

CONSOLIDATED WATER POWER COMPANY

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A subsidiary of NewPage Corporation*

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

(VIA ELECTRONIC FILING)

Wisconsin Rapids Project, FERC No. 2256 - Article 409 (Purple Loosestrife Monitoring – Biennial Report for 2012/2013)

Dear Secretary:

Article 409 of the Wisconsin Rapids Hydroelectric Project License and the Order approving and modifying Consolidated Water Power Company's (CWPCo) Purple Loosestrife Monitoring Plan required annual monitoring of the noxious plants within project waters, filing a report every two years. Enclosed are the results for the 2012 and 2013 monitoring along with the accompanying purple loosestrife plant location project maps.

Background

Article 409 requires purple loosestrife monitoring while it is in boom and documenting plant sites and plant densities. CWPCo denotes plant densities by: (1) small; 1-5 plants, (2) medium; 6-50 plants and (3) dense; >50 plants. For small densities, past control methods included: (1) hand pulling and removal of whole plant or (2) chemical treatment.

The biennial 2010/11 report had a total of 17 sites monitored for purple loosestrife or 5 additional sites when compared to the 2008/09 time period. Overall, the plant counts were similar to the 2008/09 levels. In 2010, a total of 12 sites were observed with plant density breakdown of 8 small, 3 medium, 1 dense (site 12) with beetle activity at 5 sites. In 2011, a total of 10 sites were observed with plant density breakdown of 9 small and 1 dense (site 12) with beetle activity at 4 sites. Please refer to Table 1 and the attached plant location maps for the purple loosestrife monitoring site data.

2012/13 Biennial Summary

The monitoring for purple loosestrife was conducted during the summers of 2012 (August 6th by boat and August 9th by vehicle) and 2013 (July 30th by boat and August 8th by vehicle). The biennial 2012/13 saw no new purple loosestrife sites observed. Of the 17 sites monitored, purple loosestrife was present at three sites (sites 2, 12, 17) in 2012 and two sites (sites 11, 12) in 2013. The total plant counts are trending lower when compared to the 2010/2011 time period. Site 12

Wisconsin Rapids Hydroelectric Project - Purple Loosestrife Monitoring for 2010/2011

(below Wisconsin Rapids spillway) continues to have a stable purple loosestrife population with light beetle activity. CWPCo is continuing to work with the Wood County Conservation agency and in 2013 placed 4 raised beetle pots in the area to continue with efforts to establish a stable beetle population to aid with the control and spread of purple loosestrife. Please refer to Table 1 and the attached plant location maps for the purple loosestrife monitoring site data.

In summary, the biennial 2012/13 biennial monitoring report indicates the project observed purple loosestrife sites and counts are trending lower. The presence of beetles is aiding in the control and spread of purple loosestrife.


2012/13 Control Methods

Control methods administered in 2012/13 involved: (1) hand pulling and removal of whole plant or (2) flower seed top removal where beetle activity observed less than heavy (30% leaves damaged) or (3) beetle introduction (site 12). Beetle activity was ranked and recorded by % leaf damage (observed bee-bee like holes in leaves) as follows: (1) light, <15% leaves, (2) medium, 15% to 30%, or (3) heavy, >30%.

CWPCo continues to distribute information regarding invasive species (PUBL-WM-250-95) 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 email tom.witt@newpagecorp.com.

CONSOLIDATED WATER POWER COMPANY


Thomas J. Witt

Resources Manager

Enclosure: Purple Loosestrife Location Maps (2)

File: Wisconsin Rapids, LG-90-30, Article 409)

cc: Ms. Cheryl Laatsch, Wisconsin Department of Natural Resources (paper copy)
Mr. Nicholas Ultrup, U.S. Fish & Wildlife Service, Green Bay, WI (paper copy)

Wisconsin Rapids Hydroelectric Project - Purple Loosestrife Monitoring for 2010/2011

Table 1 – Purple Loosestrife Monitoring Site Data

Wisconsin Rapids Hydroelectric Project – Purple Loosestrife Monitoring for 2010 - 2013

Site No	Description	GPS Coordinates	Plt Density	Beetle Activity	Chem Applied	Action Taken
1	Small bedrock outcrop E. of Big Island	16T 0277557 4922583	2 plts 5 plts None None	None Heavy	No No	2010 - removed 2011 - removed flower tops, rest for beetles 2012 - no plants 2013 - no plants
2	Sandy shoreline of a small island	16T 0277610 4922875	2 plts None 2 plts None	None None	No No No	2010 - removed 2011 - no plants 2012 - removed 2013 - no plants
3	Island below f Biron Dam – Out of Project Boundary, observations under Biron Project Report					
4	S. Tip of Big Island	16T 0275617 4920948	2 plts None None None	Heavy	No No	2010 - removed flower tops, rest for beetles 2011 - no plants 2012 - no plants 2013 - no plants
5	SE Shoreline of Hunter Is. (Kraft Mill)	16T 0275920 4921946	2 plts 2 plts None None	None None	No No	2010 - removed 2011 - removed 2012 - no plants 2013 - no plants
6	E. Shoreline adjacent to Pleasant View Lane	16T 0276303 4920894	16 plts 2 plts None None	Heavy Heavy	No No	2010 - removed flower tops, rest for beetles 2011 - removed flower tops, rest for beetles 2012 - no plants 2013 - no plants
7	Small Island and E Shoreline / Strawberry Ln	16T 0276648 4921127	4 plts None None None	None	No No	2010 - removed 2011 - no plants 2012 - no plants 2013 - no plants
8	E. Shoreline abve Straw Ln	16T 0276705 4921180	8 plts 1 plt None None	None None	No No	2010 - removed 2011 – removed 2012 - no plants 2013 - no plants
9	E. Shoreline of Big Island	16T 0277670 4922082	None None None None		No No	2010 - no plants 2011 - no plants 2012 - no plants 2013 - no plants

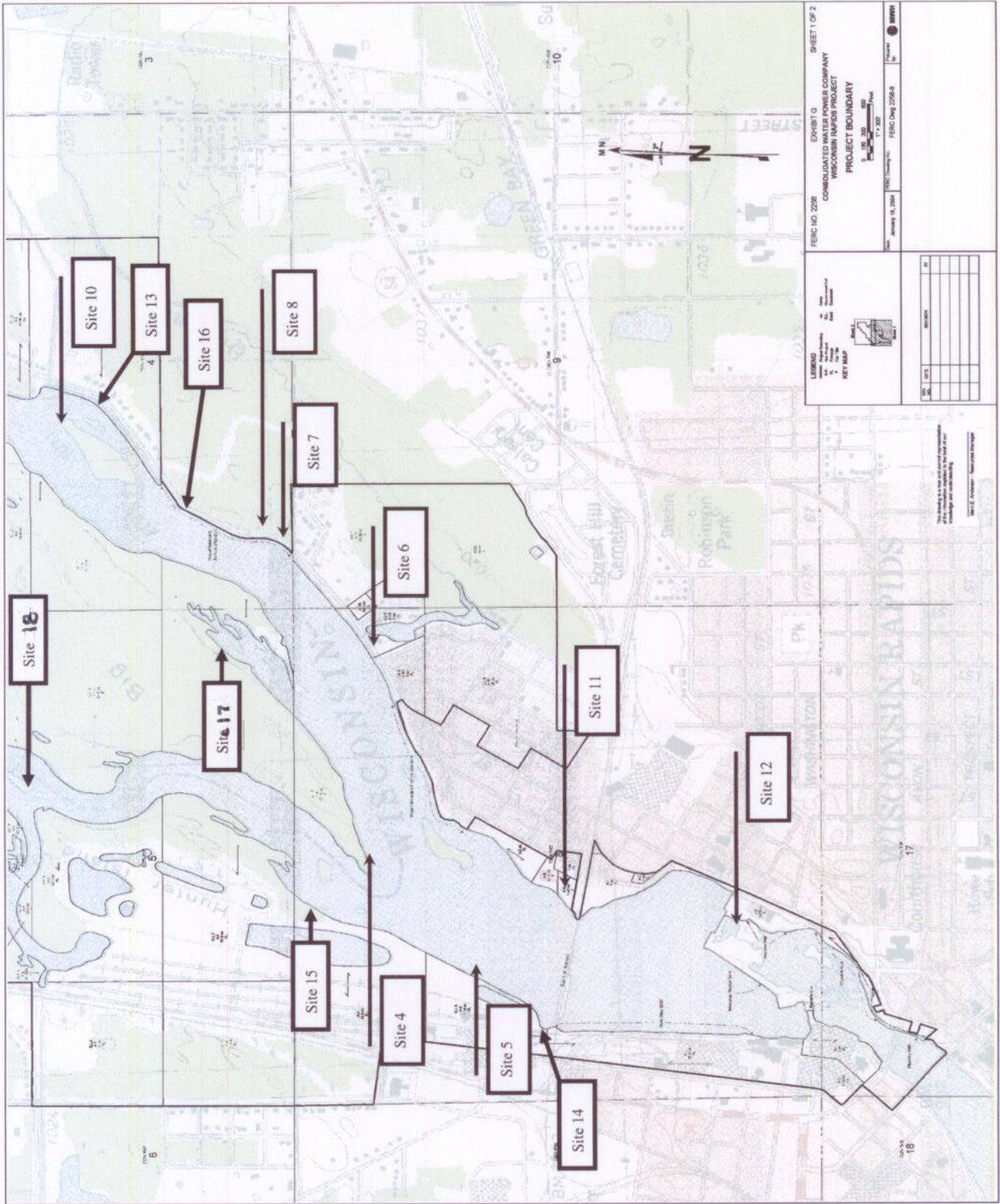
Wisconsin Rapids Hydroelectric Project - Purple Loosestrife Monitoring for 2010/2011

Site No	Description	GPS Coordinates	Plt Density	Beetle Activity	Chem Applied	Action Taken
10	Sm Island E of Big Island near Cranberry ditch outfall	16T 0277124 4921835	4 plts None None None	None	No No	2010 - removed 2011 - no plants 2012 - no plants 2013 - no plants
11	E Shoreline near Canoe Take Out	16T 0275484 4920339	None None None 2 plts	Heavy	No No No	2010 - no plants 2011 - no plants 2012 - no plants 2013 - removed
12	Tail water area of Spillway Section	16T 0275423 4919828	50-100 plts 50-100 Plts 50-100 plts 50-100 plts	Heavy Light Light Light	No No No No	2010 - place 8 beetle pots, monitor 2011 - place 2 beetle pots, monitor 2012 - monitor 2013 - place 4 beetle pots, monitor
13	E Shoreline below Cranberry Ditch Outfall	16T 0277165 4921711	6 plts 5 plts None None	Heavy Heavy	No No	2010 - removed flower tops, rest for beetles 2011 - removed flower tops, rest for beetles 2012 - no plants 2013 - no plants
14	W Shoreline, above RR trestle	16T 0275092 4920403	4 plts None None None	Heavy	No No	2010 - removed flower tops, rest for beetles 2011 - no plants 2012 - no plants 2013 - no plants
15	W Shoreline above Kraft Mill area	16T 0275551 4921154	None 3 plts None None	None	No No	2010 - no plants 2011 - removed 2012 - no plants 2013 - no plants
16	E. Shoreline above Shorewood Terrace	16T 0276423 4921056	4 plts 1 plt None None	None None	No No	2010 - removed 2011 - removed 2012 - no plants 2013 - no plants
17	Small Island above Hunter Island	16T 0277041 4921616	None 4 plts 1 plt None	None Medium	No No No	2010 - no plants 2011 - removed 2012 - removed 2013 - no plants
18	Big Is., SE Cove	16T 0276245 4921225	None 2 plts None None	None	No No	2010 - no plants 2011 - removed 2012 - no plants 2013 - no plants

Notes: No chemical applications for 2010 - 2013. 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%.

Wisconsin Rapids Hydroelectric Project - Purple Loosestrife Monitoring for 2010/2011

Attached Purple Loosestrife Plant Location Maps
(two maps)



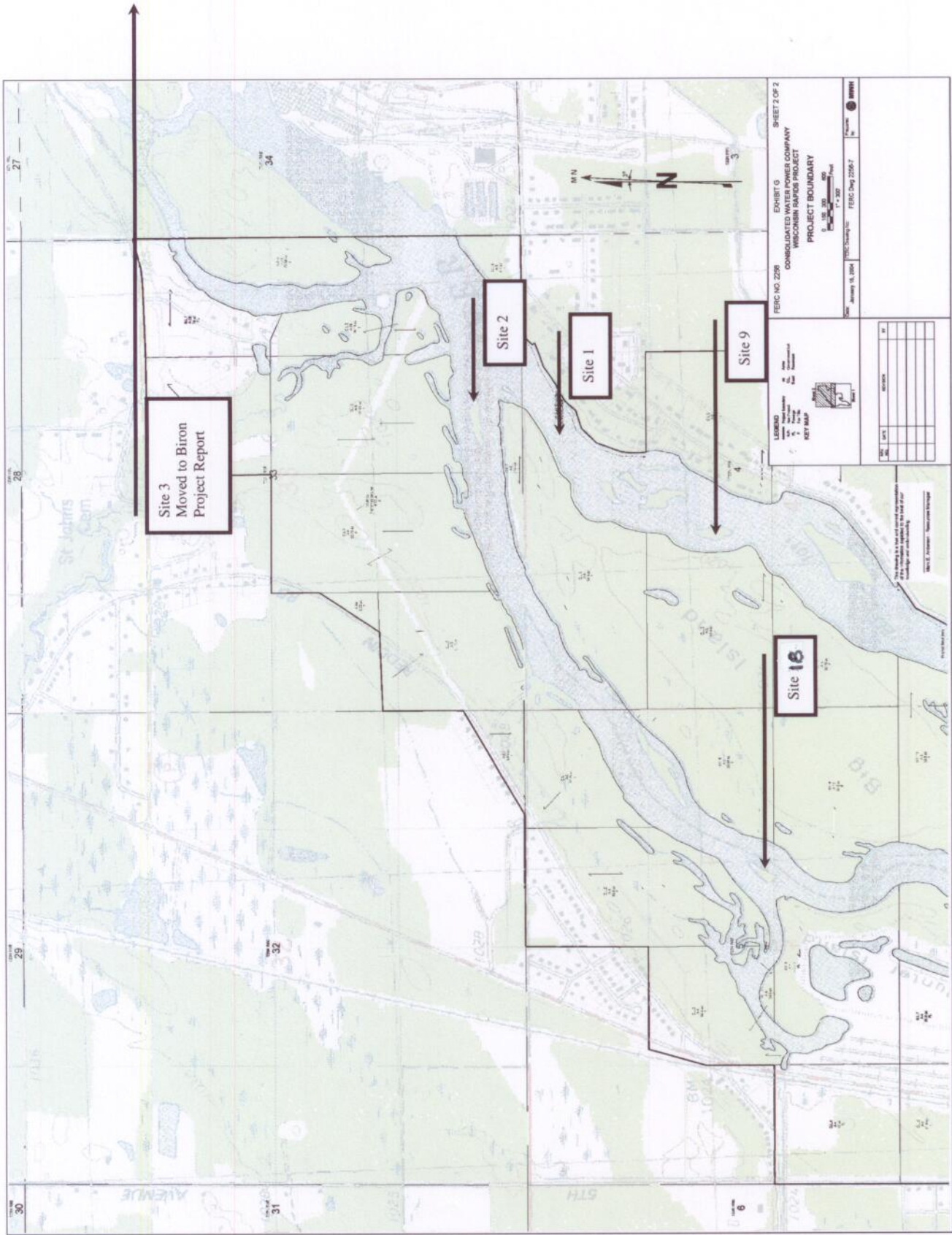
FERC NO. 2209 SHEET 1 OF 2
CONSOLIDATED WATER POWERS COMPANY
WISCONSIN RAPIDS PROJECT
PROJECT BOUNDARY

DATE: January 18, 2004 FERC Docket No. FERC Docket 2209-9
Scale: 1" = 300'

LEGEND
Project Boundary
Sampling Site
KEY MAP

NO.	DATE	DESCRIPTION

WISCONSIN RAPIDS
COUNTY



Site 3
Moved to Biron
Project Report

Site 2

Site 1

Site 9

Site 16

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