

January 12, 2016

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

**RE: Flambeau Pixley FERC Project Number 2395  
Flambeau Hydro LLC  
Final Report 2015 Purple Loosetrife Inventory Report**

Dear Ms. Bose:

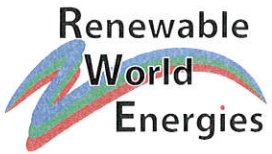
On behalf of Flambeau Hydro LLC, "Flambeau" (Licensee), Renewable World Energies, LLC (RWE) is submitting a copy of the *Final Report 2015 Purple Loosetrife Inventory Report* for the Flambeau Pixley Hydroelectric Project. The report is a requirement of Flambeau's Federal license pursuant to article 410. Monitoring was conducted on August 26, 2015. No out of the ordinary issues were encountered and no Purple Loosetrife was observed. The draft report was sent to the agencies by a letter dated November 10, 2015 as an attachment to an e-mail sent the same day for review and comment. Comment was received from WDNR on December 1, 2015 saying "the reports had been reviewed and they do not have any comments". No comments have been received from the USFWS. The next scheduled monitoring event will be conducted in 2016.

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](mailto:grast@rwehydro.com).

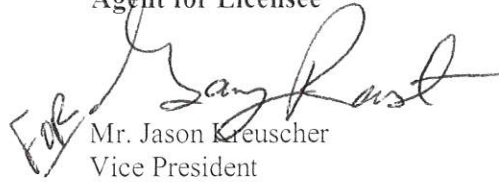
**Corporate Office**  
P.O. Box 264  
100 S. State Street  
Neshkoro, WI 54960  
Fax: 920-293-4100

Phone: 855-99HYDRO  
(855-994-9376)  
[www.renewableworldenergies.com](http://www.renewableworldenergies.com)

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



Sincerely,  
**Renewable World Energies, LLC**  
Agent for Licensee

A handwritten signature in black ink, appearing to read "Jason Kreuscher". The signature is written in a cursive style and is positioned above the printed name and title.

Mr. Jason Kreuscher  
Vice President

Attachment: Flambeau Pixley Final Purple Loosestrife Inventory Report

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

**Flambeau Pixley Project Purple Loosestrife Inventory**  
**August 26, 2015**  
**FERC Project # 2395 Article 410**

**Flambeau Hydro LLC**  
**100 S. State St.**  
**Neshkoro, WI 54960**

*Purple Loosestrife*

On August 26, 2015, Flambeau Hydro, LLC (FHLLC) performed an inventory of purple loosestrife plants at the Flambeau Pixley 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 1450 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 Pixley Hydroelectric Project FERC Project #2395.

General Observations:

The Flambeau Pixley Project Boundary was divided into three different areas; *the impoundment* (from HWY 13 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 approximately 500 feet downstream of the dam).

*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 2015 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**

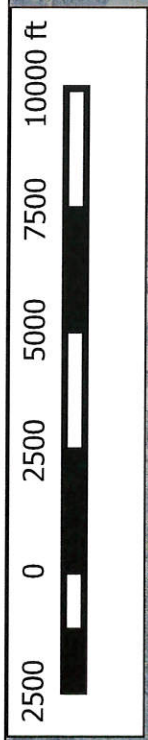
**Project:** Flambeau Pixley #2395      **Datum:** WGS 84

**Date:** August 26, 2015      **Page:** 1 of 1

**Crew:** GGR and JT

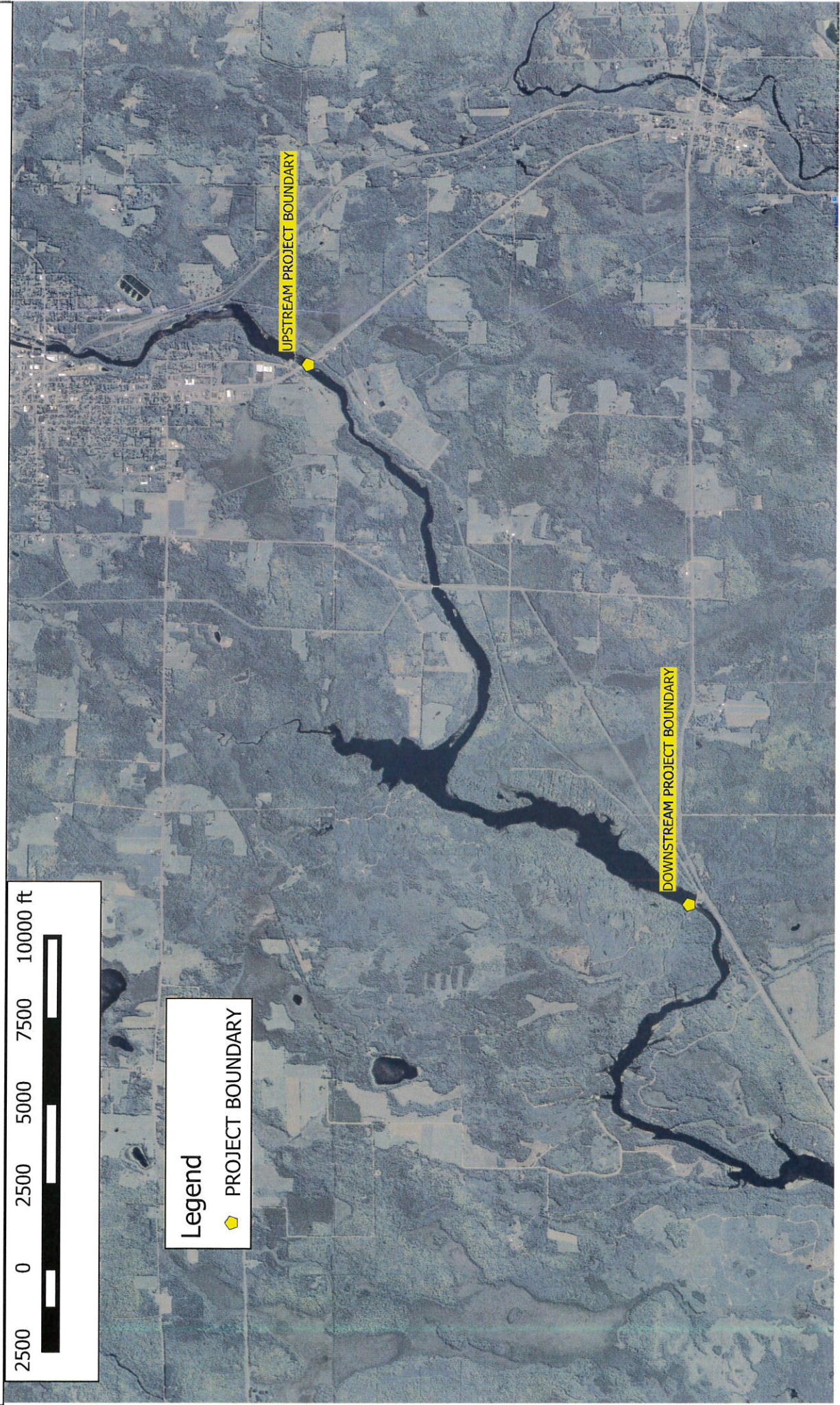
Sighting #	GPS Point	Latitude	Longitude	Plant Height	Stand Area	Comments
						No occurrences of purple loosestrife were found within the project boundary in 2015.

PIXLEY HYDROELECTRIC PROJECT  
FERC #2395 PURPLE LOOSESTRIFE 2015



**Legend**

- PROJECT BOUNDARY



Year 2015 Purple Loosestrife Survey

PAGE 1

Flambeau Pixley Hydroelectric Project – FERC # 2395

Date: 8/26/15 Conducted By: GARY RAST + JIM TESCH

HWL: 1448.456 TWL: 1427.6 PROJECT FLOW  
622 CFS

Time Survey Started: 8:30 AM Time Survey Ended: 9:15 AM

Weather Conditions: WINDS W @ 3MPH, FAIR, BRIGHT SUN,  
CLEAR, 53°F, + BAR @ 30.18

Location of Survey Area: Tailrace \_\_\_\_\_ Bypass <sup>X FILL</sup> Reach PROPERTY Impoundment \_\_\_\_\_

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: SONG BIRDS

Other Pertinent Survey Information

Gary Rast

Year 2015 Purple Loosestrife Survey

PAGE 2

Flambeau Pixley Hydroelectric Project - FERC # 2395

Date: 8/26/15

Conducted By: CARY RAST + JIM TESCH

HWL: 1448.456

TWL: 1427.6 PROJECT FLOW  
622CFS

Time Survey Started: 9:15AM

Time Survey Ended: 9:45AM

Weather Conditions: WINDS N @ 5 MPH, FAIR, CLEAR, 56°F,  
BRIGHT SUN, + BAR @ 30.18.

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 Loosestrife: NONE

Other Species Observed: SONG BIRDS

Other Pertinent Survey Information

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Cary Rast



Year 2015 Purple Loosestrife Survey

PAGE 3

Flambeau Pixley Hydroelectric Project – FERC # 2395

Date: 8/26/15 Conducted By: CARY RAST + JIM TESCH  
HWL: 1448.456 TWL: 1427.6 PROJECT FLOW  
622 CFS  
Time Survey Started: 9:45 AM Time Survey Ended: 1:45 PM  
Weather Conditions: CALM, FAIR, CLEAR, BRIGHT SUN,  
60°F, + BAR @ 30.18  
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: SONG BIRDS, 6 MALLARD DUCKS,  
1 EAGLE (SOARING), 50 OR MORE VARIOUS  
TURTLES

Other Pertinent Survey Information

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Cary Rast



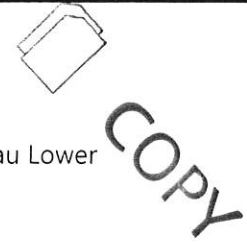
Pixley Project PL Survey August 26, 2015

# Correspondence

## Gary Rast

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**From:** Laatsch, Cheryl - DNR <Cheryl.Laatsch@wisconsin.gov>  
**Sent:** Tuesday, December 01, 2015 10:14 AM  
**To:** Gary Rast; Jason Kreuzscher  
**Subject:** FW: AIS reports for Crowley, Pixley, FLambeau Upper, Flambeau Lower



See below.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Cheryl Laatsch  
Phone: 920-387-7869  
[Cheryl.laatsch@wisconsin.gov](mailto:Cheryl.laatsch@wisconsin.gov)

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**From:** Kleist, Jon J - DNR  
**Sent:** Monday, November 30, 2015 2:15 PM  
**To:** Laatsch, Cheryl - DNR  
**Cc:** Aartila, Tom P - DNR  
**Subject:** RE: AIS reports for Crowley, Pixley, FLambeau Upper, Flambeau Lower

Hi Cheryl,

I reviewed the 4 reports. I do not have any comments. The only reported PL was on Crowley flowage which was reported to be removed by hand (except for one plant) We will see if the hand removal was successful next year.

Let me know if you need anything else

Thanks

Jon

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jon Kleist  
Phone: 715-762-1344  
[jon.kleist@wisconsin.gov](mailto:jon.kleist@wisconsin.gov)

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**From:** Laatsch, Cheryl - DNR  
**Sent:** Monday, November 16, 2015 9:02 AM  
**To:** Roesler, Craig P - DNR; Kleist, Jon J - DNR  
**Cc:** Aartila, Tom P - DNR  
**Subject:** AIS reports for Crowley, Pixley, FLambeau Upper, Flambeau Lower  
**Importance:** High

Here are 4 reports from RWE for AIS monitoring. Please take a look and let me know if you have any comments or questions. Please respond by Nov 30. Thanks for your assistance.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Cheryl Laatsch

Statewide FERC Coordinator – Watershed Bureau/Water Division

Wisconsin Department of Natural Resources

N7225 Highway 28, Horicon WI 53032

Phone: 920-387-7869

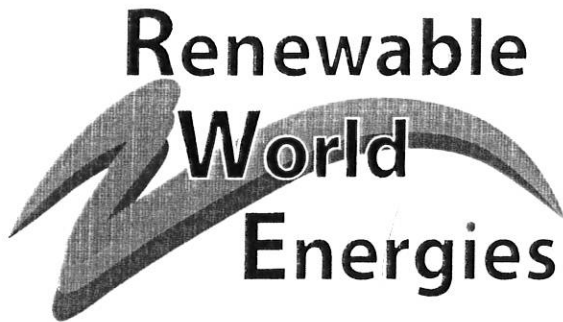
Fax: 920-387-7888


[Cheryl.laatsch@wisconsin.gov](mailto:Cheryl.laatsch@wisconsin.gov)



[dnr.wi.gov](http://dnr.wi.gov)





 COPY

November 10, 2015

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

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

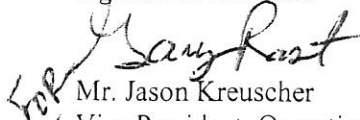
**Re: Flambeau Pixley Project FERC # 2395  
Flambeau Hydro, LLC  
Article 410, 2015 DRAFT Purple Loosestrife Inventory**

Dear Ms. Laatsch, and Mr. Utrup:

Attached you will find a copy of the Flambeau Hydro, LLC "Purple Loosestrife Inventory" for 2015. 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. He can also be reached via email at [grast@rwehydro.com](mailto:grast@rwehydro.com).

Sincerely,  
**Renewable World Energies, LLC**  
**Agent For Licensee**

  
Mr. Jason Kreuzscher  
Vice President, Operations

Attachment: Flambeau Pixley 2015 Purple Loosestrife Inventory Draft Report

CC: RWE Corporate

15-11-10 GGR PXLV 2015 P L Inv Draft Rpt To AG

1

**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](http://www.renewableworldenergies.com)

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

**Gary Rast**

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**From:** Gary Rast  
**Sent:** Tuesday, November 10, 2015 10:59 AM  
**To:** 'Laatsch, Cheryl - DNR'; Utrup, Nick  
**Subject:** Draft 2015 PXLY PL Report  
**Attachments:** 15-11-10 GGR PXLY 2015 PL INV DRAFT RPT TO AG.pdf

COPY

Cheryl & Nick,

Attached is the 2015 Draft Purple Loosetrife Report for the Flambeau Pixley Hydro Project.

Gary

Gary Rast  
Regulatory/Compliance Manager



Renewable World Energies, LLC  
100 S. State Street  
P.O. Box 264  
Neshkoro, WI 54960  
Phone: 855-994-9376 Ext. 105  
Fax: 920-293-4100  
Cell: 920-570-0995  
E-mail: [grast@rwehydro.com](mailto:grast@rwehydro.com)