



Wintertime flow measurements through a culvert for initial site assessment. Approximately 15 site assessments were done to identify the best candidates for the hydro systems.



Spring site assessment for an excellent candidate (though a slightly larger project than what we intended for these demonstrations). Hopefully very soon in the future...



Identifying a suitable intake location for our off-grid bathhouse at Oxbow Falls County Park.



Trimming high density polyethylene to create our distribution manifold to attach to our incoming penstock. Heat fusion is our next step!



Once the system was set up, the penstock needed to be flushed to ensure the turbine nozzles wouldn't be plugged with debris from pulling the 1700' of pipe downhill.



Partially through the installation of the battery bank, inverter, charge controller, and diversion load.



The turbine in its final resting place and ready for action!



The bathhouse is fully functional with outdoor lights, hand dryers in both sides of the building, exhaust fans, and interior lighting. The power of water is incredible!

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