



## 2017 DASH SUMMARY

### Deer Lake, Lincoln County, WI

Diver Assisted Suction Harvesting (DASH) of Eurasian Water Milfoil (EWM) took place on July 16<sup>th</sup>, 17<sup>th</sup> and 18<sup>th</sup>, 2017 on Deer Lake, Lincoln County, Wisconsin. **(Figure 1)**. A survey performed on June 7, 2017 by Onterra LLC confirmed the locations of EWM and 3.99 acres at 7 separate areas were targeted for harvest. Conditions during the survey were excellent with full sun and low winds.

#### **July 16, 2017**

Areas C-17 and D-17 were harvested using the DASH barge with one diver on hookah air supply and another person on the barge collecting the material in mesh bags. The wind was at 7mph, waves were calm, air temp was 68 degrees working at a depth of 10 feet.

Area C-17: 4.5 hours with a total of 158 lbs of material harvested (approx. 5% non-target plants)

Area D-17: 3.5 hours with a total of 264 lbs of material harvested (approx. 5% non-target plants)

#### **July 17, 2017**

Areas D-17 and F-17 were harvested using the DASH barge with one diver on hookah air supply and another person on the barge collecting the material in mesh bags. The wind was 7 mph, waves were calm, air temp was 55 degrees working at a depth of 10 feet.

D-17: 3hours 10min with a total of 159 lbs of material harvested (approx. 5% non-target plants)

F-17: 4 hours with a total of 169 lbs of material harvested (approx. 5% non-target plants)

#### **July 18, 2017**

Areas E-17 and G-17 were harvested using the DASH barge with one diver on hookah air supply and another person on the barge collecting the material in mesh bags. The wind was 5 mph, waves were calm, air temp was 70 degrees working at a depth of 9 feet.

E-17: 5 hours 15 mins with a total of 246 lbs of material harvested (approx. 5% non-target plants)

G-17: 1 hour 30 min with a total of 36 lbs of material harvested (approx. 5% non-target plants)

Table 1 shows the acreage, lbs harvested, time spent and lbs per hour.

**Table 1** 2017 DASH Harvest Total by Area, Deer Lake, Lincoln Co., WI

Site	Acreage	Lbs harvested	Time (man-hours)	lbs / hour		
C-17	0.2	158	4.5	35.1		
D-17	0.23	423	6.7	63.1		
F-17	0.36	169	4	42.3		
E-17	0.6	246	5.25	46.8		
G-17	0.41	36	1.5	24		
Total	1.8	1032	21.95	47		

I have attached the map showing the areas Onterra LLC created as the “Final 2017 EWM Hand-Removal Strategy v1” (Figure 1)

1041 Riverside Drive Suamico, WI 54173

920 - 341-8591

Web: [www.diverassisted suctionharvesting.com](http://www.diverassisted suctionharvesting.com)