

CONSOLIDATED WATER POWER COMPANY

General Offices
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A subsidiary of NewPage Corporation

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Secretary
Federal Energy Regulatory Commission
888 1st Street, N.E.
Washington, D.C. 20426

(VIA ELECTRONIC FILING)

Whiting Hydroelectric Project, FERC No. 2590 – Article 407, Purple Loosetrife Monitoring Biennial Report – 2010/2011

Dear Ms. Salas:

In accordance with the order approving and modifying the Purple Loosetrife Monitoring Report, Consolidated Water Power Company (CWPCo) is filing the biennial report on the last two years monitoring efforts.

CWPCo conducted monitoring during the summers of 2010 (August 9th) and 2011 (August 12th) while the plants were in full bloom. Inspections were completed by vehicle and boat (where necessary). More purple loosetrife sites were discovered in 2010 verses previous years, most likely a result of several years of low summer river flows allowing purple loosetrife to establish in areas normally inundated along the river shoreline. Nineteen sites were identified in 2010, with a reduction to three sites in 2011. Overall, the number of sites and total number of purple loosetrife plants decreased markedly from 2010 observations.

Control methods administered in 2010 involved chemical treatment, manual plant removal, cutting plant tops off on any plants exhibiting heavy beetle activity or a combination of the chemical treatment and manual plant removal methods. In 2011, manual plant removal or cutting plant tops off on any plants exhibiting heavy beetle activity were the control methods administered. For project detail information on the 2010 and 2011 monitored purple loosetrife sites, please refer to Table 1 and Figure 1.

CWPCo continues to distribute information regarding invasive species via its recreational brochure which is free to the public.

If there are any questions, please feel free to contact us at (715) 422-3927 or contact tom.witt@newpagecorp.com.

Sincerely,

CONSOLIDATED WATER POWER COMPANY

Thomas J. Witt

Thomas J. Witt
Resources Manager

Enclosure: None

cc: File (Whiting, LG-90-30, Article 407)

Ms. Peggy A. Harding, Regional Director, FERC-CRO (paper copy)

Mr. Scott Watson, Wisconsin Department of Natural Resources, Wausau, WI (paper copy)

Mr. Nicholas Ultrup, U.S. Fish & Wildlife Service, Green Bay, WI (paper copy)

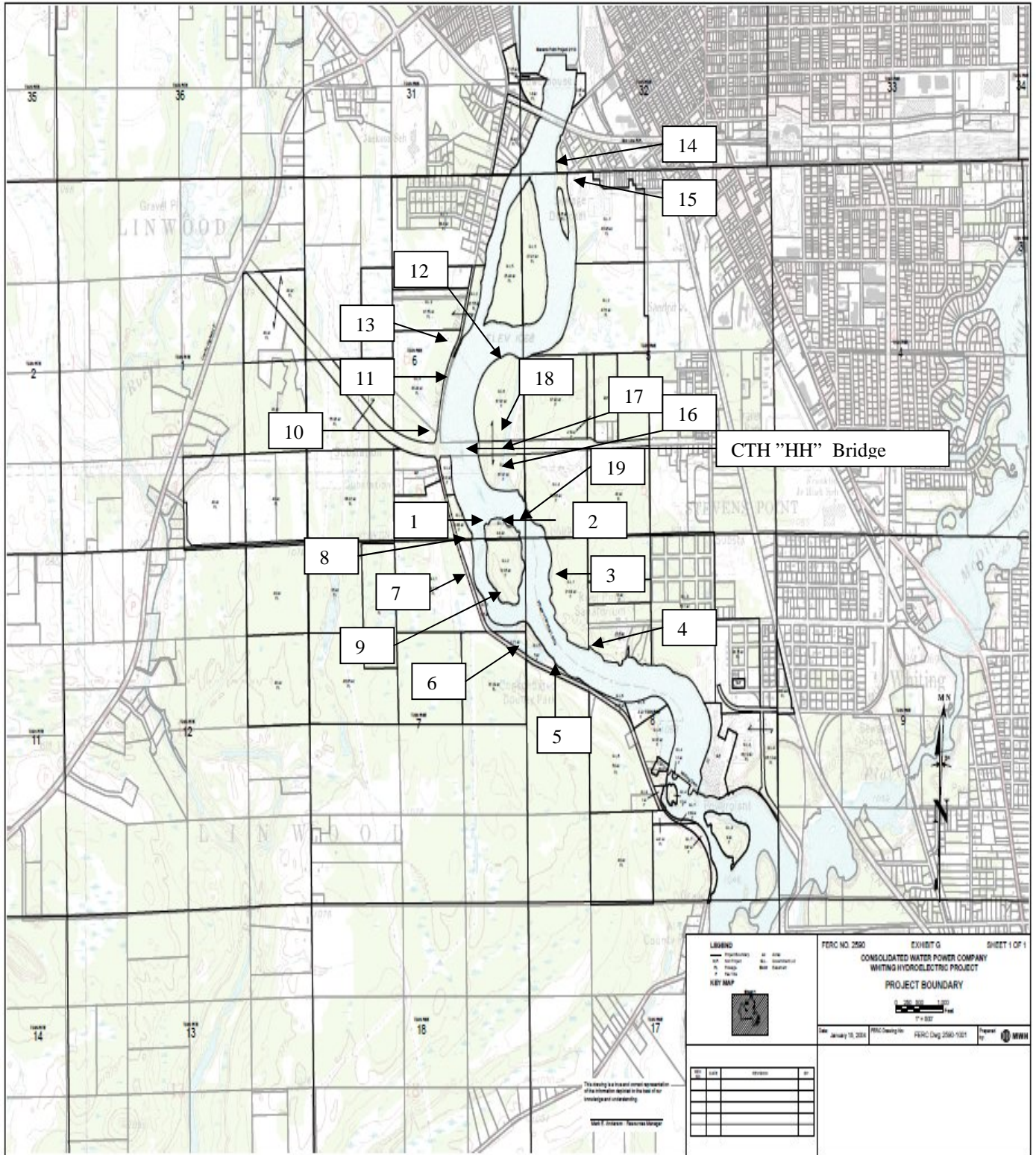
Table 1 – Purple Loosestrife Monitoring Site Data
Whiting Hydroelectric Project – Purple Loosestrife Monitoring for 2010 / 2011

Site No	Description	GPS Coordinates	Plt Density	Beetle Activity	Chem Applied	Action Taken
1	N. Tip of Rock Outcrop Island GL7	16T 0293876 4930443	1 plt None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
2	N. Tip of Rock Outcrop Island GL7	16T 0293939 4930465	None	NA	No	2010 - no plants 2011 - no plants
3	E. Shoreline GL1	16T 0294377 4929921	3 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
4	E. Shoreline GL1 Ass't Care	16T 0294595 4929821	6 plts 9 plts	Light Light	Yes No	2010 - removed, chemical applied 2011 - removed
5	Boat Launch	16T 0294276 4929835	2 plts None	None NA	Yes No	2010 - removed, chemical applied 2011 - no plants
6	Upstrm Boat Launch W side	16T 0293973 4929961	2 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
7	Upstrm Boat Launch W side	16T 0293861 4930091	2 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
8	Small Rock Island W GL2	16T 0293828 4930241	2 plts 1 plt	None Light	Yes No	2010 - removed, chemical applied 2011 - removed
9	SW corner GL2 Island	16T 0293983 4930080	1 plt None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
10	Above HH bridge W shore	16T 0293604 2930858	10 plts None	Heavy NA	No No	2010 – removed flower tops, rest for beetles 2011 – no plants
11	Above recr site fishing area	16T 0293663 4931111	8 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
12	McDonald Island NW tip	16T 0294171 4931922	1 plt 6 plts	None Heavy	Yes No	2010 - removed, chemical applied 2011 - removed flower tops, rest for beetles
13	South of Trans Line, W shore	16T 0294036 4931900	4 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
14	S. RR cross, E shore Sect 32	16T 0294394 4931984	5 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
15	S. RR cross, E shore GL1	16T 0294391 4931810	5 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
16	S HH bridge E shore	16T 0294004 4930742	10 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
17	Under HH bridge E shore	16T 0244032 4930746	4 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
18	N HH bridge E shore	16T 0294040 4930804	3 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants
19	Rock Island E shore, GL1	16T 0294163 4930436	4 plts None	None	Yes No	2010 - removed, chemical applied 2011 - no plants

Notes: chemical applied to area around removed plant base. Beetle activity rating based on percentage of leaves with bee-bee holes from beetle feeding: light less than 15%, medium 15% to 30%, heavy greater than 30%.

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Invasive Aquatic Species Monitoring



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