

Pearl Lake 2021 Hand-Pulling Summary Report

On June 10-11th, 2021, Cason & Associates, LLC hand-pulled Eurasian watermilfoil on Pearl Lake that was surveyed from a 2020 fall meandering survey.

During the hand-pulling, it is estimated that a total of 30 cubic feet of EWM was removed from Pearl Lake. Below are specific details from each target zone and any further recommendations.

P_1: Eastern- 89.1184522 W, 44.0867375 N Western- 89.1192425 W, 44.0867647 N

Bed is still present and currently undergoing early growth, with depths ranging from 8-12 feet. The bed seems to have grown past its' western bound, now ending where the boat launch intersects the 8-foot contour interval. There are a few individual clusters present up nearshore and could be hand picked by residents. We recommend using DASH for the deeper locations at P_1.

P_2:

Every plant that was nearshore extending out to 8 feet deep was pulled. There are some deeper highly scattered plants off the drop off at about 12+ feet deep.

P_3: New polygon GPS coor. West- 89.1199808 W, 44.0890037 N Eastern: 89.1174626 W, 44.0884968 N

The bed was more prevalent than in the fall survey. High density of plants in the shallow water nearshore. We noticed a scattered bed of milfoil on the drop off in 7+ feet of water. A new polygon depicting this is in the map attached to this report. We suggest using DASH on this new polygon.

P_4: Northern- 89.1211661 W, 44.0919757 N Southern- 89.1203315 W, 44.0913108 N

Picked majority of nearshore to 6 feet deep plants. Large amount of 2-3" plants that were attempted to pick. Scattered-moderately dense nearshore, it is recommended that adjacent residents rake their shoreline for EWM. We also observed a bit deeper bed of EWM scattered in a bed of Sago Pondweed that was from 6-12 feet deep.

P_5: Southern- 89.1250901 W, 44.0918076 N Northern- 89.1248477 W, 44.0922718 N

Scattered bed 5-12 feet, too deep and dense for effective hand-pulling. Pulled some shallower plants but some still present. Recommended DASH removal.



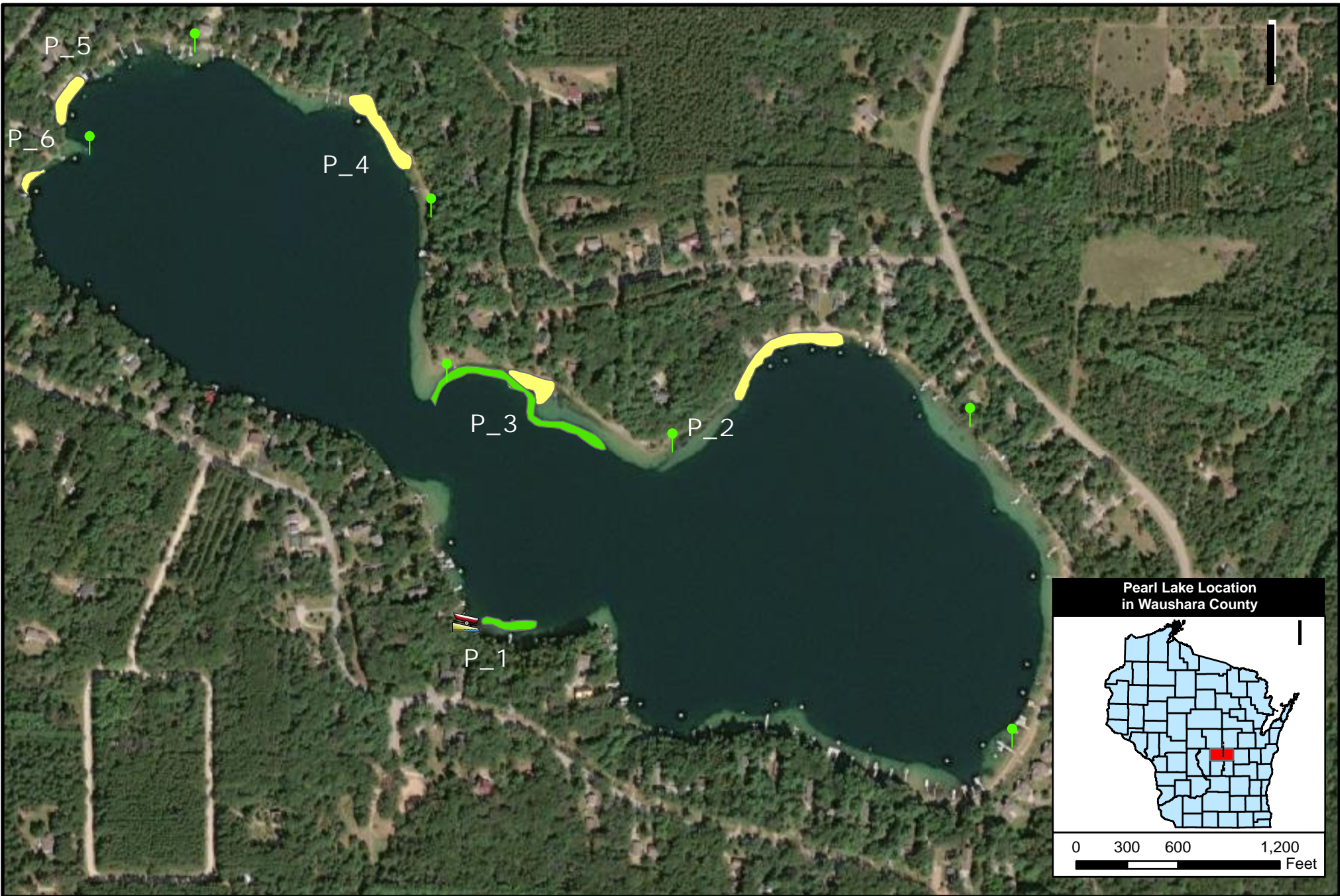
P_6:

All plants that were visible were picked. No new plants were identified.

Thank you for your business and for allowing us to perform this service for your district. If you have any questions, please contact me at 920-290-5256 or hunter@casonassociates.com.

Sincerely,

Hunter Roose



Legend

- Highly Scattered
- Individual or Small Clusters
- Proposed Treatment Area
- Boat Launch
- New Locations

Hand-Pulling for Eurasian Watermilfoil		
FIELD DATE(S): 06/11/2021	CLIENT: Pearl Lake P&R District	CITY: Leon
DRAWN DATE: 06/16/2021	COUNTY: Waushara County	STATE: Wisconsin

Cason
& ASSOCIATES, LLC
LAND & WATER MANAGERS

PO Box 230, Berlin, WI 54923
www.casonassociates.com

MAP NUMBER:
1
of
1