

ORIGINAL



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

October 20, 2006

Ms. Magalie R. Salas, Secretary
Federal Energy Regulatory Commission
Mail Code: DTCA, HL 21.3
888 First Street, N.E.
Washington, DC 20426

2006 OCT 23 P 3:42
FILED
OPERATIONS
SECTION
GREEN BAY, WI

Dear Secretary Salas:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and 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 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids 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 annual survey results for purple loosestrife, Eurasian water milfoil, and zebra mussels.

All of the above mentioned projects were surveyed for purple loosestrife from July 25, 2006 to July 27, 2006. As in previous years, the presence of purple loosestrife was only identified at the Peshtigo Project. A figure indicating the location and colony size is located in Appendix A.

Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects for the months of May through September. Zebra mussels were not found at any of the six projects during any of the monthly 2006 inspections. A summary of the results of the monthly inspections has been included in Appendix B.

Eurasian water milfoil surveys are to be conducted on a tri-annual basis with the next surveys scheduled for 2008.

Documentation of submittal of these results to the agencies can be found in Appendix C.

If you should have any questions, please do not hesitate to contact James Nuthals at (920) 433-1460.

Sincerely,

Terry P. Jensky
Assistant Vice President - Energy Supply Operations
Telephone: (715) 355-2047

syx

Enc.

- cc: Mr. Ed Brandt - WPSC, CRI
- Mr. Bruce Crocker - WPSC, D2
- Mr. Gil Snyder - WPSC, D2
- Ms. Joan Johaneck - WPSC, D2
- Ms. Peggy Harding - FERC, Chicago
- Ms. Carlisa Linton - FERC, Washington

APPENDIX A

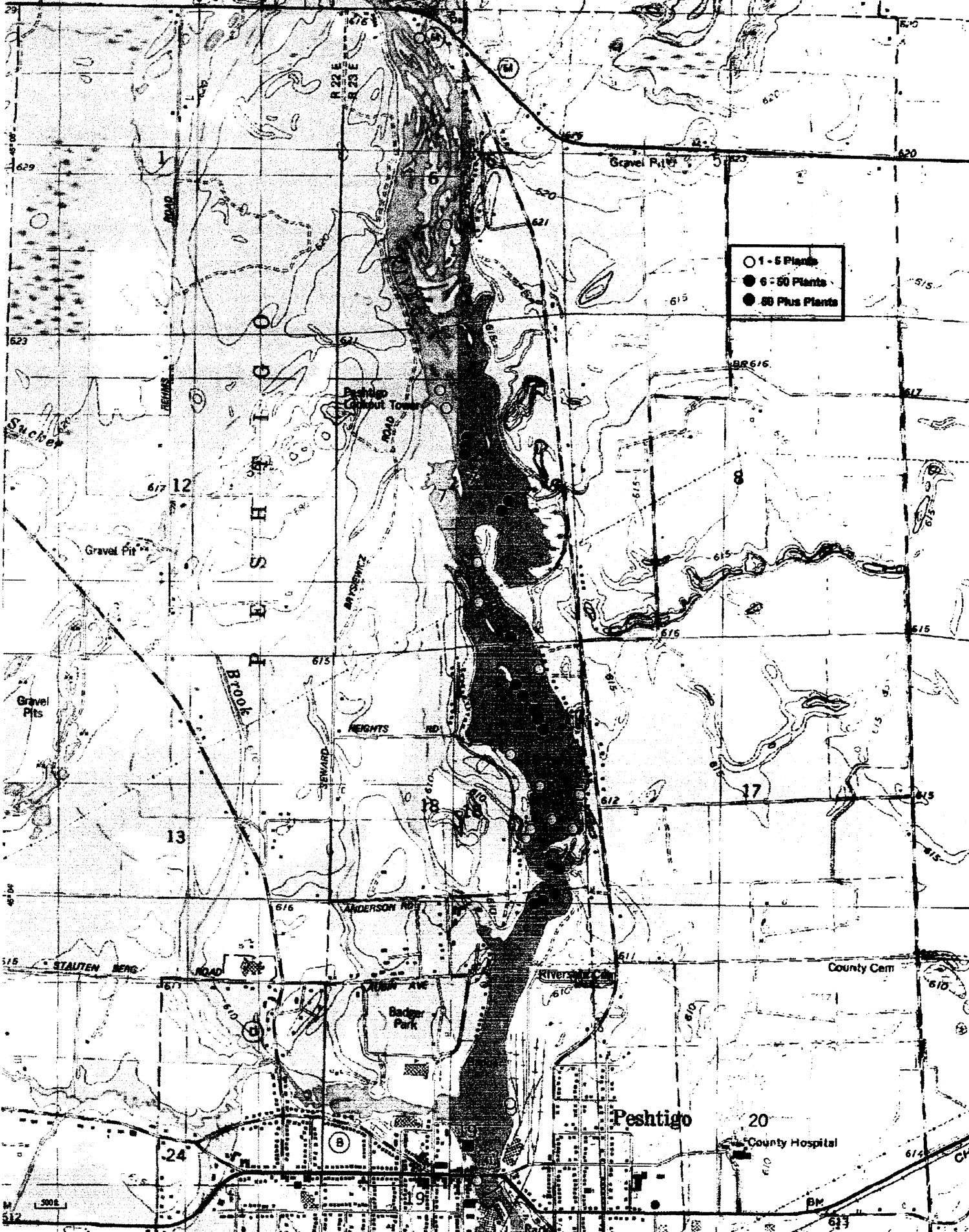
PURPLE LOOSESTRIFE SURVEYS - 2006

Purple Loosestrife Survey - 2006

Peshtigo

Number	Latitude	Longitude	Amount
1	45 3.44274	87 44.77698	1-5 Plants
2	45 3.46158	87 44.77974	1-5 Plants
3	45 4.20408	87 44.55492	1-5 Plants
4	45 4.29450	87 44.53170	1-5 Plants
5	45 4.62576	87 44.68782	1-5 Plants
6	45 4.90962	87 44.92686	1-5 Plants
7	45 5.80494	87 45.06030	1-5 Plants
8	45 6.30558	87 45.16980	1-5 Plants
9	45 5.31984	87 45.05070	1-5 Plants
10	45 5.36816	87 45.07512	1-5 Plants
11	45 4.80300	87 44.91834	1-5 Plants
12	45 4.39758	87 44.79276	1-5 Plants
13	45 4.31688	87 44.68056	1-5 Plants
14	45 4.22718	87 44.63586	1-5 Plants
15	45 4.20048	87 44.71212	1-5 Plants
16	45 4.17540	87 44.73252	1-5 Plants
17	45 3.25944	87 44.90286	1-5 Plants
18	45 3.25224	87 44.90256	1-5 Plants
19	45 4.71096	87 44.79642	6-50 Plants
20	45 4.00494	87 44.66562	6-50 Plants
21	45 3.99714	87 44.66676	6-50 Plants
22	45 4.08296	87 44.60454	50+ Plants
23	45 4.10334	87 44.63976	50+ Plants
24	45 5.04798	87 44.83668	50+ Plants
25	45 5.07330	87 44.80896	50+ Plants
26	45 5.24082	87 44.97090	50+ Plants
27	45 5.21886	87 44.97570	50+ Plants
28	45 5.19654	87 44.97900	50+ Plants
29	45 4.58406	87 44.77530	50+ Plants
30	45 4.55376	87 44.74908	50+ Plants
31	45 4.51668	87 44.70444	50+ Plants
32	45 4.49424	87 44.69064	50+ Plants
33	45 4.46550	87 44.67066	50+ Plants
34	45 4.02630	87 44.62098	50+ Plants

Peshigo Purple Loosestrife 2006



APPENDIX B

ZEBRA MUSSEL SURVEYS - 2006

ATTACHMENT A

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

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

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-26-06
 COMMENTS/RESULTS: O.K. N.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-16-06
 COMMENTS/RESULTS: O.K. N.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-18-06
 COMMENTS/RESULTS: OK J.P.W.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-21-06
 COMMENTS/RESULTS: OK flu

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 9-25-06
 COMMENTS/RESULTS: O.K. N.N.

ATTACHMENT A

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

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

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-22-06
 COMMENTS/RESULTS: OK M.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-17-06
 COMMENTS/RESULTS: O.K. M.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-17-06
 COMMENTS/RESULTS: OK
SPW, MN

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-21-06
 COMMENTS/RESULTS: OK
SPW

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 9-25-06
 COMMENTS/RESULTS: O.K. M.N.

ATTACHMENT A

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

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

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 5-25-06
 COMMENTS/RESULTS: O.K. M.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 6-16-06
 COMMENTS/RESULTS: O.K. M.N.

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 7-17-06
 COMMENTS/RESULTS: O.K.
SRW, MN

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 8-21-06
 COMMENTS/RESULTS: O.K.
JRW

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
 DATE: 9-25-06
 COMMENTS/RESULTS: O.K. M.N.

ATTACHMENT A

ZEBRA MUSSEL INSPECTION RESULTS
PESHTIGO RIVER HYDROELECTRIC PROJECTS

HYDRO NAME

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

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 4-7-06
COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 5-1-06
COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 6-1-06
COMMENTS/RESULTS: No Zebra Mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 7-5-06
COMMENTS/RESULTS: No zebra mussels found

INSPECTION TYPE: MONTHLY INSPECTION INSPECTION DURING DRAWDOWN
DATE: 8-1-06
COMMENTS/RESULTS: No zebra mussels found

RRF4F00000

WPSC

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>9-4-6</u>	
COMMENTS/RESULTS: <u>No zebra mussels found</u>	

JUN-21-00 SAT 10:29 10:

TEL 110:

11006 F04

**ZEDRA MUSSEL INSPECTION RESULTS
PESHIGO RIVER HYDROELECTRIC PROJECTS**

ATTACHMENT A

HYDRO NAME

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

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>4-7-06</u>	
COMMENTS/RESULTS: <u>NO Zebra Mussels</u>	

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>5-22-06</u>	
COMMENTS/RESULTS: <u>NO Zebra Mussels</u>	

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>6/20/06</u>	
COMMENTS/RESULTS: <u>No Zebra mussels</u>	

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>7-6-06</u>	
COMMENTS/RESULTS: <u>No Zebra mussels</u>	

INSPECTION TYPE: <input checked="" type="checkbox"/> MONTHLY INSPECTION	<input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>8-5-06</u>	
COMMENTS/RESULTS: <u>No Zebra Mussels</u>	

J44-21-00 SAT 10:29 10: TEL 110: H006 P04

ATTACHMENT A

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

HYDRO NAME

- | | | |
|---|---|---|
| <input type="checkbox"/> Calderon 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: <input checked="" type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: <u>9-5-06</u>
COMMENTS/RESULTS: <u>No Zebra Mussels</u>

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS: _____

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS: _____

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS: _____

INSPECTION TYPE: <input type="checkbox"/> MONTHLY INSPECTION <input type="checkbox"/> INSPECTION DURING DRAWDOWN
DATE: _____
COMMENTS/RESULTS: _____

APPENDIX C

DOCUMENTATION OF SUBMITTAL - 2006



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

September 27, 2006

Ms. Louise Clemency
U.S. Fish & Wildlife Service
Department of the Interior
2661 Scott Tower Drive
New Franken, WI 54229-9565

Dear Ms. Clemency:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the updated Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on March 29, 2006, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for purple loosestrife and zebra mussels.

All of the above mentioned projects were surveyed for purple loosestrife from July 25, 2006 to July 27, 2006. As in previous surveys, the presence of purple loosestrife was only identified at the Peshtigo Project. A figure indicating the location and colony size is located in Appendix A.

Monthly inspections of substrate samplers for the presence of zebra mussels were conducted for all six projects for the months of May through September. Zebra mussels were not found at any of the six projects during any of the monthly 2005 inspections. A summary of the results has been included in Appendix B.

Eurasian watermilfoil surveys are to be conducted on a tri-annual basis with the next surveys scheduled for 2008.

If you have any questions, please do not hesitate to call me at (920) 433-1460.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Nuthals", written over a horizontal line.

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

syx

Enc.

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

September 27, 2006

Mr. Robert Martini
Wisconsin Department of Natural Resources
107 Sutliff Ave.
Rhineland, WI 54501

Dear Mr. Martini:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the updated Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on March 29, 2006, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for purple loosestrife and zebra mussels.

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Sincerely,

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

syx

Enc.

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

September 27, 2006

Mr. Phil Moy
University of Wisconsin - Manitowoc
705 Viebann Street
Manitowoc, WI 54220

Dear Mr. Moy:

FERC Project No. 2525, No. 2595, No. 2522, No. 2546, No. 2560, and No. 2581

As per the order approving the updated Comprehensive Land and Wildlife Management Plan for the Caldron Falls Project (FERC Project No. 2525), High Falls Project (FERC Project 2595), Johnson Falls Project (FERC Project 2522), Sandstone Rapids Project (FERC Project No. 2546), Potato Rapids Project (FERC Project No. 2560) and the Peshtigo Project (FERC Project No. 2581) issued on March 29, 2006, Wisconsin Public Service Corporation (WPSC) is submitting the survey results for purple loosestrife and zebra mussels.

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Sincerely,

A handwritten signature in black ink, appearing to read "J. Nuthals", written over a white background.

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

syx

Enc.

cc: Ms. Joan Johaneck, WPSC