

UV Pure® Case Study	
Application:	Municipal_Institutional Projects
Solution:	Hallett® 13 systems
Location:	Jasper, AB



Pure, safe water.
Always:

Jasper National Park Chooses Hallett® for Potable Water Systems.

At Canada's world renowned Jasper National Park, UV Pure® Technologies' Hallett® system provides potable water every day. The park maintains a wide range of facilities where water and wastewater systems are required including campgrounds, staff quarters, Visitors' Stations and public restrooms. Across this range of facilities, the source water can vary from deep ground-water wells to surface water. This can present a challenge for park officials who must constantly keep abreast of best available technologies for water purification and wastewater treatment.



For the park's smaller system, they collaborated with Sigma Environmental Solutions of Calgary AB, to develop a system using graduated cartridge filtration and Hallett® 13s. Since their installation in a number of facilities last year, these systems have reliably provided safe water and park officials are very pleased with the Hallett® systems' low maintenance and operational demands.

Jasper Park also installed waste water systems using Hallett®s for UV treatment with great success, and this case study will be published in an upcoming newsletter.

"Throughout Jasper National Park we have implemented many upgrades to our potable water systems as technologies have developed. These systems vary from campgrounds serving up to 5000 people per day to typical staff accommodations. Source water varies from deep ground-water wells to surface sources. For our smaller facilities, excluding distribution systems, we used a system consisting of graduated cartridge filtration down to 1 micron absolute and UV disinfection with Hallett® systems. To date these systems have never allowed the presence of Coliform bacteria and have maintained turbidity levels well below 1NTU with minimal operational and maintenance requirements." — Nathan Ward, Water Quality Technologist, JNP Technical Services Dept. Parks Canada Agency