





## Solution

P HMC's service engineer, Cortech Engineering, selected B M Pumps S series, solids handling pumps for the hospital's 12 sewage collection pits. The S series non clog pumps are engineered to shred waste materials with a tungsten carbide tipped cutting impeller that rips apart solids against a tooth edged spiral shaped diffuser plate. The shredding action and non clog impellers are perfectly suited for processing disposable wipes, rags, and other solids up to 2 inches in size.

S pumps are extremely reliable in harsh operating environments. Their three seal motor protection includes a lip seal installed above the impeller to prevent unwanted materials from entering the seal chamber. Also included are winding protection and NEMA Class F motor insulation that allows motor temperatures to rise up to 155°F. An automatic turn off switch ensures the motor cools off before resuming operations. Another important pump feature for P HMC is the Seal Minder moisture detection system for early notification of seal circuit failure.

P HMC installed two S pumps in a duplex arrangement with lifting chains for easy inspection and maintenance. Once installed, they achieved 95% PM with 100 ft head. The S pumps have been operating smoothly for 18 months.



## Features

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## Applications

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## RESULTS

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