



## Portable Water Purification System for Small Camps

BluMetric Environmental Inc. (BluMetric™) is a diverse organization, providing solution-oriented consultation, design, products and construction services to clients with complex environmental issues. BluMetric delivers experienced professional services and solutions in the environmental field, including the geosciences and engineering, water and wastewater treatment, industrial hygiene, occupational health and safety, geomatics and data management, environmental contracting and environmental management.

BluMetric has more than 40 years of experience with 25 years in water and wastewater treatment and is focused on designing systems and equipment that are compact, energy efficient, reliable and simple to operate. BluMetric specializes in the manufacture of mobile plants and equipment, which are built to be transported and operated under extremely demanding conditions. BluMetric customers include the Canadian Land Forces, Royal Canadian Navy, global mining companies, industrial clients and all levels of Government.

BluMetric consistently delivers reliable water purification solutions with exceptional engineering and field support services. A Canadian company, BluMetric continues to design and support innovative and robust treatment solutions, supported by a proven technical capability and an expert support team.

### PORTABLE WATER PURIFICATION SYSTEM

In order to address the water supply needs of a temporary mining camp site, BluMetric has developed a Portable Water Purification System (PWPS). The PWPS is ideally suited for temporary construction, exploration and mining camps, producing safe water for up to 50 workers. The compact system can be readily relocated to a new site, as the sub-components (4 cases) are light enough for two workers to lift and can be transported by truck or small aircraft.

The PWPS is a reliable, field proven and very cost effective water treatment solution for remote locations. The system requires minimal assembly time, operator training and maintenance. Also, the amount and cost of consumable products is extremely low relative to comparable systems.

The PWPS can successfully treat most water sources, with the ability to remove Chemical, Biological, Radiological and Nuclear (CBRN) contaminants. In order to manage the daily peak flows, BluMetric will supply a reservoir tank and plumbing which can be automated to refill based on the site specific water requirements. With a Total Dissolved Solids (TDS) level of 1,500 ppm, the PWPS can produce clean water at a rate of 3.3 gpm.