

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Pre-application consultation		
APPLICANT NAME Summit at Snoqualmie	CONTACT NAME Tom McDonald	TELEPHONE NO. 360-786-5039
WATER RIGHT HOLDER'S NAME (if different) Same		EMAIL tmcdonald@cascadialaw.com

DATE OF APPLICATION Not yet filed.	PRIORITY DATE To be determined
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WATER SOURCE: Tributaries to Coal Creek (Hyak Creek, Tunnel Creek, unnamed)	CROP: None
INSTANTANEOUS QUANTITY: 15 cfs	ANNUAL QUANTITY: 300 afy
PERIOD OF USE: Year Round	
PLACE OF USE: Summit Central at the Summit at Snoqualmie ski area	PURPOSE OF USE: Snowmaking
IRRIGATION METHOD: Not applicable	

<p>CONSUMPTIVE USE CALCULATION: See included technical memorandum. Consumptive use limited to initial evaporative loss from snowmaking machines. Based on average low temperatures at Snoqualmie Pass for the period of record and using an energy balance calculation, that is intended to be 8 percent of the water run through the system.</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT: See included water right pre-application consultation form and technical memorandum for additional details.</p> <p>Anticipate needing a new surface water right, new reservoir water right, and to obtain suitable mitigation water to offset consumptive use and not impact TWSA.</p> <p>Propose to capture water from three points of diversion (Hyak Creek, Tunnel Creek, and unnamed stream) that are tributary to Coal Creek and pipe it to multiple storage ponds (reservoirs) at the ski area. Pump water from the reservoirs to the snowmaking equipment on the ski slopes to make snow.</p> <p>Propose to mitigate for consumptive use by purchase or lease of senior water rights, such as may be available through the SMID water bank.</p>
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We anticipate only being allowed to capture water during periods of high flow in excess of the flow needed to support fish populations. We have been informed that Coal Creek contributes flow to Gold Creek when the reservoir is drawn down, which helps Bull Trout move from the reservoir into Gold Creek to spawn in the fall. If a water right application is approved, we understand that we will need to install and maintain a streamflow gage on Coal Creek to know when water can be diverted and to allow for Ecology and others to confirm compliance with any minimum flow provisions.

WTWG Project form