

January 12, 2015

Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

**RE: Flambeau Lower FERC Project Number 2421
Flambeau Hydro LLC
Final Report 2014 Purple Loosestrife Inventory Report**

Dear Ms. Bose:

On behalf of Flambeau Hydro LLC, "Flambeau" (Licensee), Renewable World Energies, LLC (RWE) is submitting a copy of the *Final Report 2014 Purple Loosestrife Inventory Report* for the Flambeau Lower Hydroelectric Project. The report is a requirement of Flambeau's Federal license pursuant to article 410. Monitoring was conducted on August 19, 2014. No out of the ordinary issues were encountered and no Purple Loosestrife was observed. The draft report was sent to the agencies by a letter dated December 4, 2014 as an attachment to an e-mail sent December 9, 2015 for review and comment. No comments have been received from WDNR or the USFWS. The next scheduled monitoring event will be conducted in 2015.

If you have any questions concerning this submittal, please contact Mr. Gary Rast at the Renewable World Energies, LLC offices @ 855-994-9376 Ext 105. He can also be reached by e-mail at grast@rwehydro.com.

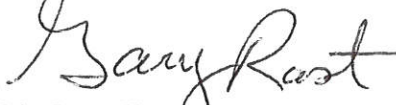
Corporate Office
P.O. Box 264
100 S. State Street
Neshkoro, WI 54960
Fax: 920-293-4100

Phone: 855-99HYDRO
(855-994-9376)
www.renewableworldenergies.com

Administrative Office
1001 Stephenson Street
Norway, MI 49870
Fax: 906-563-9344



Sincerely,
Renewable World Energies, LLC
Agent for Licensee

FOR 
Mr. Jason Kreuseher
Vice President, Operations

Attachment: Flambeau Lower Final Purple Loosestrife Inventory Report

Cc: Ms. Cheryl Laatsch, WDNR
Mr. Nick Utrup, USFWS
RWE, Corporate

Flambeau Lower Project Purple Loosestrife Inventory

August 19, 2014

FERC Project # 2421 Article 410

Flambeau Hydro LLC

100 S. State St.

Neshkoro, WI 54960

Purple Loosestrife

On August 19, 2014, Flambeau Hydro, LLC (FHLLC) performed an inventory of purple loosestrife plants at the Flambeau Lower Project in Price County, Wisconsin. The method of inventory as approved and modified by Federal Energy Regulatory Commission (FERC) Order of June 18, 2003 was defined as follows:

While Purple Loosestrife is blooming in mid-July to early August, the inventory should be conducted using a boat to survey the impoundment above the dam within the Project Boundary and on foot or by boat below the dam within the Project Boundary. County wetland maps may be used to determine other areas where Purple Loosestrife could be found on lands owned by FHLLC within the Project Boundary. Lands owned by FHLLC within the Project Boundary will be surveyed on foot. A pair of binoculars should be used to search for the purple flowered spikes of the plant. When plants are located, the person(s) inventorying should get close enough to make a positive identification without disturbing the plants or the immediate area around the plants as this could cause them to spread. A GPS receiver will be used to establish a GPS coordinate for the location of the plants. If it is not possible to get close enough to establish an accurate location, an approximate location will be established with reference to an established GPS coordinate. The plants should be inventoried by marking and numbering the location on a Project map along with notes approximating size of plants, stand area, percent cover, stem density, plant density, and location with reference to established GPS coordinates. Photos and/or videotape will be taken of the largest occurrences.

Example:

#1) 6' tall plants; 4' x 20'; 30% cover; 4-5 stems per plant; 4 plants; on shoreline N45 56.183' W90 26.748'; no photo

#2) 5'-7' tall plants; 10' x 10'; 25% cover; 4-5 stems per plant; 10 plants; in marsh ~50 feet Bearing 25 degrees from N45 56.256' W90 26.710'; photo No. 1

The area to be inventoried shall be the shoreline of the impoundment to elevation 1468 feet NGVD and lands owned by FHLLC within the Project Boundary as indicated on the Project Maps 1, dated November 1991, included in Exhibit G of Flambeau Paper Corp. Application for a Subsequent License for the Lower Hydroelectric Project FERC Project #2421.

General Observations:

The Flambeau Lower Project Boundary was divided into three different areas; *the impoundment* (from HWY 182 bridge in Park Falls to the dam), *FHLLC-owned property within the project boundary* (FHLLC owned property adjacent to the dam and powerhouse), and *the tailrace* (from the dam and powerhouse to the HWY 13 bridge).

The tailrace was surveyed by boat and no purple loosestrife plants were observed.

The FHLLC-owned property within the project boundary was surveyed on foot and no purple loosestrife plants were observed.

The impoundment was surveyed by boat and no purple loosestrife plants were observed.

All survey information has been entered into the SWIMS database for the 2014 year.

If any purple loosestrife plants had been found during the inventory, a digital camera would have been used to document these occurrences and GPS coordinates for the location of the plants would have been recorded.

Purple Loosestrife Survey

Project: Flambeau Lower #2421

Datum: WGS 84

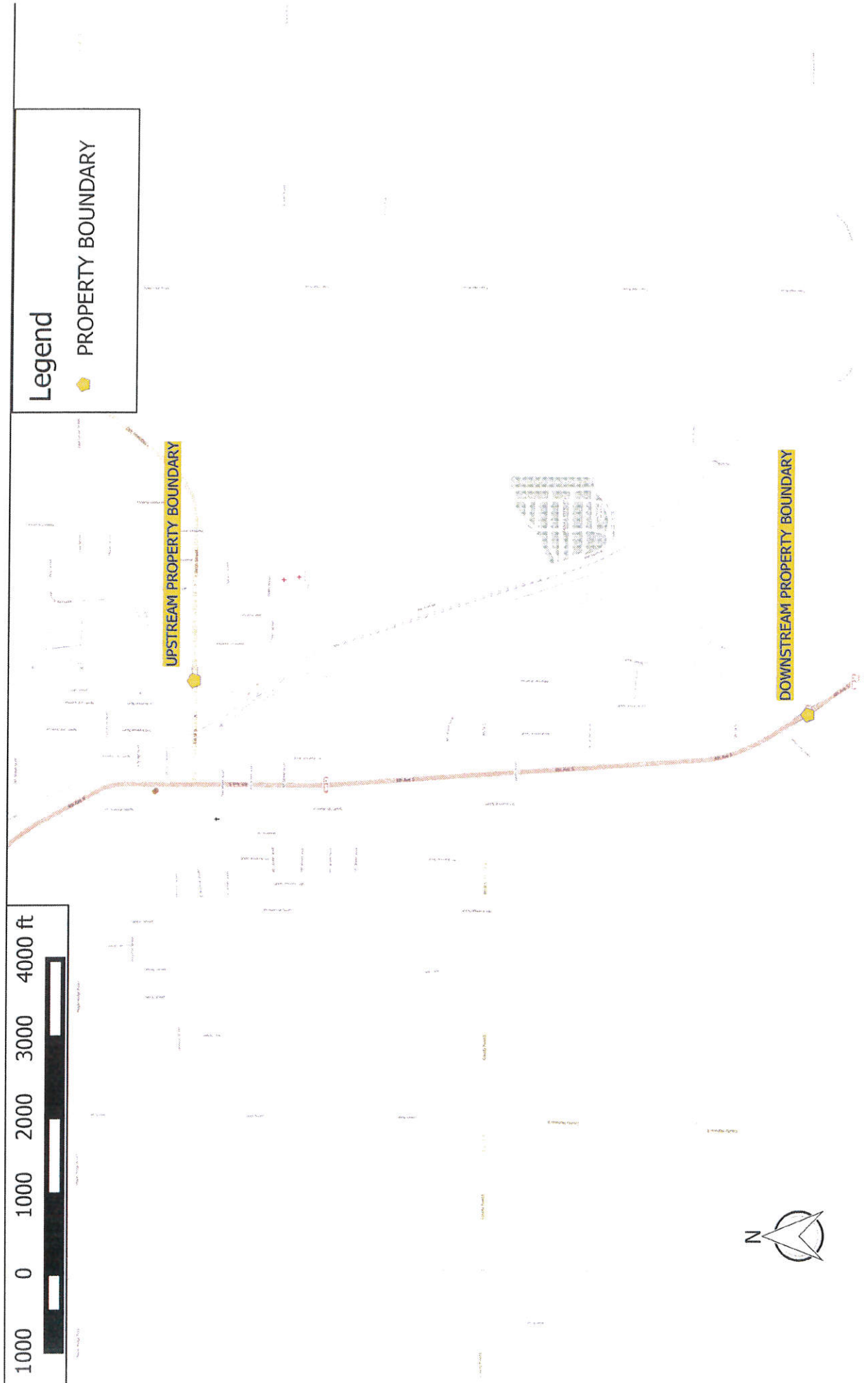
Date: August 19, 2014

Page: 1 of 1

Crew: GGR and BR

Sighting #	GPS Point	Latitude	Longitude	Plant Height	Stand Area	Comments
						No occurrences of purple loosestrife were found within the project boundary in 2014.

FLAMBEAU LOWER HYDROELECTRIC PROJECT FERC # 2421 PURPLE LOOSETRIFE MAP 2014



PROJECT
FLOW - 452 CFS

Year 2014 Purple Loosestrife Survey

Flambeau Lower Hydroelectric Project - FERC # 2421

Date: 8/19/14 Conducted By: GARY RAST + BEN RICHARD

HWL: 1467.21 TWL: 1448.4

Time Survey Started: 1:30 PM Time Survey Ended: 2:30 PM

Weather Conditions: WINDS NW @ 6MPH, MOSTLY CLOUDY, TEMPS IN HIGH 60'S, + PRESSURE @ 29.71.

Location of Survey Area: Tailrace _____ Bypass Reach _____ Impoundment X

Time of Sighting(s): N/A _____

Location of Sighting(s) (GPS Coordinates): N/A _____

(Attach Photos & Map if Applicable)

Purple Loosestrife: NONE

Other Species Observed: _____

Other Pertinent Survey Information

Gary Rast

Year 2014 Purple Loosetrife Survey

PROJECT - 452 OFS
FLOW

Flambeau Lower Hydroelectric Project - FERC # 2421

Date: 8/19/14 Conducted By: GARY RAST

HWL: 1467.21 TWL: 1448.4

Time Survey Started: 2:50 PM Time Survey Ended: 3:05 PM

Weather Conditions: WINDS NW @ 6 MPH, OVERCAST, TEMPS IN HIGH 60'S, & PRESSURE @ 29.72.

Location of Survey Area: Tailrace Bypass Reach _____ Impoundment _____

Time of Sighting(s): N/A _____

Location of Sighting(s) (GPS Coordinates): N/A _____

(Attach Photos & Map if Applicable)

Purple Loosetrife: NONE

Other Species Observed: _____

Other Pertinent Survey Information

Gary Rast

CORRESPONDENCE

Gary Rast



COPY

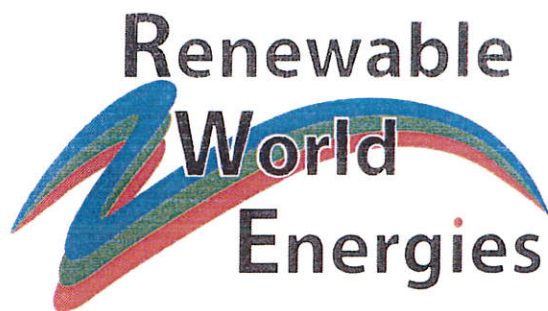
From: Aneta Rietveld
Sent: Monday, January 12, 2015 12:58 PM
To: Gary Rast
Subject: FW: FLUP,PXLY,CRLY, FLLW Purple Loosestrife inventory to agencies
Attachments: 14-12-04 GGR AKR FLLW PL Inventory Draft to Agencies.pdf; 14-12-09 GGR AKR PXLY PL Inventory Draft to Agencies.pdf; 14-12-09 GGR AKR FLUP PL Inventory Draft to Agencies.pdf; 14-12-09 GGR AKR CRLY PL Inventory Draft to Agencies.pdf

From: Aneta Rietveld
Sent: Tuesday, December 09, 2014 11:13 AM
To: cheryl.laatsch@wisconsin.gov; 'nick_utrup@fws.gov'
Subject: FW: FLUP,PXLY,CRLY, FLLW Purple Loosestrife inventory to agencies

Hi Nick and Cheryl,

Attached you will find the 2014 Purple Loosestrife inventories for Renewable World Energies, LLC's Pixley, Crowley, Flambeau Lower, and Flambeau Upper projects. All four have already been included in the SWIMS database as of the beginning of November. Please send any comments you may have to me in the next month and a half and I will file as final in the end of January. Thank you,

Aneta Rietveld
RWE Hydro
Environmental
Cell(920)293-1251



December 4, 2014

Mr. Nick Utrup
WI/MN Ecological Services Field Office
U.S. Fish and Wildlife Service
4101 American Blvd. East
Bloomington, MN 55425

Ms. Cheryl Laatsch
Statewide FERC Coordinator
Wisconsin Department of Natural Resources
N7725 Hwy 28
Horicon, WI 53032

**Re: Flambeau Lower Hydroelectric Project
FERC # 2421
Flambeau Hydro, LLC
Article 410, 2014 Draft Purple Loosetrife Inventory**

Dear Ms. Laatsch, and Mr. Utrup:

Attached you will find a draft copy of the Flambeau Hydro, LLC "Purple Loosetrife Inventory" for 2014. This annual report has been prepared to comply with the federal hydropower license of the project and article named above. A final copy will be filed with the Federal Energy Regulatory Commission with any comments you might add by the end of January.

If you have any questions regarding this submission, please contact Mr. Gary Rast at Renewable World Energies Neshkoro office @ (855)994-9376, ext 105 or Aneta Rietveld at Renewable World Energies Norway office @ (855)994-9376, ext 108. They can also be reached via email at grast@rwehydro.com or arietveld@rwehydro.com.

Sincerely,
Renewable World Energies, LLC
Agent for the Licensee


for Mr. Jason Kreuzscher
Vice President Operations

Attached: Flambeau Lower 2014 Draft Purple Loosetrife Inventory

CC:RWE Hydro, Corporate

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Document Content(s)

15-01-12 GGR FLLW FINAL P L RPT TO FERC.PDF.....1-12