



## Mountain Majesty: Sun Peaks Resort To Auger Monster's Technology

Sun Peaks Resort, located 40 miles Northeast of Vancouver, BC is a very popular, high altitude vacation getaway spot. The facility has received awards as "Best Village Development" and "Best Mountain Trail Design in North America".

It was only natural for the owners to select award-winning technology from JWCE. In an effort to upgrade their aerated lagoon system to true waste treatment utilizing Pure Stream Eco-Fluid technology, an Auger Monster modular system was installed. The highly acclaimed Auger Monster system has been awarded the Water Environment Federation's "Product Innovation Award".

The Auger Monster was chosen to both protect the pumps that transmit material downstream and also to enhance biological action. The

**Problem: Needed to upgrade aerated lagoon system to true waste**

**Solution: The Auger Monster was chosen to protect pumps downstream and enhance biological action**

system accomplishes its dramatic results by utilizing proven Muffin Monster grinding technology combined with the screening, washing, dewatering and compacting capabilities of the Auger. The results are a dramatic increase in the resort's wastewater treatment efficiency, significant cost savings and reduction of odors.

The growth of the Sun Peaks Resort, a family oriented facility, mirrors the market acceptance of the Auger Monster family of products. Coincidentally, the first hotel was built in 1995, the very same year the Auger Monster received its Product Innovation award. Today, the resort

boasts six hotels, numerous condominiums and a hostel. The facility is nestled at the base of Tod Mountain and is surrounded by Sundance Mountain and Mount Morrisey. This idyllic location creates an intimate atmosphere, while providing ideal conditions for alpine and cross-country skiing, snowboarding, as well as locally popular activities such as dog sledding and snowmobiling. Upwards of 250,000 guests visit the facility during Wintertime. Numerous activities can also be enjoyed during the warmer months, including hiking, wagon rides and nature tours.

The Sun Peaks Resort receives many compliments from guests who appreciate the professional and personal service that the facility prides itself on. The resort owners have bestowed high praise on JWC Environmental and its local

representative, Elaine Connors of Jelcon, for their support and immediate response to operational changes that were necessary during the first month of operation. The treatment facility must handle a wide range of flows, ranging from very low during off-peak visitation periods, to maximum capacity during high occupancy times. The flow challenges combined with the frequency of very low ambient temperatures were met head-on by

the JWC Environmental and Jelcon team. Together, the resort's expectations were met and surpassed.

As the Sun Peaks Resort continues to prosper and grow, JWCE's Auger Monster system will continue to provide the high flow capacity, grinding, screening, dewatering and compacting required by this world-class facility.

## Penitentiary No Longer Imprisoned By Problem

Before it had an Auger Monster installed in its wastewater outflow works, a federal penitentiary in Terre Haute, Indiana, experienced continual maintenance problems with a worn out bar screen which failed to adequately trap and remove cloth items such as towels and sheets. As a result, some of this material was passed through to the institution's lift station, threatening to clog and damage the wastewater pumps.

The Indiana prison is a maximum security federal penitentiary with approximately 1300 inmates. It had an Auger Monster installed in October of 1998 after seeing what the unit could do in a demonstration by a JWCE Demo Truck team.

The Auger Monster replaced a Wiesemann bar screen which "wore out and also required a lot of maintenance," says the penitentiary's Chief of Utilities, Steve Setzer. He explained that crews had to go in twice and sometimes three times a day to collect and bag the solids that had dropped onto a large pan situated under the screen. The bagged material was then loaded into an ordinary trash dumpster for hauling to a local solid waste disposal facility. In addition to this frequent ritual, the screen itself required repeated manual washing.

Under the new system, the Auger Monster works in tandem with a fine bar screen located at the back end of the grinder to provide additional non-organic solids removal. The Auger Monster not only helps prevent pump clogging by grinding up the solids to a consistency that the treatment works (the bar screen) can handle but it has dramatically reduced the heft of those solids that are still collected, bagged and transferred to the dumpster.

This solids volume reduction translates into a significant savings in maintenance time. According to Setzer, under the old system it took crewmen one and a half hours to collect, bag and dispose of the solids every time the solids pan had to be emptied. Thanks to the Auger Monster, the time required by this procedure has dropped by two-thirds.

In today's management climate, smart managers are ever on the lookout to find ways to make their systems more efficient and to reduce costs. The Auger Monster has resulted in both outcomes, while requiring virtually no more than ordinary maintenance.

"Henry P. Thompson came out in mid April (of 1999) and made some minor adjustments to the unit but, other than that, "It's (the unit) been doing fine," Setzer said.

*...the results are  
a dramatic  
increase in the  
resort's  
wastewater  
treatment  
efficiency...*

*...experienced  
continual  
maintenance  
problems with a  
worn out bar  
screen which  
failed to trap  
towels and  
sheets...*

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