



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

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OFFICE OF THE  
SECRETARY

ORIGINAL 2007 Jan 16  
2007 JAN 16 P 2:23

October 20, 2006

Ms. Louise Clemency  
U.S. Fish & Wildlife Service  
2681 Scott Tower Drive  
New Franken, WI 54229-9565

P 1999-001  
P 2476-002  
P 2476-003  
P 2476-004

Dear Ms. Clemency:

Wausau and Jersey Hydroelectric Project Purple Loosestrife Survey

Enclosed are the 2005 and 2006 results of the purple loosestrife surveys conducted on the Wausau Hydroelectric Project (FERC Project No. 1999) and the Jersey Hydroelectric Project (FERC Project No. 2476). This is to comply with the semi-annual reporting requirement in the FERC License.

Should you have any questions or require additional information, please do not hesitate to contact me at your earliest convenience.

Sincerely,

James D. Nuthals  
Environmental Consultant  
Telephone: (920) 433-1460

syx

Enc.

cc: Ms. Joan Johaneck, WPSC - D2  
Mr. Bill Bloczynski, WPSC - MERH  
Ms. Carlisa Linton, FERC - DC



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700 North Adams Street  
P.O. Box 19002  
Green Bay, WI 54307-9002

2007 JAN 16 PM 2:24

October 20, 2006

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

Dear Mr. Martini:

Wausau and Jersey Hydroelectric Project Purple Loosestrife Survey

Enclosed are the 2005 and 2006 results of the purple loosestrife surveys conducted on the Wausau Hydroelectric Project (FERC Project No. 1999) and the Jersey Hydroelectric Project (FERC Project No. 2476). This is to comply with the semi-annual reporting requirement in the FERC License.

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cc: Ms. Joan Johaneck, WPSC - D2  
Mr. Bill Bloczynski, WPSC - MERH  
Ms. Carlisa Linton, FERC - DC

## **2005 Purple Loosestrife Survey Results**

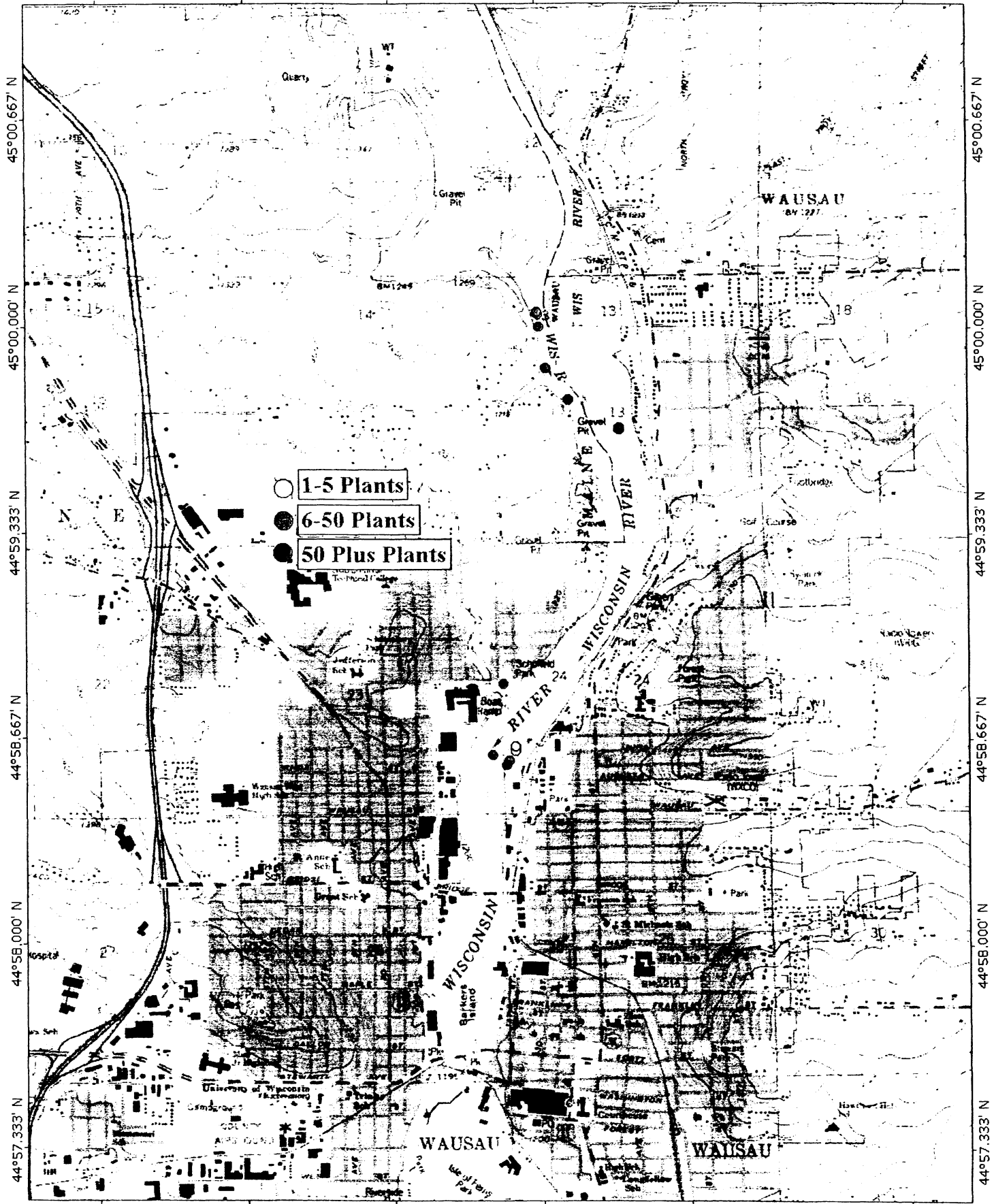
## Purple Loosestrife Survey - 2005

## Wausau

Number	Latitude	Longitude	Amount
1	44 59.666	89 37.293	6-50 Plants
2	44 59.670	89 37.292	6-50 Plants
3	44 59.863	89 37.627	6-50 Plants
4	44 58.639	89 37.776	1-5 Plants
5	44 58.624	89 37.778	1-5 Plants
6	44 58.608	89 37.879	6-50 Plants
7	44 58.592	89 37.805	6-50 Plants
8	44 58.576	89 37.818	50+ Plants
9	44 58.841	89 37.829	50+ Plants
10	44 59.761	89 37.526	6-50 Plants
11	44 59.997	89 37.656	6-50 Plants
12	44 60.038	89 37.660	6-50 Plants
13	44 60.047	89 37.665	6-50 Plants
14	44 59.330	89 39.177	6-50 Plants
15	44 59.351	89 37.159	6-50 Plants

Wausau Purple Loosestrife Survey - 2005

89°39.667' W 89°39.000' W 89°38.333' W 89°37.667' W 89°37.000' W WGS84 89°36.000' W



TN  
MIN  
2°

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

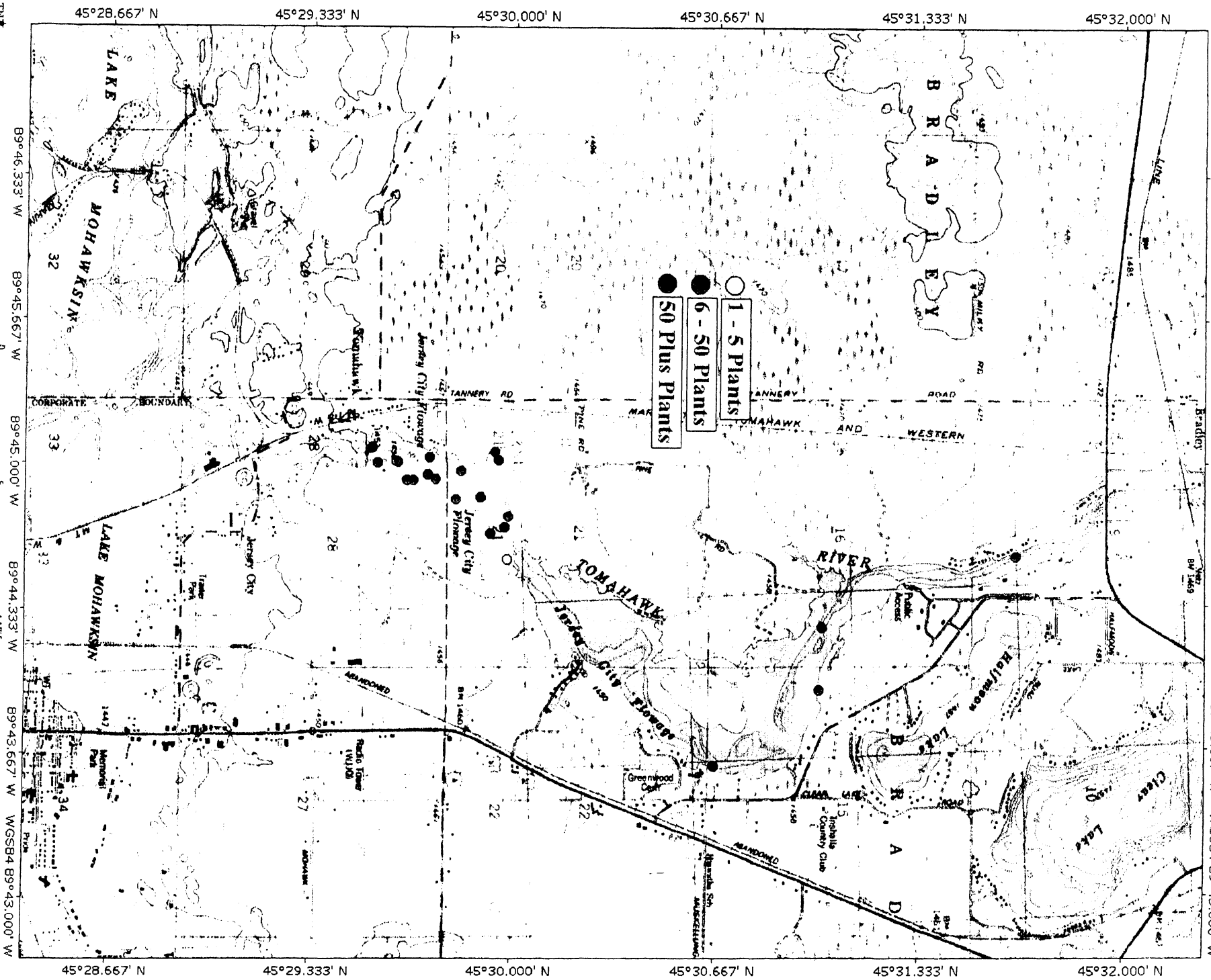
## Purple Loosestrife Survey - 2005

## Jersey

Number	Latitude	Longitude	Amount
1	45 31.001	89 43.944	6-50 Plants
2	45 30.659	89 43.590	6-50 Plants
3	45 29.976	89 44.553	1-5 Plants
4	45 29.920	89 44.671	6-50 Plants
5	45 29.886	89 44.840	50+ Plants
6	45 29.806	89 44.832	6-50 Plants
7	45 29.737	89 44.920	6-50 Plants
8	45 29.711	89 44.944	6-50 Plants
9	45 29.664	89 44.919	6-50 Plants
10	45 29.645	89 44.918	6-50 Plants
11	45 29.615	89 45.000	6-50 Plants
12	45 29.610	89 45.004	6-50 Plants
13	45 29.546	89 44.999	6-50 Plants
14	45 29.531	89 45.070	50+ Plants
15	45 29.824	89 44.960	6-50 Plants
16	45 29.934	89 45.047	50+ Plants
17	45 29.945	89 45.008	50+ Plants
18	45 29.978	89 44.751	6-50 Plants
19	45 29.966	89 44.700	50+ Plants
20	45 31.011	89 44.235	6-50 Plants
21	45 29.716	89 45.021	50+ Plants
22	45 31.643	89 44.565	6-50 Plants

Jersey Purple Loosestrife Survey - 2005

89°46.333' W 89°45.667' W 89°45.000' W 89°44.333' W 89°43.667' W WGS84 89°43.000' W



TN  
MAN  
2°

89°46.333' W 89°45.667' W 89°45.000' W 89°44.333' W 89°43.667' W WGS84 89°43.000' W

0 300 FEET 0 500 1 MILE  
0 300 METERS 0 500 1 KILOMETER

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

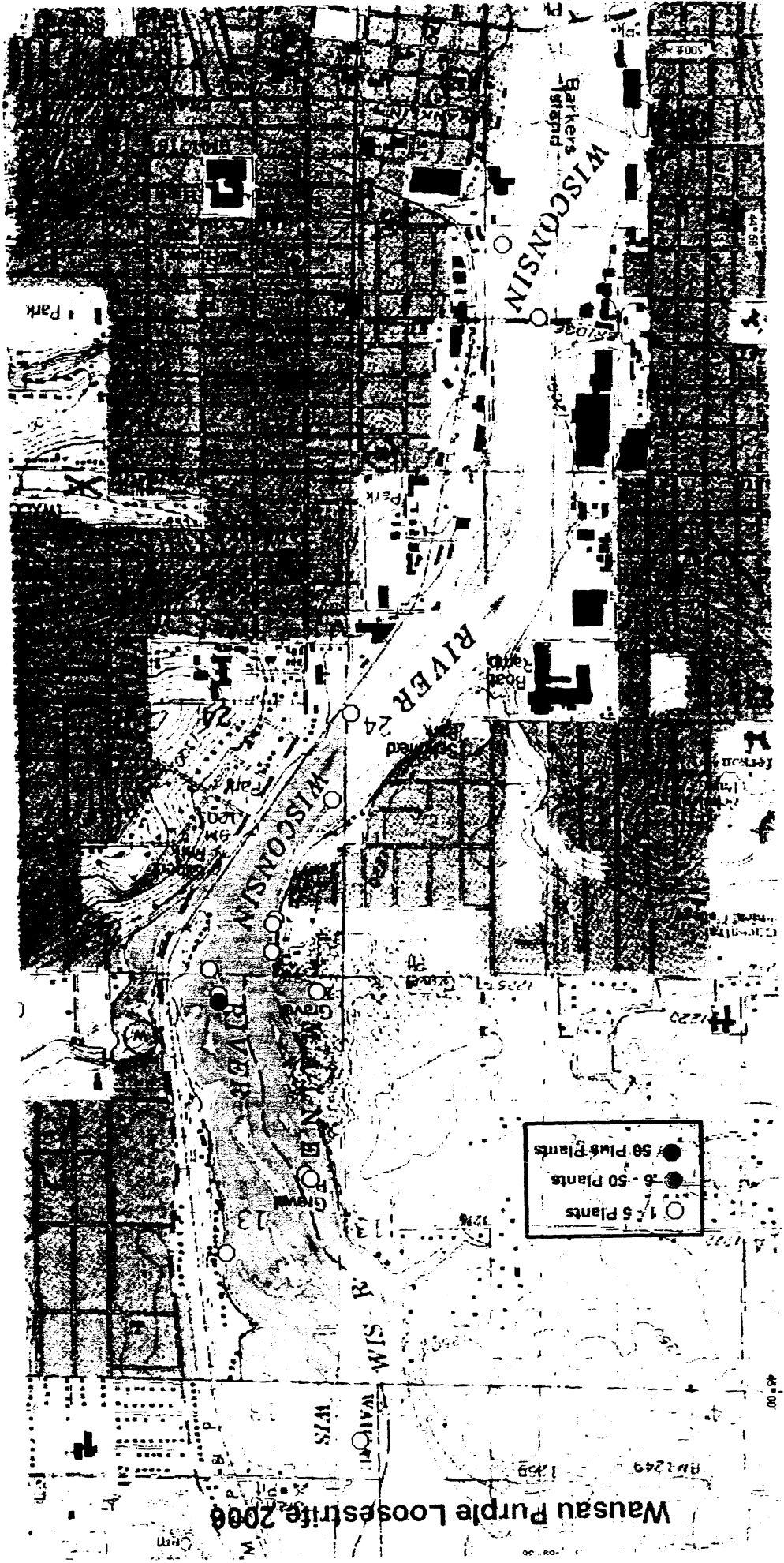
## 2006 Purple Loosestrife Survey Results



Purple Loosestrife Survey - 2006

Wausau

Number	Latitude	Longitude	Amount
1	44 58.84614	89 37.52100	1-5 Plants
2	44 58.03338	89 37.86936	1-5 Plants
3	44 58.15788	89 37.96032	1-5 Plants
4	44 58.99782	89 37.48050	1-5 Plants
5	44 59.20542	89 37.34532	1-5 Plants
6	44 59.21436	89 37.34220	1-5 Plants
7	44 59.26158	89 37.33872	1-5 Plants
8	44 59.32812	89 37.44882	1-5 Plants
9	44 59.64288	89 37.42872	1-5 Plants
10	44 59.65140	89 37.43988	1-5 Plants
11	45 0.09642	89 37.56720	1-5 Plants
12	44 59.78136	89 37.23942	1-5 Plants
13	44 59.29338	89 37.18770	1-5 Plants
14	44 59.33688	89 37.21146	1-5 Plants
15	44 59.34954	89 37.21374	6-50 Plants



Wausau Purple Loosestrife 2006

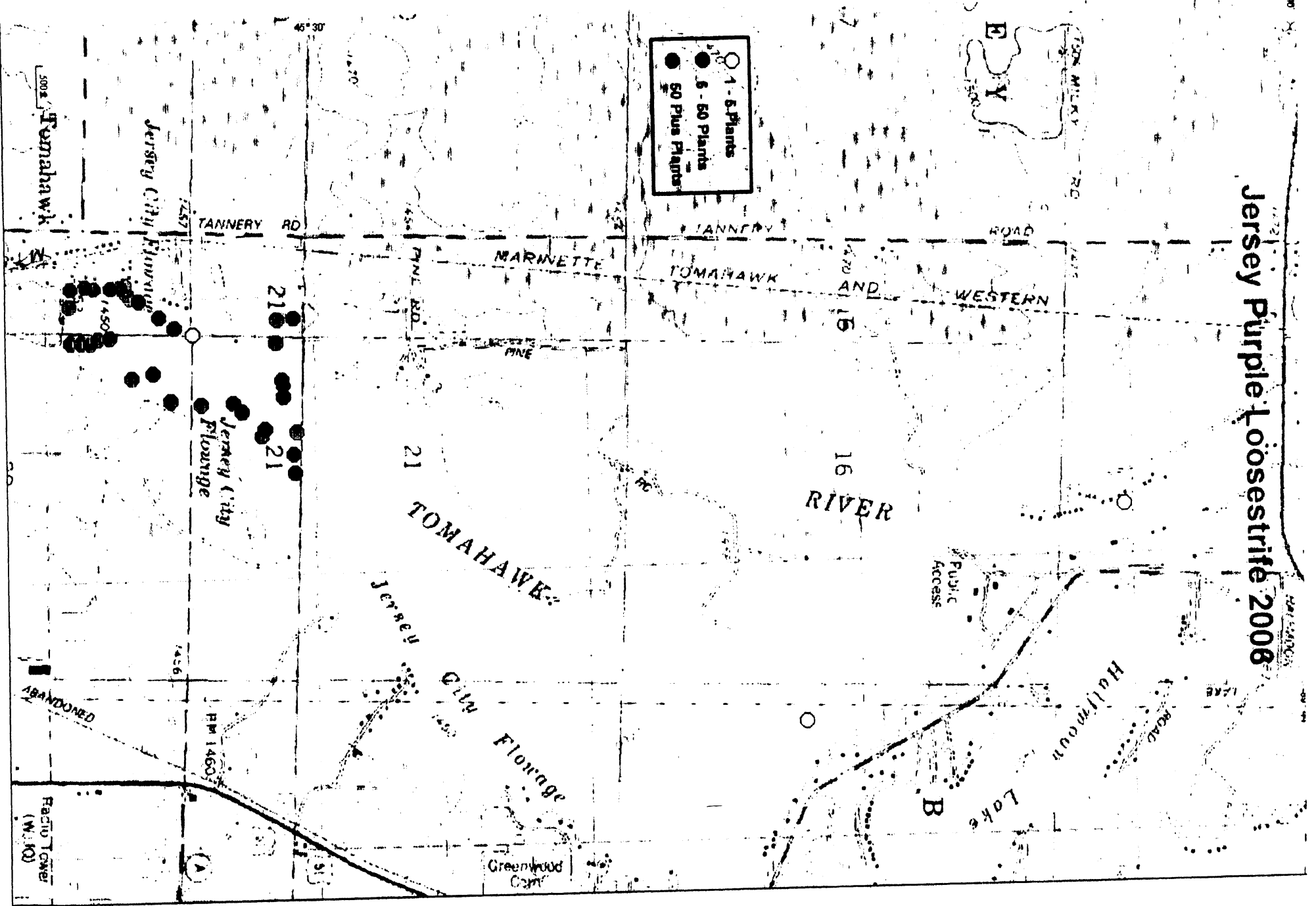
- 1-5 Plants
- 6-50 Plants
- 50 Plus Plants

Purple Loosestrife Survey - 2006

Jersey

Number	Latitude	Longitude	Amount
1	45 31.01442	89 43.95792	1-5 Plants
2	45 29.91936	89 44.73312	6-50 Plants
3	45 29.92674	89 44.75112	50+ Plants
4	45 29.87946	89 44.79918	50+ Plants
5	45 29.86164	89 44.82372	50+ Plants
6	45 29.79822	89 44.81538	6-50 Plants
7	45 29.73714	89 44.82492	6-50 Plants
8	45 29.69976	89 44.89974	6-50 Plants
9	45 29.65644	89 44.88714	6-50 Plants
10	45 29.61222	89 44.99688	6-50 Plants
11	45 29.58858	89 44.99322	6-50 Plants
12	45 29.57250	89 44.98176	6-50 Plants
13	45 29.55390	89 44.98134	6-50 Plants
14	45 29.53206	89 44.98092	6-50 Plants
15	45 29.52732	89 45.08196	6-50 Plants
16	45 29.52912	89 45.13068	50+ Plants
17	45 29.55912	89 45.14064	50+ Plants
18	45 29.57628	89 45.13500	50+ Plants
19	45 29.61006	89 45.13536	50+ Plants
20	45 29.63010	89 45.13914	50+ Plants
21	45 29.63892	89 45.14802	6-50 Plants
22	45 29.64204	89 45.12144	6-50 Plants
23	45 29.65002	89 45.11058	6-50 Plants
24	45 29.66694	89 45.10236	50+ Plants
25	45 29.71032	89 45.05778	50+ Plants
26	45 29.74026	89 45.02802	50+ Plants
27	45 29.77680	89 45.01362	1-5 Plants
28	45 29.94522	89 45.05820	6-50 Plants
29	45 29.97726	89 45.06054	50+ Plants
30	45 29.94420	89 44.99130	6-50 Plants
31	45 29.95662	89 44.88930	50+ Plants
32	45 29.95914	89 44.87718	50+ Plants
33	45 29.96082	89 44.84160	50+ Plants
34	45 29.98854	89 44.74488	6-50 Plants
35	45 29.98308	89 44.68548	50+ Plants
36	45 29.98650	89 44.63064	50+ Plants
37	45 31.63476	89 44.56986	1-5 Plants

# Jersey Purple Loosestrife 2008



- 1 - 5 Plants
- 5 - 50 Plants
- 50 Plus Plants