

Alpine Power & Transmission Inc.

**Stave Lake Region Renewable Dependable Power Project
Changes in Land Water Licence Applications**

Date
April 25 / 06

Application Changes

Original Application

<u>Winslow Creek Project</u> Land File 2408257 Water File 2002592			
<u>Power Generation</u>	Capacity 6.3 MW Energy MWh/yr 34,627	Capacity 5.4 MW Energy MWh/yr 35,000	
<u>Powerhouse</u>	Winslow Creek @ El. 196 m on 0.1 Ha E 559600 N 5486550	Change Winslow Creek @ El. 165 m on 2.87 Ha E 558930 N 5485967	373 mwhrs Increase 0.9 MW Less
<u>Penstock</u>	1980 dia by 1,700 m long on 1.7 ha Max. flow : 10.8 m ³ /s Min. flow : 2.82	2134 dia by 2,800 m long on 2.8 ha Max. flow : 7 m ³ /s Min. flow : 1.83	
<u>Power Intake</u>	Winslow Creek El. 270 m - 2.4 m. high on 0.1 Ha E559650 N 5488300	Winslow Lake El. 258 m - 7 m. high on 2.99 Ha E559913 N 5488609	
<u>Storage Weir</u>	Winslow Lake El. 277 m - 3.81 m. high on 0.1 Ha E560150 N 5488600	Winslow Lake El. 258 m - Part of above E559913 N 5488609	
<u>Diversion Weir</u>		Unnamed Creek to George Good Creek El. 299 m. 3 m high on 2.99 Ha E558848 N 5488940	
<u>Diversion Pipe</u>		Unnamed Creek to George Good Creek 610 dia. By 500 m on 0.5 Ha	
<u>Diversion Weir</u>		George Good Creek El. 278 m - 3 m high on 2.69 Ha E559463 N 5489026	
<u>Diversion Pipe</u>		George Good Creek to Winslow Lake 915 dia. By 600 m on 0.6 Ha	
<u>Diversion Pipe</u>			
<u>Impoundment</u>	1,250 A-F (1,543,000 m ³)	2,296 A-F (2,835,000 m ³)	
<u>Land Lease</u>	2.0 Ha. Total	1046 A-F Increase 15.44 Ha. Total	13.44 Ha Increase