



**Long Lake of Phelps Lake District
Phelps, WI 54554**

December 23, 2019

TO: Ms. Laura MacFarland
Environmental Grants Specialist
WDNR
107 Sutliff Avenue
Rhinelander, WI 54501

RE: Project No. ACEI-132-13 Long Lake AIS Control & Prevention Grant

Laura,

Attached is the 2019 Fourth Quarter and Final Grant Payment Request Forms and the required supporting documentation. This reimbursement request reflects the expenses to the 2019 Mechanical Harvesting of EWM.

During the years of this AIS Control and Prevention Grant the following was accomplished:

- Successful reduction of EWM through Chemical and Mechanical Harvesting as documented in the previous annual reimbursement requests and reports.
- Over 1250 hours of inspections of boats entering and leaving the lake.
- Volunteer monitoring of the lake for EWM and water quality.
- Annual education presentations focusing on lake environmental topics were conducted with the district's riparian owners.
- Updated and received WDNR approval of the Long Lake Aquatic Plant Management Plan.

Sincerely,

Daniel R. Anderson

Daniel R. Anderson
Long Lake of Phelps Lake District
715-545-1100
Klotilde1@frontiernet.net
Attachments:

Notice: Project Sponsors are required to provide information requested on this form when applying for payment of a grant funded by the Department. See Reporting Requirements on reverse. The Department will not process your payment request unless you provide all information requested. This information will be used to determine the amount of your payment and issue your check. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.].

Submit one copy of this request form, your completed Grant Payment Worksheet (Form 8700-002), and required documentation, listed on reverse, to your DNR Grant Specialist. See the DNR web site for additional information: <http://dnr.wi.gov/Aid>

Project Sponsor Information	
Project Sponsor / Management Unit Name Long Lake of Phelps Lake District	Grant Number ACEI-132-13
Project Name Long Lake AIS Control & Prevention Project 2013-2017	County Vilas
The DNR will mail the check to the name identified on the application as "Check Recipient." Questions? Contact DNR Grant Specialist.	Type of Request: <input type="radio"/> Partial <input checked="" type="radio"/> Final

Payment Information (see reverse for instructions)

A. Payment Record to Date	Amount	This Column for DNR Use Only
1. Amount of Grant (from original or amended Grant Agreement)	91,796.65	
2.a. Advance Payment Received, if any	0.00	
2.b. Total Payments Received after Advance Payment, if any	77,810.16	
2.c. Total Payments Received to Date (Lines 2.a. + 2.b.)	77,810.16	
3. Funds Remaining (Line 1 minus Line 2.c.)	13,986.49	

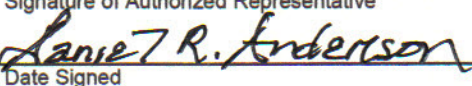
B. Cost Share Amount	Amount	This Column for DNR Use Only
4. Total Eligible Project Costs this Period. Transfer data from "Total Project Costs" field on Worksheet (Form 8700-002)	\$ 39,300.00	
5. Your Share of Costs. See Line 5 instructions on reverse.	\$ 19,650.00	
6. State Share of Costs (Line 4 minus Line 5) NOTE: This line cannot exceed the amount in Line 1.	\$ 19,650.00	

C. This Payment Request and Grant Balance Remaining	Amount	This Column for DNR Use Only
7. Amount of Advance Payment Received (from Line 2a) (if no advance payment received or already accounted for, enter \$0)	\$ 0.00	
8. Amount Eligible this Claim (Line 6 minus Line 7) NOTE: This line cannot exceed the amount in Line 3.	\$ 13,986.49	Amount approved this claim →
9. Grant Balance Remaining (Line 3 minus Line 8)	\$ 0.00	

Lake & River Grants Only: Does project include State Lab of Hygiene Sample Analysis? Yes No

Certification

I certify that, to the best of my knowledge and belief, the eligible costs requested are in accordance with the terms of the grant agreement and that all expenditures are based on actual payments of record. This reimbursement represents the grant share due that has not been previously requested.

Name of Authorized Representative - type or print Daniel R. Anderson	(Area Code) Telephone Number (715) 545-1100
Signature of Authorized Representative 	(Area Code) FAX Number (715) 545-2411
Date Signed 12/23/2019	Email Address klotilde1@frontiernet.net

Space Below this Line for DNR Use Only	Reimbursement Approval Date
Grant Specialist Signature	

INSTRUCTIONS

Line 1: Amount of Grant (from original or amended Grant Agreement). Enter amount on the first page of your grant agreement, often called "State Aid Amount" or "Total Project Funds Awarded."

Line 2. A: Advance Payment Received, if any. Some grant programs allow project sponsors to request up-front grant funds (advances) at the beginning of the grant period, even before expenses are incurred. If you had no advanced payment, enter \$0 on line 2.A. If you received an advance, this amount is generally on the signature page of your grant agreement.

Line 2. B.: Total Payments Received after Advance Payment, if any. Some grant programs allow partial payments after the advance payment was received. If you have received partial payments, enter the total amount of all payments after the Advance Payment on line 2.B.

Line 2. C.: Total Payments Received to Date. Enter the total amount of lines 2. A. + 2. B.

Line 3. Funds Remaining. This amount is the balance of your grant award after subtracting all payments made before the date of this request.

Line 4. Total Eligible Project Costs this Period. Transfer amount from "Total Project Cost" field on Grant Payment Worksheet, Form 8700-002. This is the total of all eligible expenses claimed for this payment request.

Line 5. Your Share of Costs. This is the portion of eligible costs that are your responsibility. See your grant agreement. If your grant agreement shows "Fund Support" as a percentage instead of a \$ amount, complete steps 1 and 2 below:

Step 1:	100 %	-	"Fund Support" % from Grant Agreement	=	Your Share %
			50 %		50 %
Step 2:	"Total Project Costs" amount	x	"Your Share %" from Step 1	=	Step 2 Total
	\$ 39,300.00		50 %		\$ 19,650.00

Enter "Step 2 Total" in Line 5 on front. Questions? Contact your grant specialist.

Line 6. State Share of Costs. This is the portion of eligible costs that are the State's responsibility (Line 4 minus Line 5). This amount cannot exceed the grant balance remaining, as shown on Line 3, or the amount of money expended by the grant sponsor.

Line 7. Amount of Advance Payment Received. Some grant programs allow project sponsors to request up-front funds (advances) at the beginning of the grant period. The amount of your advanced payment needs to be supported with eligible expenses. Also list those expenses on your worksheet (Form 8700-002). If you did not receive an advance payment enter \$0 in this area. If your advanced payment has already been accounted for in a previous payment request, enter \$0 in this area. Do not list partial payments on Line 7.

Line 8. Amount Eligible This Claim. Enter the amount you are requesting for this payment request. Do not include eligible expenses reimbursed through prior partial payments on this claim. On line 8, show the amount you calculate to be your payment on this claim. DNR staff will audit reimbursement claims before payment is sent.

Line 9. Grant Balance Remaining. This is the amount of grant funds available to you for future partial payments. If your claim is a final reimbursement request, any balance appearing on Line 9 is not available for your use in the future.

Lake & River Grants Only. Account for State Lab of Hygiene (SLOH) sample analysis. The amount of money available under your grant will be reduced by the amount of payments to SLOH.

Certification: This payment request cannot be processed unless this form is signed by the authorized representative named in your resolution.

Questions? Contact your grant specialist at the DNR. That person is identified in the cover letter of your grant agreement.

REPORTING REQUIREMENTS

Under authorities cited, use of this form is authorized for the following grants.

- All-Terrain Vehicles: s. 23.33, Wis. Stats., and ch. NR 64, Wis. Adm. Code
- Clean Vessel: Sec. 5604 of the federal Clean Vessel Act of 1992
- County Conservation Aids: s. 23.09 (12), Wis. Stats., and ch. NR 50.14, Wis. Adm. Code
- Lake Planning: s. 281.68, Wis. Stats., and ch. NR 190, Wis. Adm. Code
- Lake Protection: ss. 281.69 and 281.71, Wis. Stats., and ch. NR 191, Wis. Adm. Code
- Land and Water Conservation Fund-Land Acquisition & Development: Act of 1965, Public Law 88-578, and ch. NR 50, Wis. Adm. Code
- Landowner Incentive Program: ch. 58, subch. III, Wis. Adm. Code
- Recreational Boating Facilities: s. 30.92, Wis. Stats., and ch. NR 7, Wis. Adm. Code
- Recreational Trails: federal 1998 Transportation Equity Act for the 21st Century
- River Planning: ss. 281.70 and 281.71, Wis. Stats., and ch. NR 195, Wis. Adm. Code
- River Protection: ss. 281.70 and 281.71, Wis. Stats., and ch. NR 195, Wis. Adm. Code
- Sports Fish Restoration: Federal Aid in Sport Fish Restoration Act
- Stewardship (NCOs) - Land Acquisition & Development: ss. 23.096 and 23.098, Wis. Stats., and ch. NR 51, Wis. Adm. Code
- Stewardship (Local Units of Government) - Acquisition & Development: s. 23.09, Wis. Stats., and ch. NR 51, Wis. Adm. Code.
- Urban Wildlife Damage/Abatement Control (UWDAC) Program: ss. 20.370(5)(fr) and 29.887, Wis. Stats. and NR 50.23 Wis. Adm. Code.

REQUIRED DOCUMENTATION

Include one copy of the following attachments (* if applicable) and other documentation required by your grant program.

ACQUISITION:

1. Grant Payment Worksheet, Form 8700-002.
2. Copy of deed.
3. Copy of title insurance policy.
4. Closing statement/canceled check(s).
5. Offer to purchase.
6. Just compensation.
7. Statement of relocation payments.
- 8.* WI Department of Commerce relocation statement.
- 9.* Statement of program revenue; i.e., sale of buildings, etc.

DEVELOPMENT:

1. Grant Payment Worksheet, Form 8700-002.
2. Copy of invoices, vouchers and canceled checks.
- 3.* Copy of bid specifications, certified bid tabulations, accepted bid proposal(s), contracts and change orders.
- 4.* Force account labor/equipment records.
- 5.* Donation labor/equipment records.
- 6.* Copy of affidavit of publication or bid notice.

MAINTENANCE:

1. Grant Payment Worksheet, Form 8700-002.
2. Copy of vendors invoices, vouchers and canceled checks.
- 3.* Copy of bid specifications, certified bid tabulations, accepted bid proposal(s), contracts and change orders.



INVOICE

Aquatic Plant Management LLC
PO Box 1134
Minocqua, Wisconsin 54548
United States

715-483-3269
www.aquaticplantmanagement.com

BILL TO
Long Lake of Phelps Lake District
Joan Carrter
P.O. BOX 202
Phelps, Wisconsin 54554
United States

715-891-4848
dr.joan.carter@gmail.com

Invoice Number: 3089
Invoice Date: September 24, 2019
Payment Due: October 24, 2019
Amount Due (USD): \$39,300.00

Services	Quantity	Price	Amount
DASH Day 8 hours of DASH operation on the water	15	\$2,600.00	\$39,000.00
DASH Permit Application Fee Reimbursement Reimbursement of fee paid on client's behalf when applying for DASH permit from WDNR (\$30 per acre)	10	\$30.00	\$300.00
Total:			\$39,300.00
Amount Due (USD):			\$39,300.00

If you have any questions on this invoice, please contact Christian Wahman at 952-412-1340



(http://www.oregoncommunitybank.com/)

Check Image

R&T	075912275
Trace No.	0000000000146595
Item No.	1008
Posted Date	10/23/2019
Amount	39300.00

LONG LAKE OF PHELPS LAKE DISTRICT
P O BOX 202
PHELPS WI 54554-0202

1008
79-1227/159

10/4/19 Date

Pay to the Order of AQUATIC PLANT MANAGEMENT \$ 39,300.00
thirty nine thousand three hundred ⁰⁰/₁₀₀ Dollars

OREGON COMMUNITY BANK
Oregon, Wisconsin
For INV # 3089

Jean M Carter M

⑆075912275⑆ 146⑈595⑈ 1008

>075900575<Associated Bank <20191022> <002515566156>
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Aquatic Plant



Management LLC

Long Lake EWM Treatment Report

2019

PO Box 1134 Minocqua, WI 54548



Long Lake EWM Treatment Summary 2019

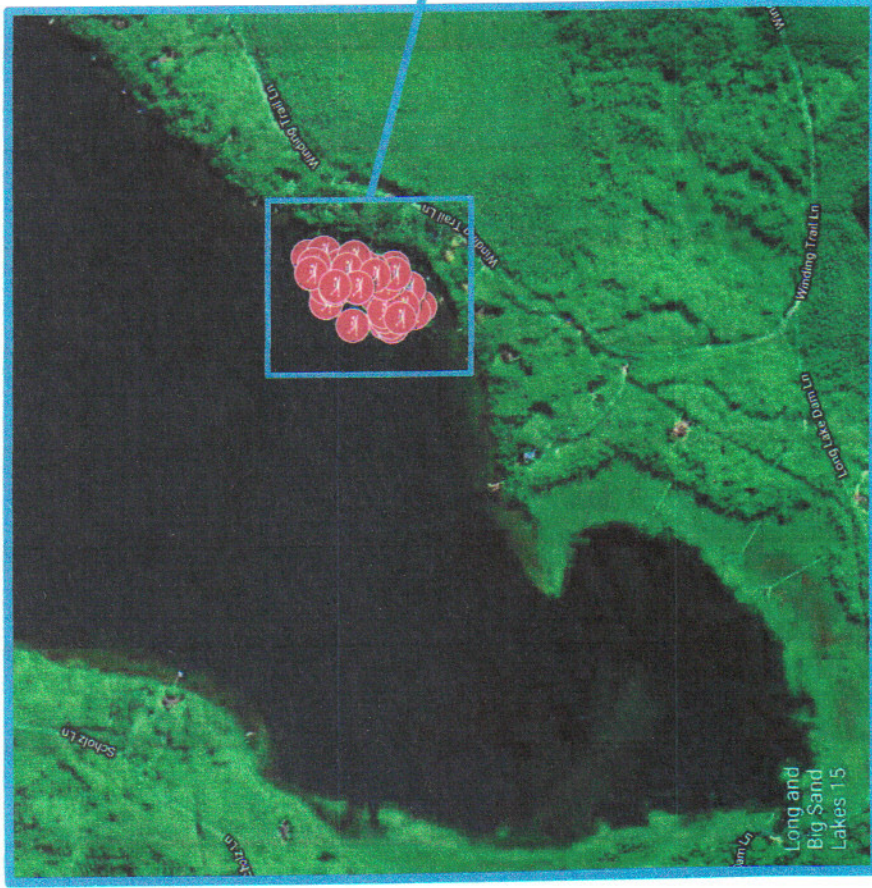
Summary: During the second half of July and the first part of August, Aquatic Plant Management LLC (APM) conducted Diver Assisted Suction Harvesting (DASH) of Eurasian Watermilfoil (EWM) on Long Lake in Vilas County, WI. Utilizing maps and GPS coordinates provided by the Long Lake of Phelps Lake District the team focused the majority of their efforts at sites on the southeastern end of the lake. In total APM was able to remove **782.5 cubic feet of EWM** from Long Lake.

Conditions:

- 7/15/19: Weather was partly cloudy with an air temperature of 74 degrees; water temperature was 76 degrees with a 9.5 foot clarity reading from the Secchi disk
- 7/16/19: Weather was stormy with an air temperature of 77 degrees; water temperature was 74 degrees with a 9.5 foot clarity reading from the Secchi disk
- 7/17/19: Weather was sunny with an air temperature of 78 degrees; water temperature was 75 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/18/19: Weather was cloudy with an air temperature of 77 degrees; water temperature was 75 degrees with a 8.5 foot clarity reading from the Secchi disk
- 7/19/19: Weather was sunny with an air temperature of 79 degrees; water temperature was 75 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/22/19: Weather was partly cloudy with an air temperature of 74 degrees; water temperature was 75 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/23/19: Weather was cloudy with an air temperature of 72 degrees; water temperature was 75 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/24/19: Weather was sunny with an air temperature of 80 degrees; water temperature was 75 degrees with a 8.5 foot clarity reading from the Secchi disk
- 7/25/19: Weather was partly cloudy with an air temperature of 78 degrees; water temperature was 74 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/29/19: Weather was sunny with an air temperature of 75 degrees; water temperature was 75 degrees with a 8.0 foot clarity reading from the Secchi disk
- 7/30/19: Weather was sunny with an air temperature of 82 degrees; water temperature was 75 degrees with a 8.5 foot clarity reading from the Secchi disk
- 8/1/19: Weather was partly cloudy with an air temperature of 78 degrees; water temperature was 75 degrees with a 7.0 foot clarity reading from the Secchi disk
- 8/2/19: Weather was cloudy with an air temperature of 72 degrees; water temperature was 75 degrees with a 7.0 foot clarity reading from the Secchi disk
- 8/12/19: Weather was partly cloudy with an air temperature of 78 degrees; water temperature was 75 degrees with a 7.0 foot clarity reading from the Secchi disk

Recommendations: Due to the extensive EWM population on Long Lake, DASH is effective in targeted areas. Integrated Pest Management (IPM) should be considered as an approach to have better long term effects across the entire lake. Continued monitoring and management efforts are important to prevent the spread of EWM throughout Long Lake.

Map of Long Lake Dive Sites





Aquatic Plant
Management LLC

Detailed Diving Activities

Date	Latitude	Longitude	Time Under-water	AIS CF Removed	AIS Density	Avg Water Depth	Native By-Catch (CF)	Native Species	Native Density	Substrate Type
7/15/19	46.04953	-89.03511	2	26.5	Medium	7	<0.5	Pondweeds	Low	Organic/Sand
7/15/19	46.05020	-89.03537	0.92	10.0	Medium	7	<0.5	Pondweeds	Low	Organic/Sand
7/15/19	46.04955	-89.03511	1.5	11.5	Medium	7	<0.5	Pondweeds	Low	Organic/Sand
7/16/19	46.04944	-89.03508	3.75	28.5	High	10	<0.5	Pondweeds	Low	Organic
7/16/19	46.04999	-89.03463	2.42	22.0	Medium	10.5	0.00	None	Low	Organic
7/17/19	46.04983	-89.03487	1.17	6.0	Medium	7	<0.5	Pondweeds	Medium	Organic
7/17/19	46.04949	-89.03517	2.25	11.0	High	12	0.00	None	Low	Organic
7/17/19	46.04983	-89.03533	1.75	16.0	High	10.5	0.00	None	Low	Organic
7/17/19	46.04995	-89.03487	0.83	11.5	Medium	12	0.00	None	Low	Organic/Sand
7/18/19	46.04975	-89.03539	1.75	18.0	Medium	10.5	<0.5	Pondweeds	Low	Organic/Sand
7/18/19	46.04977	-89.03532	2	25.0	High	10.5	<0.5	Pondweeds	Low	Organic/Sand
7/18/19	46.04982	-89.03524	1.33	19.0	High	10.5	<0.5	Pondweeds	Low	Organic/Sand
7/18/19	46.04984	-89.03516	1	11.5	High	10.5	<0.5	Pondweeds	Low	Organic/Sand
7/19/19	46.04955	-89.03480	2.42	8.5	Medium	7.5	0.00	None	Low	Organic/Sand
7/19/19	46.04955	-89.03480	2.58	17.5	Medium	10.5	0.00	None	Low	Organic/Sand
7/19/19	46.04955	-89.03480	0.5	6.5	Medium	11	0.00	None	Low	Organic/Sand
7/22/19	46.04963	-89.03508	1.17	8.5	Medium	12	0.00	None	Low	Organic
7/22/19	46.04980	-89.03461	3.33	35.5	Medium	7	1.00	Pondweeds	Low	Organic
7/22/19	46.04977	-89.03464	1	13.0	High	7	0.50	Pondweeds	Low	Organic
7/23/19	46.04983	-89.03471	1.58	13.0	Medium	11	0.50	Pondweeds	High	Organic
7/23/19	46.04974	-89.03444	1.75	10.5	Medium	8	0.50	Pondweeds	High	Organic
7/23/19	46.04972	-89.03456	2	21.0	Medium	7.5	<0.5	Pondweeds	High	Organic
Total				350.5						



Detailed Diving Activities

Date	Latitude	Longitude	Time Under-water	AIS CF Removed	AIS Density	Avg Water Depth	Native By-Catch (CF)	Native Species	Native Density	Substrate Type
7/24/19	46.049952	-89.03450	2.25	16.0	High	10	<0.5	Pondweeds	Medium	Organic
7/24/19	46.050066	-89.03443	2.25	22.0	High	12	1.00	Pondweeds	Medium	Organic
7/24/19	46.050101	-89.03446	1	12.0	High	12.5	1.00	Pondweeds	Medium	Organic
7/25/19	46.050198	-89.03440	1.67	16.0	High	9	<0.5	Pondweeds	Medium	Organic
7/25/19	46.050397	-89.03450	0.92	7.0	High	10	<0.5	Pondweeds	Medium	Organic
7/25/19	46.050459	-89.03459	1	12.0	High	10	<0.5	Pondweeds	Medium	Organic
7/25/19	46.050498	-89.03501	1	11.0	High	10	<0.5	Pondweeds	Medium	Organic
7/26/19	46.050432	-89.03440	1.58	19.0	High	11	1.00	Pondweeds	Medium	Organic
7/26/19	46.050707	-89.03425	1.75	11.0	High	11	0.50	Pondweeds	Medium	Organic
7/26/19	46.050519	-89.03419	1.5	20.5	High	12	<0.5	Pondweeds	Medium	Organic
7/29/19	46.050330	-89.03440	2.75	32.0	High	12	0.00	None	Low	Organic
7/29/19	46.050330	-89.03440	3	26.0	Medium	10.5	0.00	None	Low	Organic
7/30/19	46.050276	-89.03471	5	83.5	High	12	0.00	None	Low	Organic
7/30/19	46.050623	-89.03439	0.83	8.5	High	9	0.00	None	Low	Organic
7/31/19	46.050185	-89.03428	2.58	22.0	High	9.5	0.50	Pondweeds	Low	Organic
7/31/19	46.050497	-89.03476	1.25	18.0	High	9.5	0.50	Pondweeds	Low	Organic
7/31/19	46.05066	-89.03454	1.33	20.0	High	9.5	0.50	Pondweeds	Low	Organic
Total				356.5						



Aquatic Plant
Management LLC

Detailed Diving Activities

Date	Latitude	Longitude	Time Under-water	AIS CF Removed	AIS Density	AVG Water Depth	Native By-Catch (CF)	Native Species	Native Density	Substrate Type
8/1/19	46.050250	-89.03447	2.17	8.0	Medium	10	0.00	None	Low	Organic
8/1/19	46.049660	-89.03526	2.83	33.0	High	10	0.00	None	Low	Organic
8/2/19	46.049940	-89.03457	1.67	10.0	Medium	12	<0.5	Pondweeds	Low	Organic/Gravel
8/12/19	46.050388	-89.03480	2	7.0	Medium	10	<0.5	Pondweeds	Low	Organic
8/12/19	46.050388	-89.03480	1.75	7.0	Medium	10	<0.5	Pondweeds	Medium	Organic
8/12/19	46.050137	-89.03476	1.17	5.5	Medium	10	<0.5	Pondweeds	Medium	Organic
8/12/19	46.050388	-89.03474	1.08	5.0	Medium	11	<0.5	Pondweeds	98	Organic
Total				75.5						