



Upper Peninsula Power Company

(a subsidiary of Integrys Energy Group)
700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001

September 17, 2009

Ms. Kimberly D. Bose, Secretary
The Federal Energy Regulatory Commission
888 First Street NE
Washington, DC 20426

Dear Secretary Bose:

Eurasian Water Milfoil Surveys for the
Cataract Hydroelectric Project (FERC #10854) and the Au Train Hydroelectric Project (FERC #10856)

As per the Federal Energy Regulatory Commission (FERC) Order Modifying and Amending Noxious Plant Monitoring Plan for the Au Train and Cataract Hydroelectric Projects issued November 17, 1999, Upper Peninsula Power Company (UPPCO) is to complete Eurasian water milfoil (EWM) surveys every third year beginning in the year 2000. The results of the survey shall be provided to the Michigan Department of Natural Resources (MDNR) and FERC within 30 days of completing the survey.

The EWM survey for the Au Train Hydroelectric Project was completed on August 26, 2009. The EWM survey for the Cataract Hydroelectric Project was completed on August 19, 2009.

EWM was not identified at either of the hydroelectric projects during the transect surveys or visual inspection of the reservoirs. A figure of the transect locations and survey form for each project is provided in Appendix A.

UPPCO did not receive comment from the MDNR or FWS concerning the previous EWM surveys completed in 2006.

UPPCO will be following the FERC Order Modifying and Amending the Noxious Plant Monitoring Plan issued November 17, 1999 for the Cataract and Au Train Hydroelectric Project during EWM surveys in subsequent years.

The next EWM survey is scheduled to be completed the summer of 2012.

Should you have any questions relative to this material, please do not hesitate to contact Jamie Nuthals at (920) 433-1460.

Sincerely,

A handwritten signature in black ink that reads "T. Jensky".

Terry P. Jensky
Vice President - Energy Supply Operations
for Wisconsin Public Service Corporation
Telephone: (920) 433-2900

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Enc.

cc: Ms. Carlisa Linton, FERC D.C.
Ms. Jessica Mistak, MDNR
Ms. Christie Deloria-Sheffield, FWS
Mr. Shawn Puzen, WPS - D2

Mr. Gil Snyder, WPS - D2
Ms. Joan Johaneck, WPS - D2
Mr. Howard Giesler, WPS - PUL

APPENDIX A

2009 EURASIAN WATER MILFOIL SURVEY RESULTS

Eurasian Milfoil Surveys

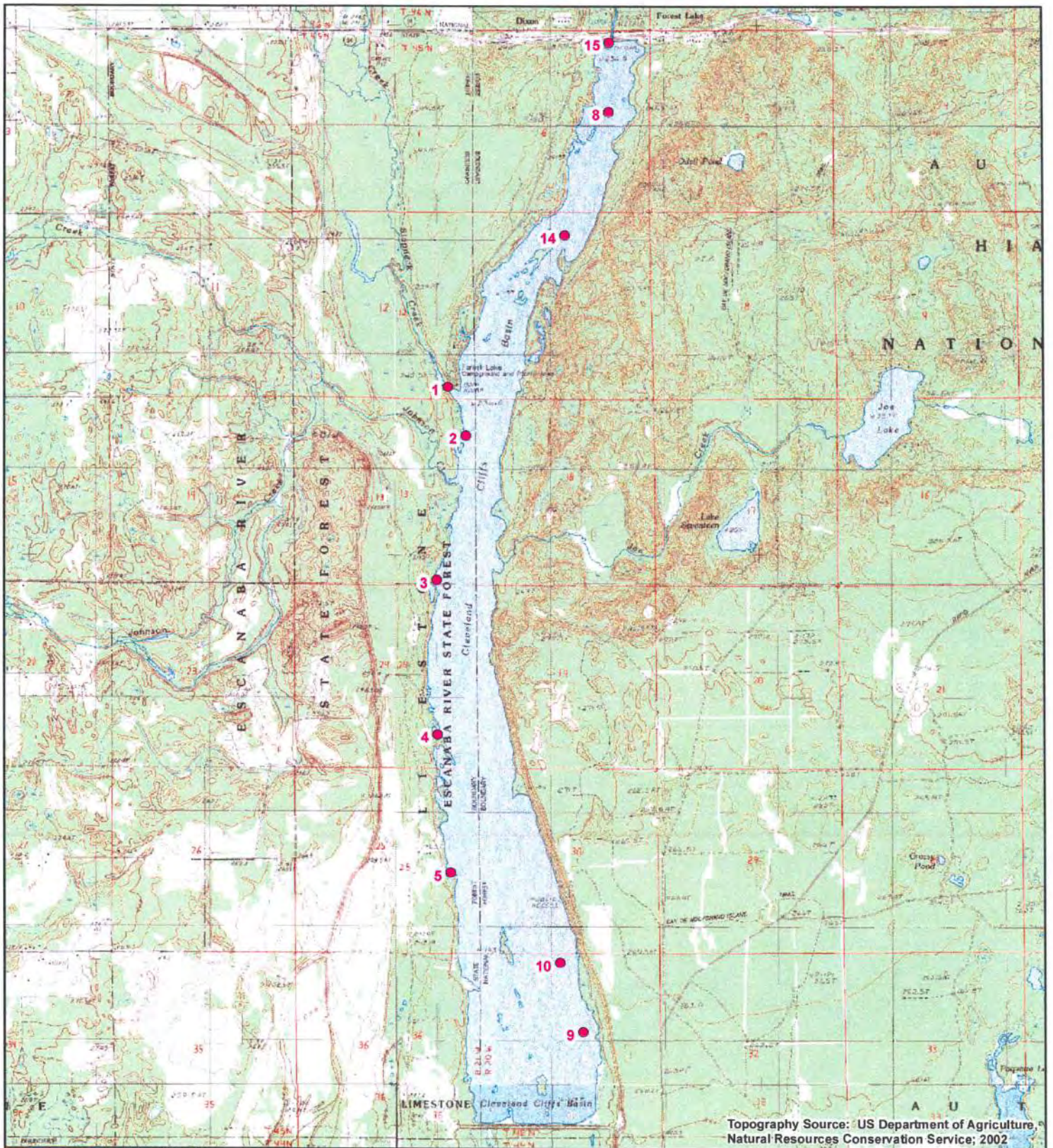
AuTrain - 2009

| Transect # | 0 - 0.5 M | 0.5 - 1.5 M | 1.5 - 3.0 M | > 3.0 M | Origin |
|------------|-----------|-------------|-------------|---------|------------|
| 1A | 0 | 0 | 0 | N/A | 46 18 17.8 |
| 1B | 0 | 0 | 0 | N/A | 86 52 08.7 |
| 1C | 0 | 0 | 0 | N/A | |
| 2A | 0 | 0 | N/A | N/A | 46 18 04 |
| 2B | 0 | 0 | N/A | N/A | 86 52 01.3 |
| 2C | 0 | 0 | N/A | N/A | |
| 3A | 0 | 0 | 0 | N/A | 46 17 23.0 |
| 3B | 0 | 0 | 0 | N/A | 86 52 13.5 |
| 3C | 0 | 0 | 0 | N/A | |
| 4A | 0 | 0 | N/A | N/A | 46 16 39.3 |
| 4B | 0 | 0 | N/A | N/A | 86 52 13.2 |
| 4C | 0 | 0 | N/A | N/A | |
| 5A | 0 | 0 | N/A | N/A | 46 16 00.0 |
| 5B | 0 | 0 | N/A | N/A | 86 52 08.0 |
| 5C | 0 | 0 | N/A | N/A | |
| 6A | | | | | 46 15 10.6 |
| 6B | | | | | 86 51 55.4 |
| 6C | | | | | |
| 7A | | | | | 46 14 55.9 |
| 7B | | | | | 86 51 36.1 |
| 7C | | | | | |
| 8A | 0 | 0 | N/A | N/A | 46 19 35.5 |
| 8B | 0 | 0 | N/A | N/A | 86 51 02.0 |
| 8C | 0 | 0 | N/A | N/A | |
| 9A | 0 | 0 | N/A | N/A | 46 15 14.9 |
| 9B | 0 | 0 | N/A | N/A | 86 51 13.9 |
| 9C | 0 | 0 | N/A | N/A | |
| 10A | 0 | 0 | N/A | N/A | 46 15 34.5 |
| 10B | 0 | 0 | N/A | N/A | 86 51 23.1 |
| 10C | 0 | 0 | N/A | N/A | |
| 11A | | | | | 46 16 22.3 |
| 11B | | | | | 86 51 37.8 |
| 11C | | | | | |
| 12A | | | | | 46 17 26.4 |
| 12B | | | | | 86 51 48.4 |
| 12C | | | | | |
| 13A | | | | | 46 18 19.9 |
| 13B | | | | | 86 51 40.2 |
| 13C | | | | | |
| 14A | 0 | 0 | 0 | N/A | 46 19 00.5 |
| 14B | 0 | 0 | 0 | N/A | 86 51 20.3 |
| 14C | 0 | 0 | 0 | N/A | |
| 15A | 0 | 0 | 0 | N/A | 46 19 55.2 |
| 15B | 0 | 0 | 0 | N/A | 86 51 01.8 |
| 15C | 0 | 0 | 0 | N/A | |

N/A: Not Applicable

Abundance Scale: 0 = None, 1 = Low, 2 = Medium, 3 = High

Note: All transects are 40 feet in length and proceed in an easterly direction from their origin.



2009 Eurasian Water Milfoil Survey AuTrain Hydroelectric Project



0 2,000 4,000 Feet

Legend

- Eurasian Water Milfoil

| |
|--|
| Eurasian Milfoil Survey - August 19, 2009 |
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|-----------------|
| Cataract |
|-----------------|

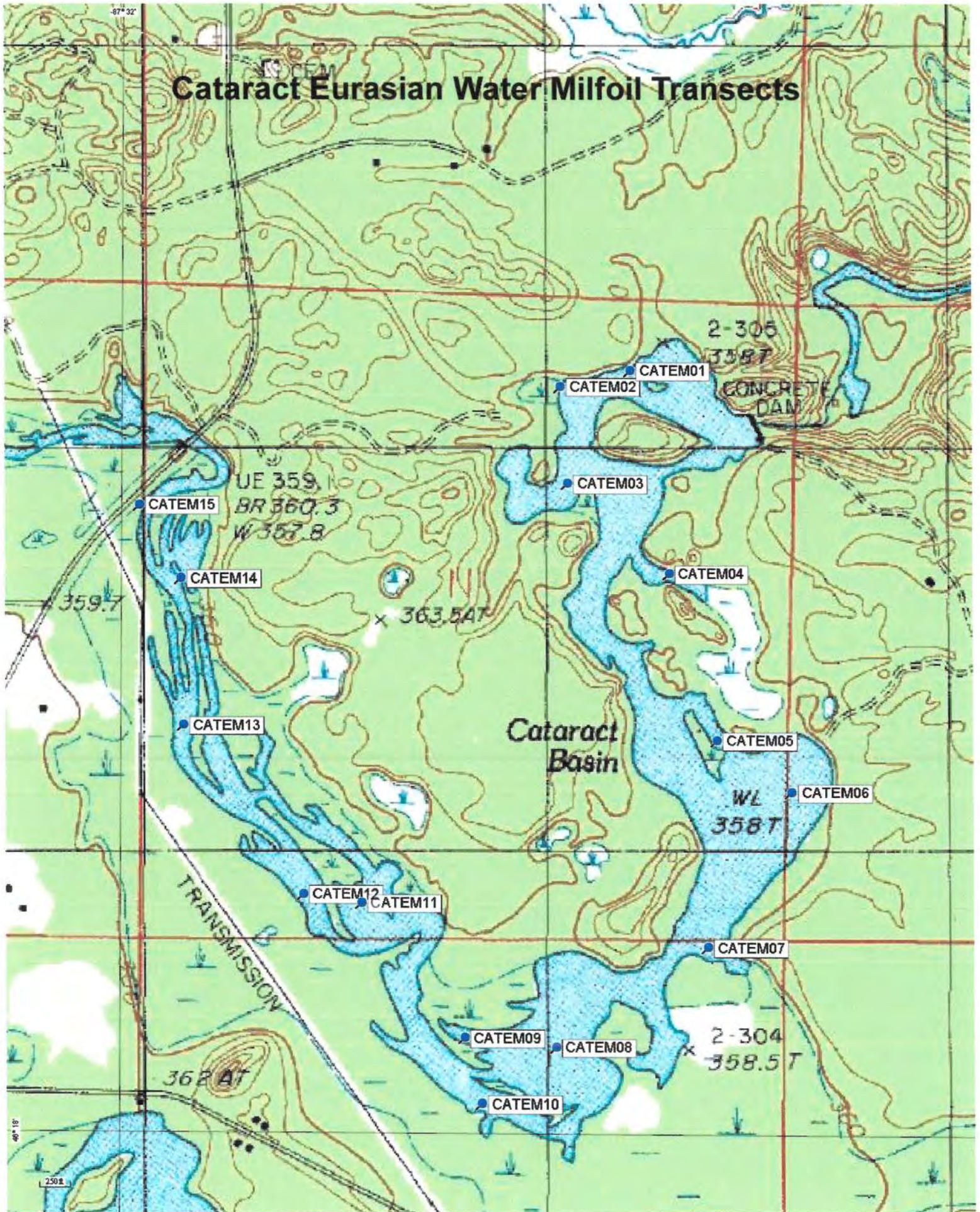
| Transect # | 0 - 0.5 M | 0.5 - 1.5 M | 1.5 - 3.0 M | > 3.0 M | Origin | Perimeter |
|------------|-----------|-------------|-------------|---------|-----------|-----------|
| 1A | 0 | NA | NA | NA | 46 19.022 | |
| 1B | 0 | NA | NA | NA | 87 31.022 | |
| 1C | 0 | 0 | NA | NA | | |
| 2A | 0 | 0 | NA | NA | 46 19.000 | |
| 2B | 0 | 0 | NA | NA | 87 31.157 | |
| 2C | 0 | 0 | NA | NA | | |
| 3A | 0 | 0 | NA | NA | 46 18.870 | |
| 3B | 0 | NA | NA | NA | 87 31.142 | |
| 3C | 0 | NA | NA | NA | | |
| 4A | 0 | 0 | NA | NA | 46 18.750 | |
| 4B | 0 | 0 | NA | NA | 87 30.945 | |
| 4C | 0 | 0 | NA | NA | | |
| 5A | 0 | 0 | NA | NA | 46 18.527 | |
| 5B | 0 | 0 | NA | NA | 87 30.850 | |
| 5C | 0 | 0 | NA | NA | | |
| 6A | 0 | 0 | NA | NA | 46 18.458 | |
| 6B | 0 | 0 | NA | NA | 87 30.705 | |
| 6C | 0 | 0 | 0 | NA | | |
| 7A | 0 | 0 | NA | NA | 46 18.250 | |
| 7B | 0 | 0 | NA | NA | 87 30.867 | |
| 7C | 0 | 0 | NA | NA | | |
| 8A | 0 | 0 | NA | NA | 46 18.115 | |
| 8B | 0 | 0 | NA | NA | 87 31.160 | |
| 8C | 0 | 0 | NA | NA | | |
| 9A | 0 | 0 | NA | NA | 46 18.127 | |
| 9B | 0 | 0 | NA | NA | 87 31.337 | |
| 9C | 0 | 0 | NA | NA | | |
| 10A | 0 | NA | NA | NA | 46 18.038 | |
| 10B | 0 | NA | NA | NA | 87 31.302 | |
| 10C | 0 | 0 | NA | NA | | |
| 11A | 0 | 0 | NA | NA | 46 18.307 | |
| 11B | 0 | 0 | NA | NA | 87 31.537 | |
| 11C | 0 | 0 | NA | NA | | |
| 12A | 0 | 0 | NA | NA | 46 18.318 | |
| 12B | 0 | 0 | NA | NA | 87 31.650 | |
| 12C | 0 | 0 | NA | NA | | |
| 13A | 0 | 0 | NA | NA | 46 18.543 | |
| 13B | 0 | 0 | NA | NA | 87 31.882 | |
| 13C | 0 | 0 | NA | NA | | |
| 14A | 0 | NA | NA | NA | 46 18.740 | |
| 14B | 0 | NA | NA | NA | 87 31.888 | |
| 14C | 0 | 0 | NA | NA | | |
| 15A | 0 | 0 | NA | NA | 46 18.838 | |
| 15B | 0 | 0 | NA | NA | 87 31.970 | |
| 15C | 0 | 0 | 0 | NA | | |

N/A: Not Applicable

Abundance Scale: 0 = Absent, A = Found, B = Sparse, C = Moderate, D = Dense

Note: All transects are 40 feet in length and proceed away from shore in a direction perpendicular to the shoreline

Cataract Eurasian Water Milfoil Transects



Document Content(s)

20090917 EWM Survey Cataract-Autrain.PDF.....1-2

2009EWMresultsAppendixA.PDF.....3-6