



GREEN LAKE COUNTY

571 County Road A, Green Lake, WI 54941

Original Post Date: 11/28/2018

Amended* Post Date:

The following documents are included in the packet for the Parks Commission on December 3, 2018:

- 1) Agenda
- 2) Minutes from 10/01/2018
- 3) Boat Washing Stations at Dodge Memorial Park and Sunset Park
- 4) Parks Monthly Activities



GREEN LAKE COUNTY OFFICE OF THE COUNTY CLERK

Elizabeth Otto
County Clerk

Office: 920-294-4005
FAX: 920-294-4009

Parks Commission Meeting Notice

Date: December 3, 2018 Time: 4:30 PM

Location: Government Center, County Board Room, 571 County Road A, Green Lake WI

AGENDA

Committee Members

*Vicki Bernhagen
William Boutwell, Chair
Todd Morris
Vonn Roberts
Michael Shattuck
Jerry Specht, Vice-Chair
Curt Talma*

Elizabeth Otto, Secretary

1. Call to Order
2. Certification of Open Meeting Law
3. Pledge of Allegiance
4. Approval of Minutes: 10/01/2018
5. Overview of Park Commission Duties
6. Update from Green Lake Greenways on Reorganization and Trail Project
7. Appearances:
 - Demonstration of Automated Boat Launch Terminals – Michael Wilson, IPS Group
8. Discussion and Possible Action of Automated Boat Launch Terminals
9. Boat Washing Stations at Dodge Memorial and Sunset Park
10. Bench Donation Approval
11. Parks Report
 - Monthly Activities
12. Committee Discussion
 - Future Meeting Dates: Regular Meeting To Be Determined
 - Future Agenda items for action & discussion
13. Adjourn

Kindly arrange to be present, if unable to do so, please notify our office. Sincerely, Elizabeth Otto, County Clerk

Please note: Meeting area is accessible to the physically disabled. Anyone planning to attend who needs visual or audio assistance, should contact the County Clerk's Office, 294-4005, not later than 3 days before date of the meeting.

PARKS COMMISSION

October 1, 2018

The meeting of the Parks Commission was called to order by County Clerk Liz Otto on Monday, October 1, 2018 at 6:00 PM in the Green Lake County Board Room, Green Lake County Government Center, 571 County Road A, Green Lake, WI. The requirements of the open meeting law were certified as being met. The pledge of allegiance was recited.

Present: Vicki Bernhagen
Bill Boutwell
Todd Morris
Vonn Roberts
Jerry Specht
Curt Talma

Absent: Michael Shattuck

Also Present: Liz Otto, County Clerk
Scott Weir, Maintenance Supervisor

Cathy Schmit, County Administrator

ELECTION OF CHAIR

County Clerk Liz Otto called for nominations for Chair. Jerry Specht nominated Bill Boutwell. No other nominations. Clerk Otto declared Boutwell as Chair of the Parks Commission. The meeting was turned over to Chair Boutwell.

ELECTION OF VICE CHAIR

Chair Boutwell called for nominations for Vice Chair. Todd Morris nominated Jerry Specht. No other nominations. Chair Boutwell declared Specht as Vice Chair of the Parks Commission.

AUTOMATED BOAT LAUNCH TERMINALS

County Board Chair Harley Reabe stated that he has received information and pricing from 3 companies regarding automated boat launch terminals for Dodge Memorial Park and Sunset Park (1 at each park). Terminals would be purchased with the annual boat launch fee proceeds and would allow credit card payments as well as an optional cash option. Lowest estimate was from IPS Group for approximately \$6,500 per unit. Discussion held.

Motion/second (Boutwell/Specht) to have a representative from IPS Group appear at the next meeting to give a presentation on the terminals and to contact the IT department to find out if there would be any issues. All ayes. Motion carried.

DODGE MEMORIAL PARK BOAT LAUNCH ISSUES

County Board Chair Harley Reabe informed the committee that he has received several complaints regarding the depth of the boat launches at Dodge Memorial Park. Parks Supervisor Scott Weir stated that per DNR guidelines only 2 cubic yards can be dug out per launch. Discussion held. No action taken.

PARKS REPORT

- The report was reviewed.

COMMITTEE DISCUSSION

Future Meeting Date: Next meeting date: December 3rd at 4:30 PM

Future Agenda items for action & discussion: commission duties, bench donation approval, automated boat launch terminals, boat washing stations at Dodge Memorial Park and Sunset Park.

ADJOURNMENT

Motion/second (Roberts/Specht) to adjourn the meeting at 6:38 PM.

Submitted by,



Liz Otto

County Clerk

DRAFT

BIG GREEN LAKE BOAT WASHING STATIONS

Prepared for the Green Lake County Parks Commission | December 3, 2018



THE PROPOSAL

Multiple local groups are proposing installing boat washing stations at two public launches in Green Lake County. While the local groups would manage the stations, they would be installed on County property and therefore need approval by the Green Lake County Parks Commission and Green Lake County Board.

WHAT is it? Boat washing stations dispense hot, pressurized water to decontaminate boats and other watercraft of aquatic invasive species (AIS) before they enter Big Green Lake. These types of units are 91% effective at removing small-bodied organisms, like spiny waterflea ¹.

WHY are they needed? It took *one* contaminated boat to transport zebra mussels from *one* infected lake to permanently alter the way we use Big Green Lake. Since 2005, zebra mussels have cut feet, ruined piers, exacerbated weed growth and caused the development of sulfur-smelling filamentous algae on shore.

Yet, there are a host of other AIS Green Lake does *not yet have*. AIS are most commonly transported from infected lakes by improperly cleaned boats and trailers, so each of the 6,000 boats that use our public launches every year increase this possibility.

Our lake and our local economy need to be protected from new AIS invaders in nearby lakes. A recent effort calculated the exorbitant costs of AIS: After Lake Mendota in Madison was infected with spiny waterflea in 2009, the lake lost one month of clear water conditions and racked up \$80-to-\$163 million in damages ³. Lake Mendota now has spiny waterfleas at the highest densities of anywhere else in the world and is only 70 miles from Big Green Lake.

WHO would manage this? These boat washing stations are being proposed by four local groups: Green Lake Association, Green Lake Sanitary District, Green Lake County Land Conservation Department and Golden Sands RC&D. These lake management partners (LMP) would manage the project and hire a third-party company to maintain the boat washing stations. The County would not be responsible for *any* boat wash station maintenance.

WHEN would they be installed? The LMP would seek grant and local funding for the majority of the project’s costs in December 2019 and proposes to install them in the spring of 2020.

INSTALLATION + ANNUAL COST BREAKDOWN

Total Installation Cost: \$91,200

Annual Operation & Maintenance Cost: \$25,000

Funding Source Proposal

The LMP is seeking a combination of local, grant and Green Lake County boat launch funds to cover the installation and annual cost of the boat washing stations.

Organization	Upfront Cost	Annual O&M, Years 1-3	Max. Annual O&M, Years 4+ <i>(Pending Program Evaluation)</i>
WDNR Grant	\$75,000	\$25,000 / yr	\$0 / yr
Green Lake Association	\$15,000	\$0 / yr	\$5,000 / yr
Green Lake Sanitary District	\$15,000	\$0 / yr	\$5,000 / yr
Green Lake County Boat Launch Fee Request	\$0	\$0 / yr	\$15,000 / yr §

§ Equivalent to \$2.50/boat in collected boat launch fees

PROJECT CONTACT INFORMATION

Anna Cisar, Golden Sands RC&D
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(715) 923-5809

This outline was compiled by Golden Sands RC&D and the Green Lake Association.

SOURCES

- ¹ Rothlisberger, J. D., Chadderton, W. L., McNulty, J. and Lodge, D. M. (2010), Aquatic Invasive Species Transport via Trailered Boats: What is Being Moved, Who is Moving it, and What Can Be Done. Fisheries, 35: 121-132.
- ² Great Lakes Aquatic Nonindigenous Species Information System; <https://www.glerl.noaa.gov/glansis/>
- ³ Clean Lakes Alliance (2017), Invasive Species Highlight: Spiny Water Flea.
- ⁴ UW-Madison Center for Limnology (2017), What Lies Beneath: Sudden Invasion of a Wisconsin Lake Wasn't So Sudden After All.

FREQUENTLY ASKED QUESTIONS

How effective are boat washing stations?

These pressurized, hot water boat washing stations are 91% effective at removing small-bodied organisms like spiny waterfleas ¹. Boaters would use them *before* entering Big Green Lake.

If not 100% effective, why bother?

It only takes one improperly cleaned boat to contaminate a lake with an aquatic invasive species (AIS), yet a 2011 study found that more than two-thirds of boaters do not take the necessary steps to clean their boats ¹. Boat washing stations make boat cleaning more effective and serve as a visual cue to increase the number of boats being cleaned.

There are no cures for invasive species on lakes with today's technology. Once a lake is infected with an invasive species, there is no going back: Its ecology and water quality is permanently degraded. Therefore, the best safeguard is to keep AIS out of Big Green Lake in the first place.

If not at every boat launch, why bother?

Beyond signage and periodic ticketing, there are currently no rigorous procedures at *any* boat launches to protect Big Green Lake. Therefore, *anything* we do is an improvement.

We propose installing boat washing stations at two public launches on Big Green Lake: Sunset Park and Dodge Memorial Park. These two locations are the most popular launches, so implementing this plan will improve our odds of keeping the lake healthy from additional AIS.

With strong community support, we could view this as a phase I effort and expand to the remaining launches once we get these initial systems in place.

Are aquatic invasive species really that big of a deal?

Yes, AIS are a major worry. There are 100 non-native species in Lake Michigan ²; Green Lake has 6 invasive species.

Just one new AIS can cause major problems for a lake. After Lake Mendota in Madison was infected with spiny waterflea in 2009, the lake lost a month of clear water conditions and racked up \$80-to-\$163 million in damages ³. Spiny waterfleas cause lakes to become significantly greener from excessive algae growth. This particular AIS also feeds on beneficial zooplankton that smaller native fish species consume as a food source. This negative implications work their way up the food web to larger game fish.

Ultimately, the tiny spiny waterfleas causes monumental problems. They bring greener water and a suffering fishery, which are bad for our lake and bad for our local tourism-based economy.

We already have aquatic invasive species. Why bother?

Invasive species like zebra mussels and Eurasian watermilfoil are well-known nuisances to Big Green Lake, but there are many other invasive species in nearby lakes that we do not yet have. AIS like spiny waterfleas, quagga mussels and round goby all major concerns for Big Green Lake.

Think about this: Lake Mendota has spiny waterfleas at the highest densities of anywhere else in the world ⁴ and is only 70 miles from Big Green Lake.

Will boat washing stations cause traffic jams?

Boats will be directed towards boat washing stations upon arrival at the public boat launch for a procedure that will take fewer than 5 minutes. Boat arrival at the launches is often staggered, so we do not anticipate a traffic backup (compared to the rush of exiting boats at sundown - a time we are avoiding). Even if there is a minor traffic delay, this is a good opportunity to prep a boat for going out on the water, which needs to happen with or without a boat washing station in place.

Will there be a loss of parking at these boat washing stations?

These two public boat launches are the most popular and the largest, so the boat washing stations will have the smallest impact. At Sunset Park, we anticipate a loss of 4-7 parking spots (depending on boat washing station orientation). At Dodge Memorial Park, we propose installing at the western, grassed area for a loss of no official parking spots.

Who is maintaining the boat washing stations?

The County would not be responsible for *any* boat wash station maintenance. These boat washing stations are being proposed by four local groups: Green Lake Association, Green Lake Sanitary District, Green Lake County Land Conservation Department and Golden Sands RC&D. These lake management partners (LMP) would manage the project and hire a third-party company to maintain the boat washing stations.

What are the laws associated with boat washing stations and AIS?

At this time there are no county ordinances or state laws that require the use of a boat washing station in Green Lake County (although they exist elsewhere). However, it is state law to inspect and remove all plants, organisms, water, and debris from all watercraft before leaving a landing. Yet, according to Green Lake County Conservation Warden, John Schreiber, many boaters do not follow this state law and could be unknowingly transferring AIS to and from Green Lake.

If not mandated, will people use it?

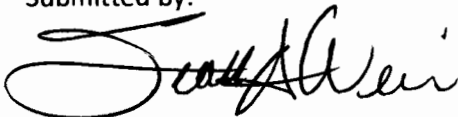
According to boat washing managers in the region, boat washing stations are well received and have an increase of use after installation. Furthermore, the Green Lake community is familiar with Clean Boats, Clean Waters and will likely view boat washing stations as an expansion of that AIS prevention program. And for those boaters who have accessibility issues, having a pressure wash on site may be a welcome improvement to the landing.

December 03, 2018
Parks Commission
Report
Parks & Recreation

Parks & Recreation

Volleyball nets removed for season - 1st week of october – Dodge
Shelter flushable toilets and all fixtures/drains winterized for season - 1st week of october – Dodge
Bike racks removed for season - 1st week of october – Zobel upper/lower, Sunset, Dodge swim area/boat launch area
All picnic tables put up (away) for season - 1st week of october – All parks
New doors rec., painted, installed with new hardware – Sunset
Repairs/maintenance performed on board walk 2nd week of october –Mascoutin Valley State Trail
To save funds on seasonal delivery of dumpsters we will be storing the units at the maintenance/parks facility at Lake Steel Street
8 new 11S 6' tables with galvanized frame with red cedar recycled plastic tops/bench ordered-start of replacement tables for parks
4 new 11S 8' ADA tables with galvanized frame with red cedar recycled plastic tops/bench ordered-start of replacement tables for parks
Attended requested meeting from LCD regarding boat wash stations possibilities at Sunset/Dodge boat launch's /11/07/18 Scott Weir/Ron Severson
All new picnic tables picked up from vendor 11/05/18
All new picnic tables assembled and placement started in Kingston/11/08/18
All boat launches removed for season 10/30/18
General Maintenance performed
Scheduled Maintenance performed

Submitted by:



Scott A. Weir
Maintenance Director
Parks & Recreation Director
Green Lake County