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## MANAGEMENT PLAN FOR PRIVATE MOORAGE APPLICATION

**OWNER:** Craig Hruska

**LOCATION:** 8011 Westkal Road  
Vernon, B.C.

**DATE:** January 25, 2012

This management plan is for the construction of an elevated private moorage structure with the installation of 10 new untreated wood piles. The location of this proposed private moorage is Lot 2, Sec 22, Twp 9, DL 5219 ODYD KAP 44842 on the west side of Kalamalka Lake in Vernon, B.C. The structure is proposed to be approximately 10 meters north of the southeast corner of the property and 19 meters south from the northeast corner of the property. The nearest adjacent moorage is approximately 11 meters to the south.

The proposed moorage is to be 12.8 meters long with a 1.5 meter wide walkway out to 3.0x7.3 meter "L". Proposed work includes the installation of 10 untreated wood piles and the construction of an elevated deck supported by these piles.

All structural timbers will be ACQ treated lumber and all pilings will be untreated Douglas fir. Decking shall consist of composite decking.

An Environmental Impact Assessment has been completed for this proposed works and has deemed the foreshore in the proposed location as to having low shore spawning habitat value. Construction is therefore not restricted to the least risk work windows as specified by the Ministry of Environment.

Piles will be installed by a floating barge rigged with a pile driving unit. A Qualified Professional will be on site at commencement of work to ensure that the work being done follows Best Management Practices and the Ministry of Environment's Habitat Officer's Terms and Conditions.

  
Kevin Hanson, RPF  
Burton Marine Pile Driving Inc.

Prepared for: Craig Hruska, 8011 Westkal Road, Vernon, B.C., V1B 1Y4