

## Loon Lake Resort – A Mobile Home Park Community

Clearford's Small Bore Sewer™ (SBS™) provided an economical, operational and environmentally superior solution to Loon Lake Resort's wastewater dilemma.

Loon Lake Resort is a 164 unit condo corporation and mobile home park resting on 375 acres near Madoc, Ontario. By 2006, many of the existing septic systems were failing, threatening to contaminate the small onsite spring-fed lake. The poor state of the existing infrastructure was of significant concern to the Ministry of the Environment and restricted the corporation's plans to grow and expand the park. Additionally, Loon Lake also had a fixed and limited budget with which to undertake the improvements to their water and wastewater systems. After considerable research, the owners of Loon Lake Resort selected Clearford's SBS™ wastewater collection system instead of a traditional "big pipe" gravity sewer. Clearford was awarded a contract to design, supply and install the complete SBS™ system, including installation of the Bergmann wastewater treatment system and disposal field (design by Jagger-Hims Ltd.)

### Highlights of the Loon Lake SBS™ Installation:

- The **capital cost of the turnkey installation was \$1.1 million, compared to an estimated \$2.0 million** for a traditional gravity sewer system, wastewater treatment and disposal;
- The project was delivered under a **fixed price contract for less than \$7,000 per door including treatment**;
- Using open trench construction, the project was **installed over the Fall and Winter, minimizing the impact on the park's operations as well as existing structures, trees and other landmarks**;
- Additional system connection points were installed with ease during construction to **facilitate future park expansion**;
- Access points for system maintenance were installed off road, **limiting potential damage as a result of winter ploughing or loading from trucks and trailers**;
- **Operating costs are approximately 50% less** than the estimates for a traditional gravity sewer;

The Loon Lake Resort SBS™ installation and its successful performance to date demonstrate that Clearford's solution is cost effective, environmentally sound, and well-suited to the campground and mobile home park environment

### About Clearford Industries Inc.

Clearford Industries Inc. (TSX-V: CLI) is the developer of the patented Small Bore Sewer™ (SBS™), a watertight small diameter wastewater collection system that provides servicing with superior operational and environmental performance at a significantly lower cost when compared to historic gravity sewers. With the SBS™ as the enabling technology, Clearford delivers, on a global basis, turnkey, fixed-price wastewater collection, treatment, and energy generation solutions that are ideally suited for water-scarce regions, those with unreliable water distribution networks, and new developments seeking a greener approach to water and wastewater management.



*"The SBS™ solution exceeded our expectations on many levels. It was by far the most practical and economical alternative available. It was installed with minimal disruption to our residents and our environment, and it has been operating very well for us to date. I believe that Clearford's SBSTM technology is ideally suited for campground and mobile home park owners who are seeking to build, enhance or expand their wastewater systems."*

*Peter Cougler, President, Loon Lake Resort, Ontario, Canada.*

*"For collection systems, alternative, small diameter sewers should be used wherever possible. These systems are one of the many important developments in wastewater technology in many years. Properly used, they can represent an impressive savings over conventional sewers."*

*U.S. Environmental Protection Agency*

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