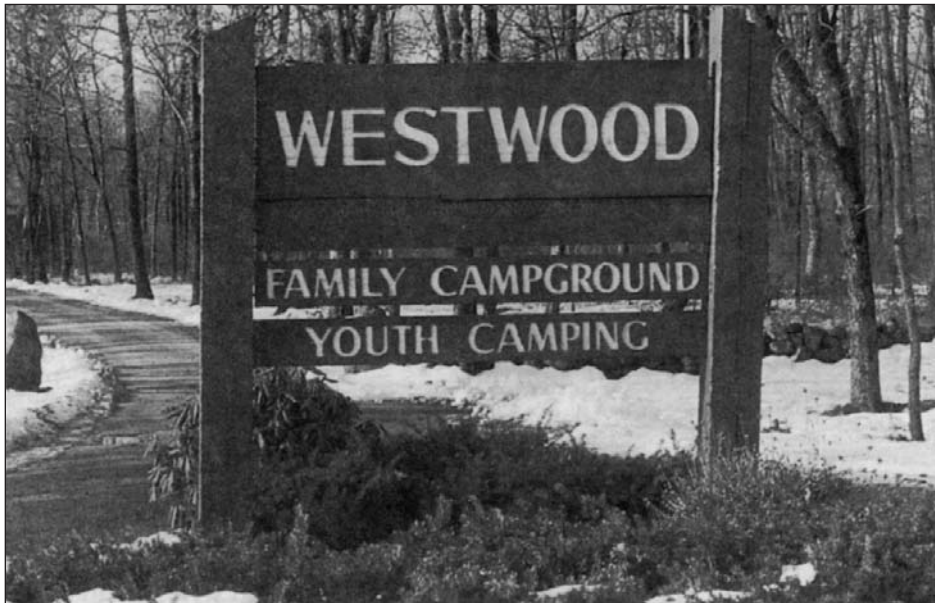


FLUSHMATE®

BRIEFING 6

A DIVISION OF SLOAN VALVE COMPANY

New System Eliminates Plumbing Overflows at Busy Summer Camp



The Westwood YMCA, nestled in an idyllic lakeside area about 30 miles from Providence, Rhode Island, plays host to thousands of campers and picnickers each year from May through September. Dramatic increases in the number of visitors to the 80-acre summer camp over the past two years, however, resulted in tremendous backups in the two bathrooms at the facility during two weeks in the summer.

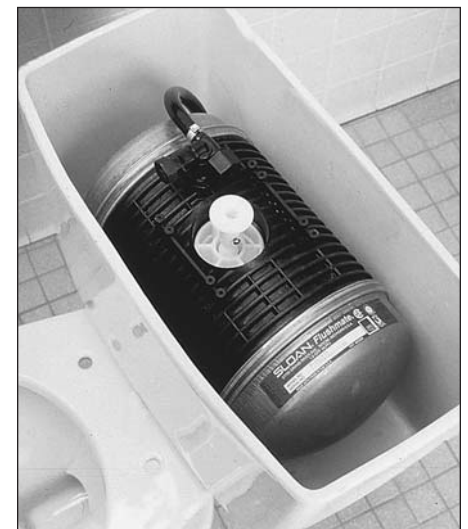
“Our problems had been getting worse over the years,” said Don Thomassen, executive director. Trouble peaked when a 25 percent increase in visitors caused severe septic system backups. “In

particular, we experienced problems during two weeks in the summer, when we had as many as 250 children a day at the camp,” Thomassen added. Maintenance personnel were called several times a day to handle stoppages in the YMCA’s 10 day camp water closets. Pumping the backup to another tank had worked in the past, but this time, Thomassen had to call in a septic company twice to pump out the tanks. “The water volume was so great that the septic system couldn’t handle it. Plus, the gravity fed toilets didn’t have enough kick to help clear the system, so we had constant blockages.

“Our backup problems were so severe that we considered installing a new septic system,” he continues, “but the cost was an estimated \$50,000-\$60,000. Finally, someone suggested that we consider pressure-assist toilets to help reduce water volume and to give us the extra boost we needed to keep the system clear. It worked.”

The Westwood YMCA selected the *FLUSHMATE®* pressure-assist system, which features a larger trapway for fewer clogs and greater safety. In addition, the larger water surface results in less staining, easing daily housekeeping chores.

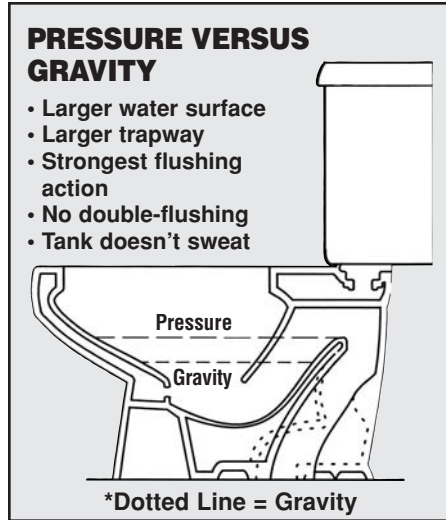
Although most water closets now only use 1.6 gallons per flush (gpf), the higher force of the



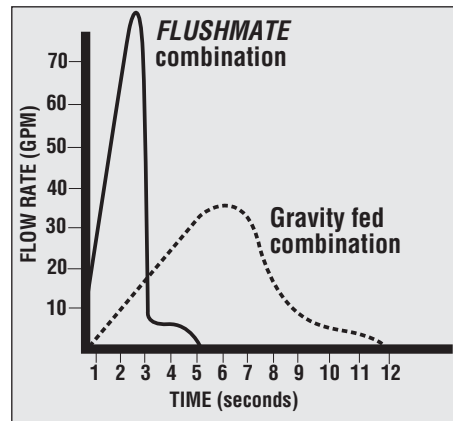
FLUSHMATE pressure system (70 gallons per minute [gpm]/265.0 Lpm vs. 25 gpm/95.0 Lpm common with gravity fed systems) conserves water by eliminating the double-flushing and leakage often found in gravity systems. In fact, based on test reports, gravity units necessitate double-flushing about 40 percent of the time, compared with *FLUSHMATE* systems, which clear the bowl after one flush 100 percent of the time. "We've found that maintenance calls to handle flooding and stoppages are about 5 percent of what they were before installation of *FLUSHMATE*," says Thomassen.

The key benefit for Westwood YMCA was the lower water volume, which alleviated the pressure on the septic system during the busiest weeks of the summer.

"We had no problems with the system this past summer, despite another 10 percent increase in the number of visitors," said Thomassen. "The *FLUSHMATE* system did all that we were hoping for, and our septic system had the first no-problem season in five years with a record amount of use and attendance!"



Thomassen adds that because Westwood YMCA had no service calls, the *FLUSHMATE* installation literally paid for itself.



The *FLUSHMATE* pressure-assist toilet produces a substantial reduction in total water consumption while maintaining extraction efficiency and drain line carry performance.

Thomassen intends to add *FLUSHMATE*-equipped toilets to some of the individual bathrooms in campground cabins as replacements become necessary.

FLUSHMATE-equipped pressure-assist toilets are available from leading manufacturers in a variety of colors and styles.

FLUSHMATE systems are available in 1.6 gpf (6 lpf) or 1.0 gpf (3.8 lpf) models. For more information on these systems, including *FLUSHMATE*'s automatic sensor flushing systems, please contact us or visit our website: www.flushmate.com.

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