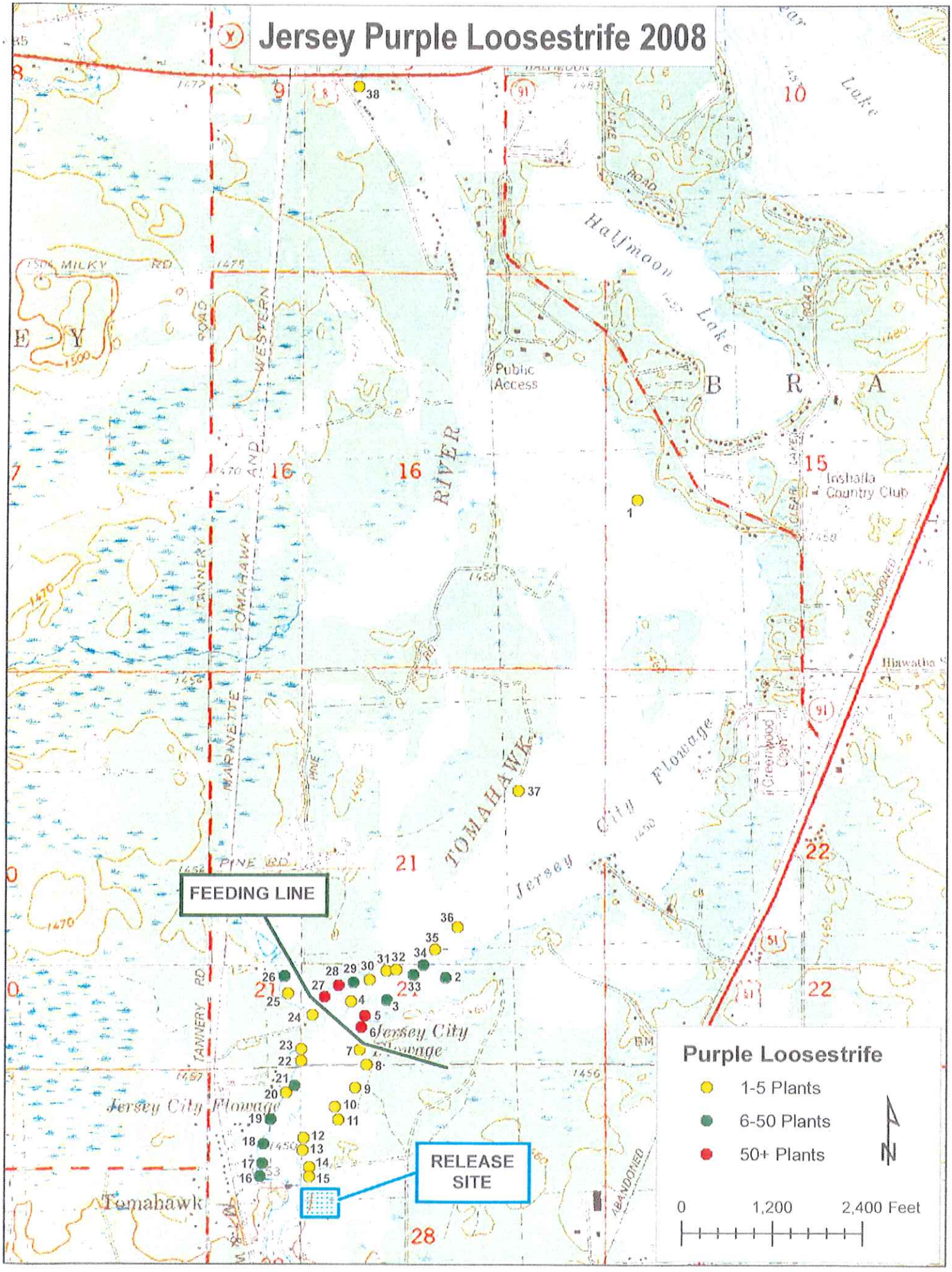


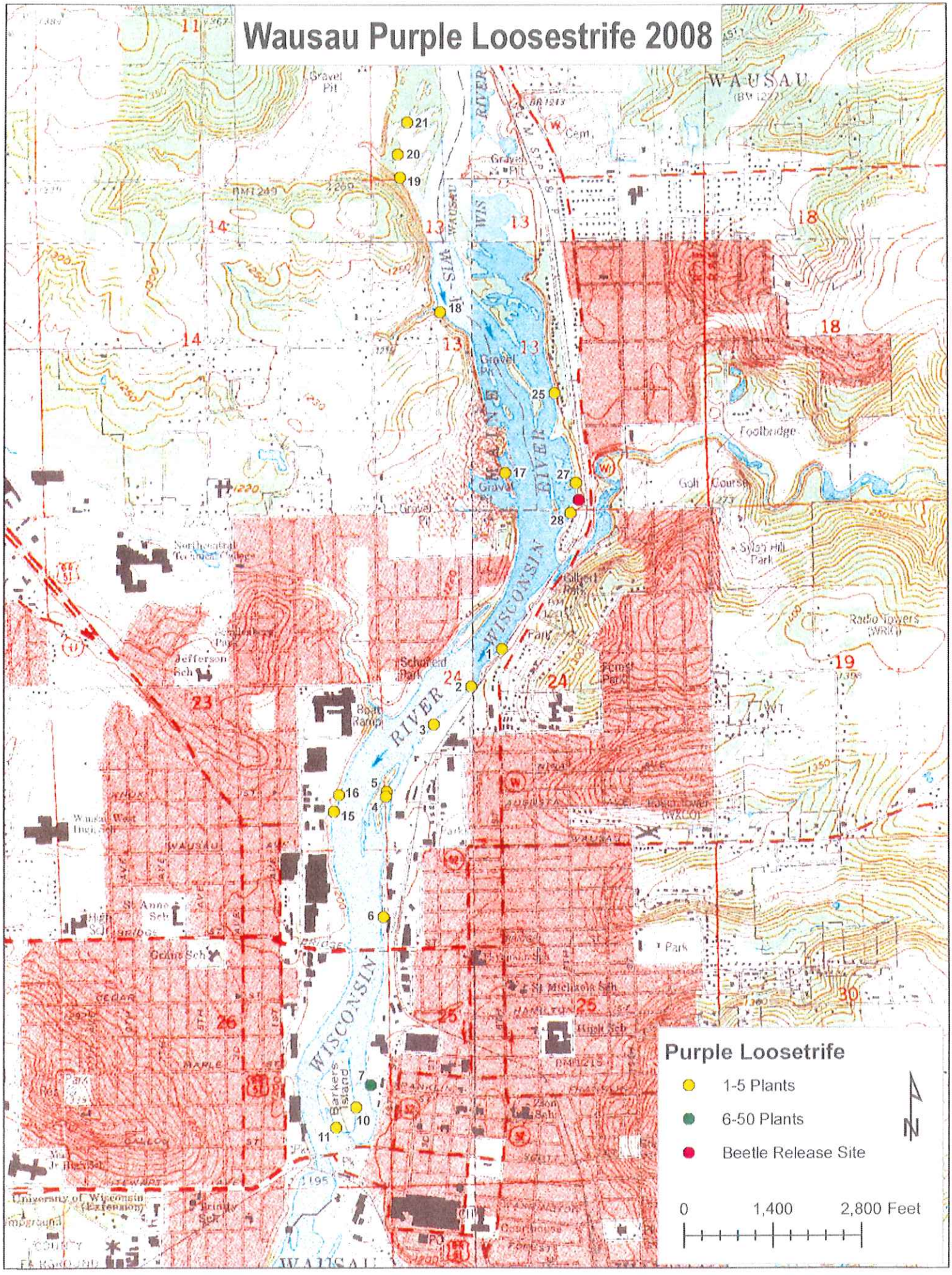
APPENDIX B

2008 WAUSAU HDYROELECTRIC PROJECT PURPLE LOOSESTRIFE SURVEY RESULTS

Purple Loostrife Survey - 2008				
Wausau				
Number	Latitude	Longitude	Amount	Beetle Feeding
1	44.98236667000	-89.62338333000	1-5	Feeding on every plant
2	44.98075000000	-89.62526667000	1-5	Feeding on every plant
3	44.97911667000	-89.62760000000	1-5	Feeding on every plant
4	44.97623333000	-89.63053333000	1-5	Feeding on every plant
5	44.97603333000	-89.63058333000	1-5	Feeding on every plant
6	44.97083333000	-89.63076667000	1-5	Feeding on every plant
7	44.96360000000	-89.63156667000	6-50	Feeding on every plant
10	44.96265000000	-89.63246667000	1-5	Feeding on every plant
11	44.96178333000	-89.63370000000	1-5	Feeding on every plant
15	44.97540000000	-89.63378333000	1-5	Feeding on every plant
16	44.97611667000	-89.63346667000	1-5	Feeding on every plant
17	44.98996667000	-89.62315000000	1-5	Feeding on every plant
18	44.99691667000	-89.62713333000	1-5	Feeding on every plant
19	45.00273333000	-89.62958333000	1-5	Feeding on every plant
20	45.00373333000	-89.62971667000	1-5	Feeding on every plant
21	45.00511667000	-89.62913333000	1-5	Feeding on every plant
25	44.99340000000	-89.62008333000	1-5	Feeding on every plant
27	44.98953333000	-89.61880000000	1-5	Feeding on every plant
28	44.98823333000	-89.61915000000	1-5	Feeding on every plant




Jersey Purple Loosestrife 2008
FEEDING LINE
RELEASE SITE
Purple Loosestrife
1-5 Plants
6-50 Plants
50+ Plants
N
0
1,200
2,400 Feet
Halfmoon Lake
Public Access
TOMAHAWK RIVER
Jersey City Flowage
Tomahawk
Inshalla Country Club
Hiawatha
MARINETTE AND WESTERN
TANNERY RD
PINE RD
MILKY RD
CLEAR LAKE ROAD
ABANDONED


Wausau Purple Loosestrife 2008
WAUSAU
WISCONSIN RIVER
RIVER
Gravel Pit
Cem.
Golf Course
Footbridge
Schofield Park
Jefferson Sch
Northcentral Technical College
Boat Ramp
Sylvan Hill Park
Radio Towers
St Anne Sch
St Michaels Sch
High Sch
Grant Sch
Parkers Island
Park
Purple Loosetrife
1-5 Plants
6-50 Plants
Beetle Release Site
N
0
1,400
2,800 Feet