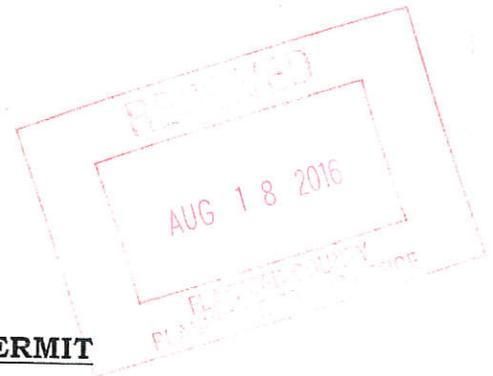


Flathead County

Planning & Zoning

1035 1st Ave W, Kalispell, MT 59901
Telephone 406.751.8200 Fax 406.751.8210



APPLICATION FOR LAKE AND LAKESHORE CONSTRUCTION PERMIT

Submit this application, and appropriate fee to the Planning & Zoning office at the address listed above.

<i>Filing Fee:</i>	Administrative Permit/Renewals: **	
	Base Fee for one activity:	\$270
	Each additional activity:	\$110
	Standard Permit:	
	Base fee for one activity:	\$375
	Each additional activity:	\$110
	Variance - Minor:	\$485
	Variance - Major:	\$1,190

****These activities include:**

1. Single Residential Docks and Gangways
2. Shore Stations & Watercraft Lifts
3. Rip Rap above the high water mark
4. Residential water lines (a DNRC License is required)
5. Decks, Walkways, and Stairways
6. Free-standing pilings adjacent to dock

OWNER/APPLICANT

Owner:	<u>Multiple Owners (see attachment 1)</u>	Applicant:	<u>Aquatic Weed Abatement of Montana</u>
Address:	_____	Address:	<u>315 Meadow Hills Drive</u>
City/State/Zip:	_____	City/State/Zip:	<u>Kalispell, MT 59901-3319</u>
Phone:	_____	Phone:	<u>406-752-1476 / 406-871-3718</u>
Email:	_____	Email:	<u>laneross@centurytel.net</u>

Note: If applicant is not owner, the attached authorization form must be filled out and signed.

CONTRACTOR (or person responsible for doing the work, if other than above)

Name:	<u>Aquatic Weed Abatement of Montana</u>	Address:	<u>315 Meadow Hills Drive</u>
City/State/Zip:	<u>Kalispell, MT 59901-3319</u>	Phone:	<u>406-752-1476 / 406-871-3718</u>
Email:	<u>laneross@centurytel.net</u>		

LOCATION OF THE PROJECT

Lot: 8CDA, 20E, 20EA, BV Section: 36 Township: 27 North Range: 20 West

Street Address: _____

Lake: Flathead How many feet of Lakeshore frontage do you own? approximately 2400

ROAD DIRECTIONS TO REACH SITE: *(Please include a gate code if applicable)*

see attachment 2

EXISTING STRUCTURES ON THE SITE: (Describe and give the dimensions of all structures, i.e., docks, boat ramps, boat shelters, buildings, retaining walls, etc., that exist on the lake or within 20 horizontal feet of the average high water line of the lake.)

see vicinity map

NATURE OF PROPOSED WORK: (Describe in words what you propose to build, demolish, install, dredge, or fill. **Give dimensions, materials and list heavy equipment, if any.**)

Harvest western waterweed with Aquamarine Aquatic Harvester and bring to shore to dispose of cuttings in a landfill

WILL THE USE OF THE PROPERTY BE: (Check one)

Individual Lot Owner

Joint Use (Adjoining Properties)

Commercial

Homeowners Association

Other (specify) **Public Use**

DESCRIBE, IN FULL, ANY ADVERSE ENVIRONMENTAL IMPACTS THAT MAY OCCUR AS A RESULT OF THE PROPOSED ACTIVITY: (e.g., impacts on water quality or fish and wildlife habitat, increased sedimentation, discharge of toxic chemicals)

see attachment 3

WHAT MEASURES WILL BE TAKEN TO REDUCE OR ALLEVIATE ANY ADVERSE IMPACTS LISTED ABOVE?

attachment 3

PROJECT INFORMATION: (Maps and drawings must be attached. See Pages 3 and 4 for directions)

A. Is Vicinity Plan Attached? Yes No

B. Is Site Plan Attached? Yes No

C. Is Project Drawing Attached? Yes No

Adverse Impacts:

1. Mowing the western waterweeds may limit the habitat for aquatic invertebrate, fish and amphibians. It will limit the food supply for some waterfowl who visit the harbor in July and August.

2. Though western waterweeds produce seeds, they propagate more by the distribution of segments of the plant. Since not all the segments caused by mowing are captured and removed, mowing may cause the western waterweed to spread. I am not sure whether this is an adverse impact or not.

Measures to be taken to reduce or alleviate adverse impacts.

1. Since western waterweeds grow rapidly, these impacts upon the habitat and food supply are self-repairing and temporary.

2. Try to leave as few segments from the mowing as possible.

AUG 18 2016

SANITATION INFORMATION: Does the proposed activity involve a structure connected to a private well and/or septic system? Yes No

If yes, the following section is to be completed by the Flathead City/County Environmental Health Office:

Does the proposed development comply with the Flathead County Regulations for Onsite Sewage treatment systems? Yes No N/A

Sanitarian

Date

AFFIDAVIT

I hereby certify and say that to the best of my knowledge and belief, the statements contained in this Application, together with the plan and other data submitted, are a true and complete statement of all proposed work to be done and its effect or probably effects on the lake and lakeshore.



Applicant Signature

8/16/16

Date

Notes:

- a. The signing of this application signifies approval for Flathead County Planning & Zoning staff to be present on the property for routine monitoring and inspection during the approval and development process.
- b. Work will be inspected for conformity with Permit.
- c. Permit expires one (1) year from date of issuance, unless renewed by governing body upon written request of the Applicant.

Updated 12/16/15

North Shore Harbor Association, Inc.

Tract 20EA

P.O. Box 183

Bigfork, MT 59911-0183

406-837-6612

nshasec@gmail.com

AUG 18 2016

Bigfork Shores Landowners Association

Tracts 20EA and 20E

P.O. Box 504

Bigfork, MT 59911-0504

480-313-1913

[tajazmt@cox.net](mailto:tjazmt@cox.net)

Bigfork Marina Association

Tract BW2

P.O. Box 8600

Kalispell, MT 59904-1600

406-752-1040

dherge@js-cpa.com

Montana Department of Transportation

Tract 8CDA

P.O. Box 7308

Kalispell, MT 59904-0308

406-751-2511

drauser@mt.gov

AUG 18 2016

8CEG

8CDAF

8CDAC

8CD

20B

BIGFORK MARINA
BOATSLIPS 1 THRU 36

8CDA

BW2

20EA

SHORES

1

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BIS

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12A

14A

BIU

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19

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21A

22A

23A

20E

AUG 18 2016

Directions from 40 11th Street West, Kalispell, to 108 Parkway Avenue, Bigfork.

1. Head east on 11 Street West toward South Main Street/ US 93 South
2. Turn right at South Main Street on US 93 South and continue for 7.4 miles
3. Turn left onto MT-82 E and continue for 6.8 miles
4. Turn right onto MT-35 E and continue for 2.6 miles
5. Turn right onto Holt Drive and continue for 0.3 miles
6. Turn left onto Beach Road and continue for 0.1 mile
7. Turn left onto Parkway Avenue and continue for 0.2 to 108 Parkway Avenue.

AUG 18 2016

LAKE AND LAKESHORE PERMIT APPLICANT/CONTRACTOR AUTHORIZATION

Landowner: Bigfork Shores Landowners Association

Address: P.O. Box 504

City/State/Zip: Bigfork, MT 59911-0504

Phone: 480-313-1913

Applicant: Aquatic Weed Abatement of Montana

Location of Project: North Shore Harbor, Bigfork

Lake: Flathead

Contractor: Aquatic Weed Abatement of Montana

Address: 315 Meadow Hills Drive

City/State/Zip: Kalispell, MT 59901-3319

Phone: 406-752-1476 / 406-871-3718

I authorize the release and transmittal of the required on-site Lake & Lakeshore Permit and file copy to the above-named applicant/contractor. The original shall be transmitted to the owners address as listed on the Flathead County Lake & Lakeshore Permit.

Jean Cummings
Landowners Signature

8/12/16
Date

AUG 18 2016

LAKE AND LAKESHORE PERMIT APPLICANT/CONTRACTOR AUTHORIZATION

Landowner: North Shore Harbor Association, Inc.

Address: P.O. Box 183

City/State/Zip: Bigfork, MT 59911-0183

Phone: 406-837-6612

Applicant: Aquatic Weed Abatement of Montana

Location of Project: North Shore Harbor, Bigfork

Lake: Flathead

Contractor: Aquatic Weed Abatement of Montana

Address: 315 Meadow Hills Drive

City/State/Zip: Kalispell, MT 59901-3718

Phone: 752-1476 / 871-3718

I authorize the release and transmittal of the required on-site Lake & Lakeshore Permit and file copy to the above-named applicant/contractor. The original shall be transmitted to the owners address as listed on the Flathead County Lake & Lakeshore Permit.



Landowners Signature



Date

AUG 18 2016

LAKE AND LAKESHORE PERMIT APPLICANT/CONTRACTOR AUTHORIZATION

Landowner: Bigfork Marina Association

Address: P.O. Box 8600

City/State/Zip: Kalispell, MT 59904-1600

Phone: 406-752-1040

Applicant: Aquatic Weed Abatement of Montana

Location of Project: North Shore Harbor, Bigfork

Lake: Flathead

Contractor: Aquatic Weed Abatement of Montana

Address: 315 Meadow Hills Drive

City/State/Zip: Kalispell, MT 59901-3718

Phone: 752-1476 / 871-3718

I authorize the release and transmittal of the required on-site Lake & Lakeshore Permit and file copy to the above-named applicant/contractor. The original shall be transmitted to the owners address as listed on the Flathead County Lake & Lakeshore Permit.

Clarence White, President
Landowners Signature, Bigfork Marina Association

8/17/16
Date

AUG 18 2016

Project Drawing:

The mowing will be done by an Aquamarine H4-240 Weed Harvester, a picture of which is attached. The Harvester has a 7' wide cutter bar which can be lowered to a depth of 2.5 feet under the surface.

POLICY CRITERIA FOR ISSUANCE OF A LAKESHORE CONSTRUCTION PERMIT

The following are the criteria by which Lakeshore Construction Permits are reviewed. Please provide a **detailed** response and explanation for each criterion for consideration by the planning staff, planning board and Commissioners. **No and N/A are not defensible responses.** Please use attachments if necessary.

- 1) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization materially diminish water quality.

Harvesting weeds is where the weeds are cut and then brought onto the harvester on a metal conveyor belt. The belt moves the weeds to the rear of the machine where they are kept until machine is full then unloaded onto the trailer the machine arrived on. When the trailer is full weeds will be taken to the land fill behind Glacier Bank in Bigfork MT. There they will dry and die. There is no change to the body of water except that the weeds are cut and removed, much like mowing a lawn. The bottom is not disturbed, if the cutting head touches bottom the machine stops moving forward or damage may be caused to the cutter bar. Since the machine is powered by hydraulic paddle wheels there is little force available to propel it. All hydraulic oil is food grade (vegetable oil basically). I carry spill containment on the machine also.

- 2) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization materially diminish habitat for fish or wildlife.

The operator can see any fish, turtles, crawdads, etc. that come up with the weeds. The process is simply to stop the cutting teeth and reverse the belt putting them back into the body of water then the weeds can be reloaded by reversing direction and then going forward again once the wildlife is away. Habitat is not changed in that the weeds are just cut, not removed from the bed by the roots. All weeds cannot be removed from any area due the machine's limits to being close to shore, docks, structures, and bottom debris (rocks, change in depth, etc.).

- 3) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization interfere with navigation or other lawful recreation.

Operator is aware of boat traffic and waits if the canal gets busy. The people who volunteer their time to load and move the weeds to the landfill are the residents of the canal and make sure that neighbors are allowed to continue recreation and boating access.

- 4) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization create a public nuisance.

Hours that machine operates with a power plant of a 23 HP diesel engine (quieter than a boat motor) are determined by the homeowners association themselves. I never start before 08:00 and end the day by 19:00.

- 5) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization create a visual impact discordant with natural scenic values, as determined by the governing body, where such values form the predominant landscape elements.

Harvesting the weeds is done for improved visual impact and water clarity.

- 6) Please demonstrate, using text, drawings and/or pictures that the proposed action will not, during either its construction or utilization alter the characteristic of the shoreline.

All loading and unloading will be done from an existing paved boat launch. No shoreline changes could happen as the area to be harvested is bordered in concrete sea wall or boat dock.

Applicant signature:



Date:

7/27/16