

Weed Committee Report – GLA Board Meeting – 8-28-2017

Lake notes are listed below for the 10th and 17th of August. We have treated 11.6 acres on Goose which is over the 10 acre contracted amount by 1.6 acres. They came out again on the 24th to retreat a part of Muskie Trail but it was done at no charge since this was a redo. There are .2 acres left to treat under the current contract. I will let you know if we need more. I would ask for more money to cover any additional needs but the financials are a bit tight and we are getting near the end of the season where we may not have an serious issues.

We will wait for Rollins recommendations but we could be looking at a full lake treatment for Goose as this is the second year we are using up our allotment.

Remember the weeds that we DO NOT WANT to keep are the Eurasian watermilfoil and the Curlyleaf Pondweed. These weeds are not good for fish or boating.

Lake Notes 8/17/17

Goose Lake: water level up 2" 78.7 degrees 6.33 mg/L
Contracted treatment acres: 10 Acres Treated Acres to date: 11.6 Acres

Inspected the lake today and performed treatments that are listed below. The side channels are in good shape with mostly dead milfoil floating around. The weeds should continue to break down and be less of a nuisance soon. There is a decent patch of milfoil in front of the large house on the west side of the lake. This house is not a part of the association so no treatment will be scheduled. The weather was cloudy and windy today so visibility was more difficult in the deeper water. The lake is looking better and with the treatments performed today should continue to look better.

I made a note on how clear the water is on the east side of the finger channels. You can see the bottom throughout most of the east side. This is the clearest I have seen the finger channels since starting. Not sure if it is related to the bacteria applications that started this year or not.

Treatments performed today:

1. Boat launch bay retreatment for milfoil. (1 ac.)
*Retreatment acreage does not count against contracted treatment acres.
2. Lots 89-92 treatment for milfoil control. (.1 ac.)
*Acreage has been added to overall treatment acres to date.
3. Algae treatment throughout Muskie Trail
4. Duckweed treatment to the 2 far east channels for the finger channels. (2.25 ac.)
*Retreatment acreage does not count against contracted treatment acres.

Treatments scheduled for next week:

1. Milfoil treatment in Muskie trail from lot 100 to the end. (1.25 ac.)
* Retreatment acreage does not count against contracted treatment acres.
2. Algae treatment in the finger channels

Beaver Lake: Water level up 4" 79.1 degrees 6.13 mg/L
Full Lake Treatment

Inspected the lake today for nuisance weed and algae growth. Also checked on the status of the native plants as well. The north end of the lake and west portion are looking good still. Like I have stated in the last few reports the only concern area is in south half-moon. There are a couple species of pondweeds and naiads that are continuing to grow and expand. I really want these plants to continue to flourish but the area between lots 17-21 the plants may need

treatment the following week. I will check with Joe if he thinks this area needs to be thinned back in the middle of the channel. If they become more of an issue with the boaters they will be scheduled for a treatment the following week.

I noted a couple small areas of curly leaf pondweed in the same area of south Half-moon. The turions that are in the soil can decide to grow at any time. I will keep an eye on this and hopefully it will be just minimal growth. Lots 40-41 have improved since the treatment. Most of the pondweed is brown and dying off. I will check these lots out again next week. There is some algae and milfoil located at the far south end of the channel that leads to Lincoln lake. I am leaving this area for fish habitat since there are no docks present.

No treatments scheduled for next week only an inspection.

Lincoln Lake: Water level up 1" 78.6 degrees 6.98 mg/L
Contracted treatment acres: 12 Acres Treated Acres to date: 11.8 acres
***1.6 acres used on Goose lake**

Today I inspected the lake for nuisance weed growth and to track the native plant community. Lincoln has looked good most of the season this year. The channels are still navigable and most of the shoreline is clear of heavy exotic weed growth. I did notice more sago pondweed and small pondweed along the shoreline this visit. Most of the shallow shoreline has some type of pondweed present. The American pondweed does not seem as heavy this year as it did last year but that is most likely due to there being more species of native plants present. It is better to have multiple native species than a lot of 1 specie present. There are more dock areas that are getting surrounded by weed growth. For now, the weed growth is minimal and should not impede on boat usage. I will continue to inspect these docks next week.

Inspection of the lake next week. No treatment needed at this time.

Lake Notes 8/10/17

Goose Lake: water level up 2" 79.3 degrees 7.92 mg/L
Contracted treatment acres: 10 Acres Treated Acres to date: 11.5 Acres

Inspected the lake today a found a few areas of concern that will require treatment. The boat launch bay still has a lot of milfoil growth that hasn't dropped out. This area will get a retreatment next week. I am starting to see more of a buildup of duckweed in the 2 far east finger channels. I will treat this area as well next week. Lots 89-92 has developed a moderate amount of milfoil growth around the boats and dock area. I will treat this area as well next week. Finally, Muskie trail has a decent amount of subsurface algae growth that will need to be treated next week.

The remaining lake is looking good for the most part and previously treated areas continue to have weeds dropping out. The side channels look better after the algae treatment last week. Mostly dead stalks of milfoil present but channel is now easier to navigate with boat. The redneck yacht club island area has improved as well with mostly dead stalks of milfoil remaining.

I applied the 3rd application of bacteria to finger channel and part of Muskie trail. I am a little behind on the bacteria due to the heavy amounts of algae that we have had to treat this year. It is not recommended to apply the bacteria when performing algae treatments. There is a risk of killing the bacteria with the algaecide, so I have had to space out the different applications.

Treatments performed today:

1. Performed the 3rd bacteria application to finger channel and part of Muskie trail

Treatments scheduled for next week:

3. Boat launch bay retreatment for milfoil. (1 ac.)

*Retreatment acreage does not count against contracted treatment acres.

4. Lots 89-92 treatment for milfoil control. (.1 ac.)
*Acreage has not been added to overall treatment acres yet.
3. Algae treatment throughout Muskie Trail
4. Duckweed treatment to the 2 far east channels for the finger channels. (2.25 ac.)
*Retreatment acreage does not count against contracted treatment acres.

Beaver Lake: Water level up 5" 77.9 degrees 6.73 mg/L

Full Lake Treatment

Today I did an inspection of the lake and performed a weed treatment to lots 1040-1041 in south Half-Moon for the control of American pondweed and sago pondweed. The lake is still in very good shape overall. The native plants are becoming denser in the shallow areas around the shoreline. There is minor duckweed present at the end of the north half-moon channel.

The only area of concern is the south half-moon channel, especially the area where it narrows down. There is a lot of native plant growth, which is a good thing but since the area is shallow it could eventually slow down boat traffic. I will keep an eye on this area over the next visits.

Treatments performed today:

1. Lots 1040 and 1041 for the control of American pondweed and largeleaf pondweed around the dock/beach areas. (.2 Acres).

No treatments scheduled for next week only an inspection.

Lincoln Lake: Water level up 1.5" 79.3 degrees 7.18 mg/L
Contracted treatment acres: 12 Acres Treated Acres to date: 11.7 acres
***1.5 acres used on Goose lake**

Today I performed an inspection of the lake. The lake is still in really good shape as of now. The channels are still clear for boat traffic. Previous treatments are still in good shape with minimal growth. The mouth leading to Hatchery bay is looking much better. Mostly just dead plant material located at the entrance. There were a few dock areas that were noted for having weed growth present. Most of the growth is native plants so I do not want to treat it unless I must.

Inspection of the lake next week. No treatment needed at this time.