



ORIGINAL

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OFFICE OF THE
SECRETARY

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

2004 OCT 27 A 10:42

October 26, 2004

FEDERAL ENERGY
REGULATORY COMMISSION

P-2522-088

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, DC 20426

Dear Secretary Salas:

070 091 084 066

052

FERC Project No. 2525, No. 2595, No. 2546, No. 2560, No. 2581

AWA/ALM/CR

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project No. 2595), Johnson Falls Project (FERC Project No. 2522), Sandstone Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) originally submitted the survey results for Eurasian water milfoil, purple loosestrife, and zebra mussels on October 21, 2004.

In the October 21, 2004 submittal, an incorrect attachment was sent in error. (This current survey results submittal is intended to super-cede the survey results letter dated October 21, 2004).

All of the above mentioned projects were surveyed for purple loosestrife in early August. The presence of purple loosestrife was identified at the Peshtigo Project and one small colony was identified at the Sandstone Project. The small colony located at the Sandstone Project, was removed by cutting and spraying with an approved herbicide. Maps indicating the locations and colony sizes are located in Appendix A.

Per the request of Mr. Greg Sevener of the Wisconsin Department of Natural Resources, WPSC conducted a Eurasian water milfoil survey at the Caldron Falls Project. On August 3, 2004, one transect was sampled near boating landing 11 on the Caldron Falls Project. The results from the Eurasian water milfoil survey are located in Appendix B.

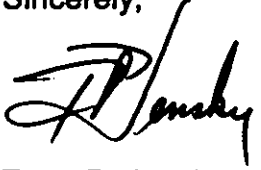
Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects. Zebra mussels were not found at any of the six projects during any of the monthly 2004 inspections. A summary of the results is included in Appendix C.

Ms. Magalie R. Salas
October 26, 2004
Pg. 2

The results from the purple loosestrife and Eurasian water milfoil surveys, and the zebra mussel monitoring have also been sent to the Wisconsin Department of Natural Resources, the U.S. Fish & Wildlife Service, and the Sea Grant Institute. Documentation of the submittal of these results can be found in Appendix D (appendixes not included). At the time of this letter, the agencies had not commented on the results.

WPSC sincerely apologizes for any inconvenience the original submittal error may have caused. Should you have any questions or require additional information, please do not hesitate to call Jamie Nuthals at (920) 433-1460

Sincerely,



Terry P. Jensky
Assistant Vice President – Energy Supply Operations
Telephone: (920) 433-2277

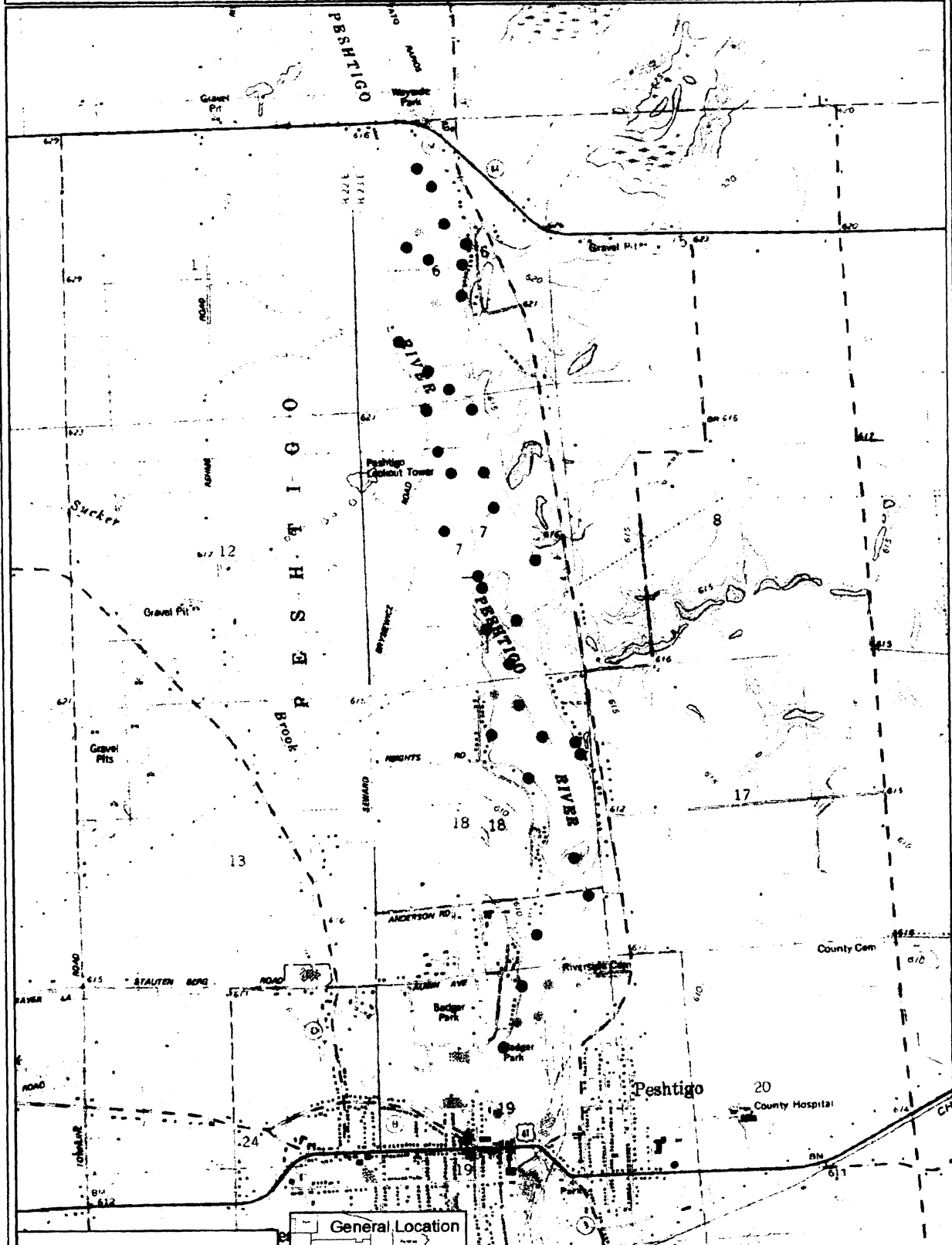
Enc.

cc: Ms. Peggy Harding, FERC – Chicago
Mr. Gil Snyder, WPSC – D2
Mr. Bruce Crocker, WPSC – D2

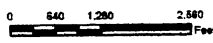
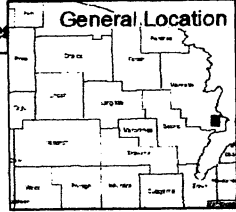
Ms. Joan Johaneck, WPSC – D2
Mr. Bill Błoczynski, WPSC – MERH
Mr. Terri Taylor, WPSC – CRI

Appendix A
Purple Loosestrife Colonies

Wisconsin Public Service Corporation Peshtigo River 2004 Exotic Species Monitoring Results



- Purple Loosestrife Locations**
- 1-5 Plants
 - 6-50 Plants
 - 50+ Plants

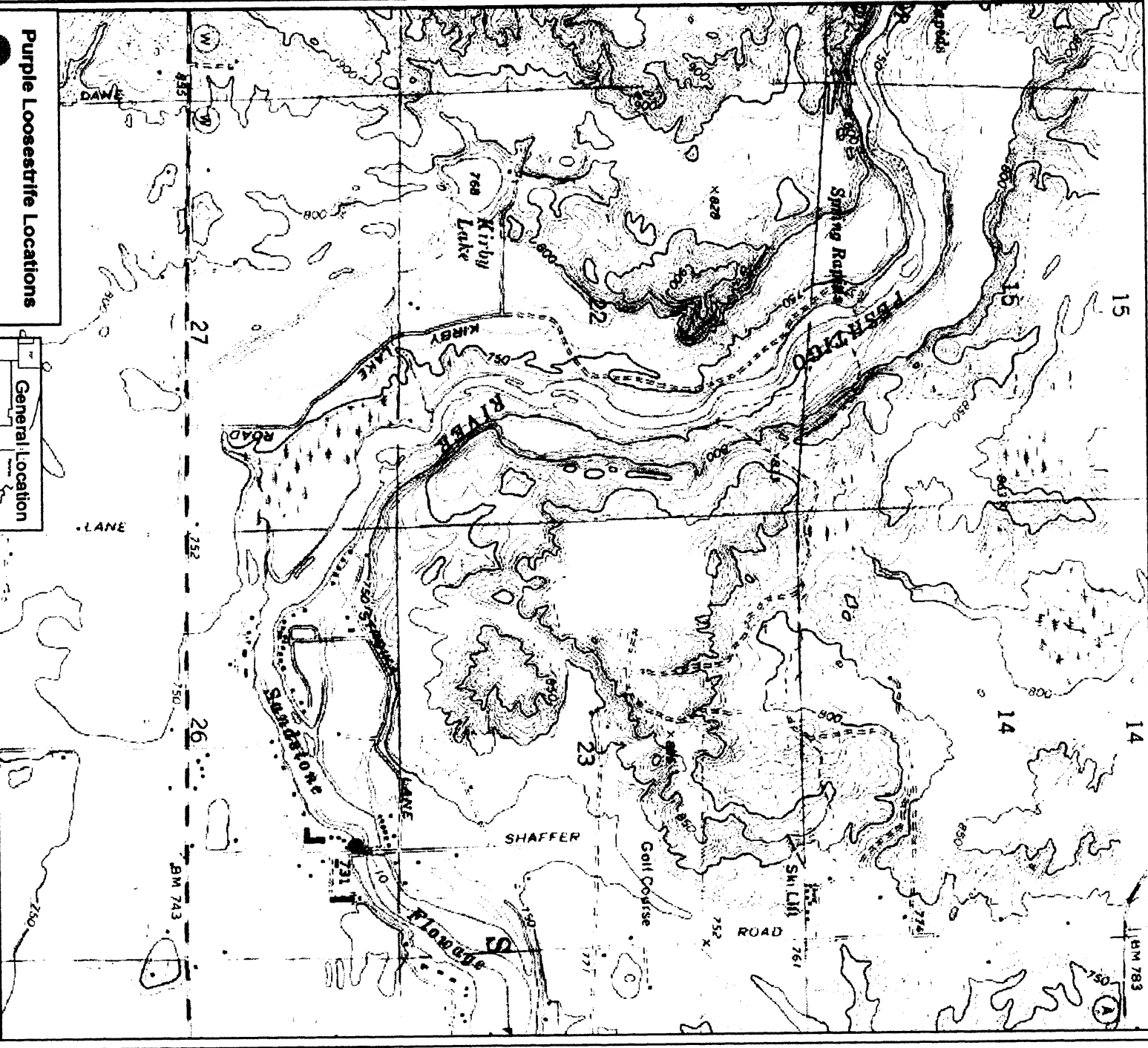


1:20,000



October 18, 2004

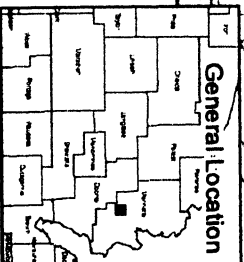
Wisconsin Public Service Corporation Sandstone Rapids 2004 Exotic Species Monitoring Results



Purple Loosestrife Locations

- 1-5 Plants
- 6-50 Plants
- 50+ Plants

General Location



1:20,000



October 18, 2004

Appendix B
Eurasian Water Milfoil Survey Results

Project:	Caldron Falls Project				
Date:					
Location:	Boat Landing 11				
Sample:	CFS10A				
Transcet	0-0.5 Meters	0.5-1.5 Meters	1.5-3.0 Meters	<3.0 Meters	GPS Coordinates
					(degrees north, mintues)
					(degrees west, mintues)
10A	1	0	0	NA	
10B	1	3	2	NA	45 21.882
10C	0	2	1	NA	88 18.284

Appendix C
Zebra Mussel Inspection Results

10/21/00 SAT 10:29 10:

TEL 110:

H006 F04

ATTACHMENT A

**ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS**

HYDRO NAME

- | | | |
|--|---|---|
| <input type="checkbox"/> Caldron Falls | <input type="checkbox"/> Johnson Falls | <input checked="" type="checkbox"/> Potato Rapids |
| <input type="checkbox"/> High Falls | <input type="checkbox"/> Sandstone Rapids | <input type="checkbox"/> Peshtigo |

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: April 1, 2004
 COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: May 10, 2004
 COMMENTS/RESULTS: No zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: June 1, 2004
 COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: July 1, 2004
 COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: AUG
 COMMENTS/RESULTS: No Zebra Mussels found

ATTACHMENT A

ZEBRA MUSSEL INSPECTION RESULTS
PESHITIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: SEPT 1, 2004
 COMMENTS/RESULTS: No Zebra Mussels Found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: OCT 1, 2004
 COMMENTS/RESULTS: No Zebra Mussels Found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: _____
 COMMENTS/RESULTS: _____

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: _____
 COMMENTS/RESULTS: _____

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: _____
 COMMENTS/RESULTS: _____

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

ATTACHMENT A
2004

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: MAY 2004
 COMMENTS/RESULTS: NO zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: June
 COMMENTS/RESULTS: NO zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: July
 COMMENTS/RESULTS: NO zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: Aug
 COMMENTS/RESULTS: No Zebra Mussels

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: SEPT
 COMMENTS/RESULTS: No Zebra Mussels

2004

ZEBRA MUSSEL INSPECTION RESULTS PESHTIGO RIVER HYDROELECTRIC PROJECTS

ATTACHMENT A

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-23-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-19-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-4-04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-26-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-12-04
 COMMENTS/RESULTS: OK

9-17-4 Monthly Inspection OK

2004

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS ATTACHMENT A

HYDRO NAME

- Caldron Falls
- Johnson Falls
- Potato Rapids
- High Falls
- Sandstone Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-23-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-17-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-25-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-27-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-13-4
 COMMENTS/RESULTS: OK

9-17-4 monthly inspection OK

2004

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS ATTACHMENT A

HYDRO NAME

- Caldron Falls
- High Falls
- Johnson Falls
- Sandstone Rapids
- Potato Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-27-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-18-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-24-4
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-20-04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-12-04
 COMMENTS/RESULTS: O.K.

9-20-04 monthly inspection OK

2004

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS ATTACHMENT A

HYDRO NAME

- Caldron Falls
- High Falls
- Johnson Falls
- Sandstone Rapids
- Potato Rapids
- Peshtigo

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 4-23-04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-24-04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-3-04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7/26/04
 COMMENTS/RESULTS: OK

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-12-04
 COMMENTS/RESULTS: OK

9-20-04 Monthly inspection OK

Appendix D
Documentation of Submittal



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

October 19, 2004

Mr. Phil Moy
UW Manitowoc
705 Viebann St.
Manitowoc, WI 54220

Dear Mr. Moy:

FERC Project No. 2525, No. 2595, No. 2546, No. 2560, No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project No. 2595), Johnson Falls Project (FERC Project No. 2522), Sandstone Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560), and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for Eurasian water milfoil, purple loosestrife, and zebra mussels

All of the above mentioned projects were surveyed for purple loosestrife in early August. The presence of purple loosestrife was identified at the Peshtigo Project and one small colony was identified at the Sandstone Project. The small colony located at the Sandstone Project, was removed by cutting and spraying with an approved herbicide. Maps indicating the locations and colony sizes are located in Appendix A.

Per the request of Mr. Greg Sevener of the Wisconsin Department of Natural Resources, WPSC conducted a Eurasian water milfoil survey at the Caldron Falls Project. On August 3, 2004, one transect was sampled near boating landing 11 on the Caldron Falls Project. The results from the Eurasian water milfoil survey are located in Appendix B.

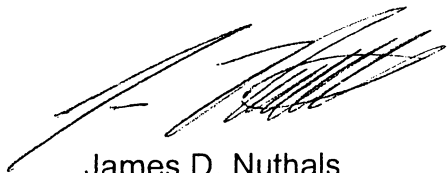
Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects. Zebra mussels were not found at any of the six projects during any of the monthly 2004 inspections. A summary of the results are included in Appendix C.

The next Eurasian water milfoil survey for all the Peshtigo River Hydro Projects is scheduled for 2005.

Mr. Phil Moy
October 19, 2004
Pg. 2

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

Enc.

bjv

cc: Ms. Joan Johaneck, WPSC – D2



Wisconsin Public Service Corporation

(a subsidiary of WPS Resources Corporation)

700 North Adams Street

P.O. Box 19002

Green Bay, WI 54307-9002

October 19, 2004

Mr. Larry Thompson
US Fish & Wildlife Service
2661 Scott Tower Drive
New Franken, WI 54229

Dear Mr. Thompson:

FERC Project No. 2525, No. 2595, No. 2546, No. 2560, No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project No. 2595), Johnson Falls Project (FERC Project No. 2522), Sandstone Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560), and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for Eurasian water milfoil, purple loosestrife, and zebra mussels

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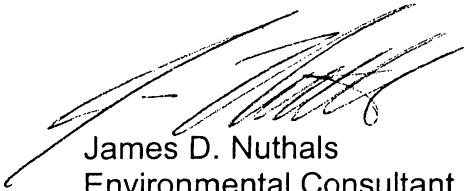
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Mr. Larry Thompson
October 19, 2004
Pg. 2

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

Enc.

bjv

cc: Ms. Joan Johaneck, WPSC – D2



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

October 19, 2004

Mr. Tom Meronek
Wisconsin Department of Natural Resources
101 N. Ogden Road
Peshtigo, WI 54157

Dear Mr. Meronek:

FERC Project No. 2525, No. 2595, No. 2546, No. 2560, No. 2581

As per the order approving the Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project No. 2595), Johnson Falls Project (FERC Project No. 2522), Sandstone Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560), and the Peshtigo Project (FERC Project No. 2581) issued on August 20, 1998, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for Eurasian water milfoil, purple loosestrife, and zebra mussels

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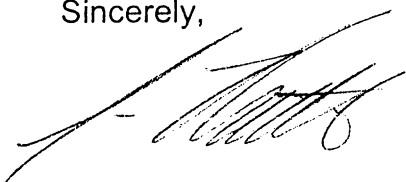
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Mr. Tom Meronek
October 19, 2004
Pg. 2

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

Sincerely,

A handwritten signature in black ink, appearing to read "James D. Nuthals", written in a cursive style.

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

Enc.

bjv

cc: Ms. Joan Johaneck, WPSC – D2