

Eurasian Milfoil Management Report Chateaugay Lake

June 6 – June 9, 2016

June 13 – June 16, 2016

June 27 – June 30, 2016





Work Summary for the period 6/6/2016 – 6/9/2016

Crew Leader: Justin Fabian

Location: Chateaugay Lake, Boat Launch

Monday 6/6/2016 - (Map - ●●)

Location: S of boat launch to 200' W, working N
Observations: Moderate density, single & multi-stem mature Milfoil ranging from 3'-6' in height.
Harvest Data: 21 bags

Tuesday 6/7/2016 - (Map - ●●)

Location: **Site 1** -S of boat launch to 200' W **Site 2** – N of boat launch
Observations: **Site 1** – cleanup of previous day's harvest area completed. **Site 2** – High density, mature, single & multi-stem Milfoil (surveyed at 9,000 stems/acre)
Harvest Data: 18 bags

Wednesday 6/8/2016 - (Map - ●●)

Location: N of boat launch (ongoing)
Observations: High density mature and multi-stem Milfoil
Harvest Data: 42 bags

Thursday 6/9/2016 - (Map - ●●)

Location: Boat launch (ongoing), E to W, then S to N
Observations: Cleanup of harvest area, removal of remaining plants, stems, and fragments.
Harvest Data: 7 bags

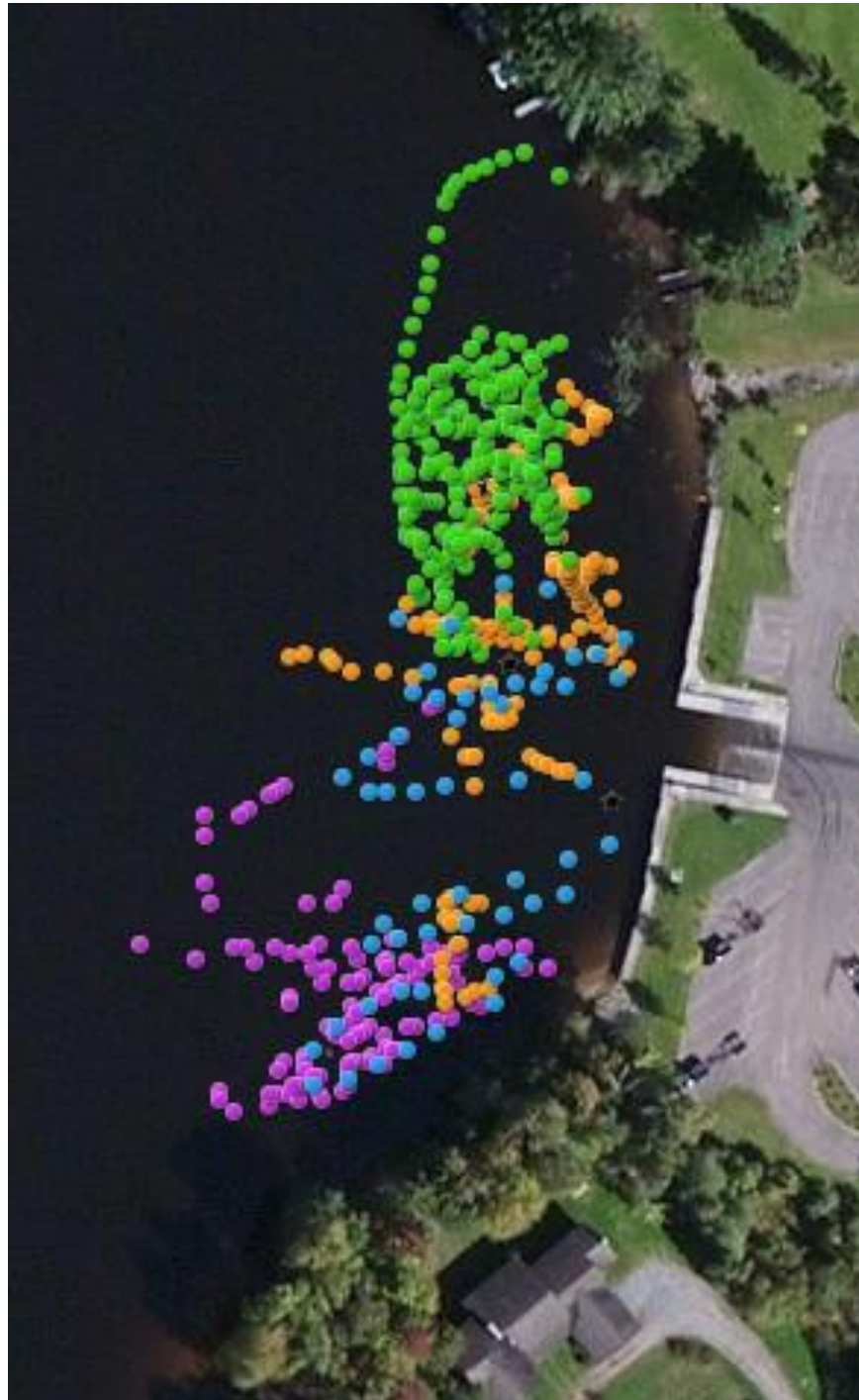
Summary:

Due to the density of plants still remaining in the area North of the ramp, it is suggested that removal begins here in the coming week, then moves to the bed identified near the sand bar once completed. The weather this week brought consistently high winds, and given that plants were mature throughout both work areas North and South of the launch, they produced many fragments during removal. Crew was conscious of this factor, and the issue was monitored from the surface, as well as by the divers during their harvest. Time was allotted for clean up around launch ramp, docks, and the shorelines each day as to remove fragments transported by wind throughout the day. Fragments nets will be used next week to alleviate further transport of fragments to shore. Benthic barriers were located throughout the week and are represented on the harvest data map by black stars.

Bag Total = 81 →→ 2,025lbs



Harvest data for the period 6/6/2016 – 6/9/2016





Work Summary for the period 6/13/2016 – 6/16/2016

Crew Leader: Justin Fabian

Location: Chateaugay Lake, Boat Launch & S of Indian Point

Monday 6/13/2016 - (Map - ●●)

Location: N of boat launch (ongoing)
Observations: High density, single & multi-stem mature Eurasian Milfoil.
Harvest Data: 39 bags

Tuesday 6/14/2016 - (Map - ●●)

Location: S of Indian Point
Observations: High density, mature multi-stemmed plants 6'-9' & single stemmed plants 2'-5' in height.
Harvest Data: 23 bags

Wednesday 6/15/2016 - (Map - ●●)

Location: S of Indian Point, working N to S in front of Pine Lodge (ongoing)
Observations: High density, single & multi-stem Milfoil.
Harvest Data: 29 bags

Thursday 6/16/2016 - (Map - ●●)

Location: S of Indian Point (ongoing)
Observations: Cleanup of Tuesday/Wednesday harvest area, removal of remaining plants, stems, and fragments.
Harvest Data: 23 bags

Summary:

Two beds were worked this week in an effort to capitalize on high-density removal. Fragment nets were used on both sites all week to minimize dispersal of fragments due to high winds. There are still considerable amounts of Eurasian Milfoil in the work area north of the boat launch, but the crew relocated to the south basin at CLF's request. The dense bed south of Indian point consisted of mature multi stemmed plants ranging from 6'-9' tall, with younger single stemmed plants found throughout ranging from 2'-5' tall. The ranges in plant maturity suggest that this site has the potential to be a serious threat to the surrounding areas and should continue to be closely monitored in the future.

Bag Total = 114 →→ 2,850lbs

Harvest data for the period 6/13/2016 – 6/16/2016



Chateaugay Lake, N of Boat Launch – 6/13/2016

Area of detail
Indian Point, Upper Chateaugay Lake
6/14---6/16/2016





Work Summary for the period 6/27/2016 – 6/30/2016
Crew Leader: Justin Fabian
Location: Chateaugay Lake, Boat Launch & Indian Point

Monday 6/27/2016 - (Map - ●●)

Location: N of boat launch (ongoing)
Observations: Harvesting mature patch of multi-stemmed Eurasian Milfoil ranging from 4'-8'tall with Curly Leaf Pondweed mixed in (denoted with star symbol on accompanying harvest map).
Harvest Data: 34 bags

Tuesday 6/28/2016 - (Map - ●●)

Location: N of boat launch (ongoing)
Observations: Working E to W, then continuing N. Interrupted twice by thunderstorms in the area.
Harvest Data: 18 bags

Wednesday 6/29/2016 - (Map - ●●)

Location: N of boat launch (ongoing)
Observations: Continued high-density harvesting.
Harvest Data: 35 bags

Thursday 6/30/2016 - (Map - ●●)

Location: Indian Point
Observations: Cleared dock area in front of camp then moved to high-density area in cove S of Indian Point. Fragmentation nets deployed.
Harvest Data: 31 bags

Summary:

Priority was given to the dense patches north of the boat launch due to the anticipated increase in boat traffic over the coming holiday weekend. The cloudy and rainy weather forecast for the week kept boat traffic to a minimum and allowed us to work the area without interruption. We were asked to focus on removing volume at both locations this week, however this comes with the sacrifice of cleanliness. It is highly recommended that these sights be thoroughly maintained and monitored in the near future as there is a high potential for regrowth. More benthic barriers were located this week and are represented by purple dots. This week yielded **118 bags of milfoil totaling 2,950lbs.**



Harvest data for the period 6/27/2016 – 6/30/2016



Chateaugay Lake, N of Boat Launch – 6/27 – 6/29/2016



Harvest data for the period 6/27/2016 – 6/30/2016



Indian Point, Upper Chateaugay Lake, 6/30/2016