

**D&S Dive services**

102 Moosewood rd.

Lovell, Me. 04051

207-928-2124

7-16-18

**Cushman Pond project**

**Dive report for the town of Lovell**

The 3rd dive on Cushman Pond was conducted on July 14th as scheduled. The dive was done as a Jackman stay method as per the contract specs.

The air temp was mid sixties and the water temp was 72 degrees.

The thermocline was at approx. 9 feet and the temp drop was approx 8 degrees.

The start line was placed out beyond the stone pier at J. Rowes' property, near one of the plant locations from last dive and extended to the down pine tree across the cove. This line put the divers in fairly deep water and far enough out from any previous plant locations that coverage was very good. The jackman stay method was used inward to the Milfoil marker at which point visibility had deteriorated to the point that further diving was useless. Each shoreline littoral zone in the cove was also inspected.

No plants were located.

The area inbound from the Milfoil marker is checked along with the littoral zone inspection every dive as well as on this dive.

The dive started at 9:30 and concluded at 1:30 with a short lunch break, provided by the Buck Family.

Submitted by

Doug Faille

**D&S Dive services**

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**Lovell, Me. 04051**

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**8-13-18**

**Cushman Pond Project**

**Dive report for the town of Lovell**

The 4th dive was completed on August 11th as scheduled, the jackman stay method was used as per contract. The grid was started beyond the existing Milfoil marker and proceeded out towards deeper water. Once the grid lapped over the previous grid search the shallower cove area was diver line searched. In addition the north and south shoreline shallow littoral zones were inspected as well as the area around the location from last year.

Friday before the dive, a plant was located by Bryant Buck approx. 50 feet from the matted location from last year, it was harvested and matted with matt #17.

Saturday during the dive after the jackman stay method was completed a plant was located by D. Faille in the outlet cove area on the South shore approx. 100 feet from the town landing in 8' of water, it was harvested and matted with mat #7. Both plants were small in size.

**Submitted by Doug Faille**

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**9-3-18**

**Cushman Pond Project**

### **Dive Report for the Town of Lovell**

The fifth dive was done on Sept. 1st as scheduled. The weather was clear and the water temp was 72 degrees. Water visibility was approx. 6 feet but the water was murky from the recent rains.

The cove area was surveyed with a lateral line type search out to the marker buoy, then both shore lines were inspected through the littoral zone into deep water beyond the littoral zone.

The entire shoreline was inspected with both snorkels and divers as well as the shallow inlet area with boats and paddle boards.

No invasives were found anywhere.

I would strongly recommend an additional survey of the shallow inlet area in late September when the native plants have started to die off. There was one plant located in this area and a late survey would be an excellent way of being sure no plants were overlooked. The cost of this survey would be \$500.00.

The total for the year was 4 plant locations with a volume of less than a half gallon.

Submitted by  
Doug Faille