



INDUSTRIAL
FLOW
SOLUTIONS™

CASE STUDY
BJMPumps®
Panoma, CA USA

Shredding Wipes & Cutting Costs: SK Series Pumps Keep Hospital Sewage Flowing



Problem

A 437-bed medical facility with 2,400 physicians and nurses in Panoma, CA, relied on seven sewage ejection pits to move wastewater into the municipal system. However, the hospital faced **chronic clogging** problems caused by “disposable” wipes and other non-flushable items.

With pumps running 24/7, **downtime** was frequent and costly. The pumps required repeated rebuilds and replacements, while **emergency maintenance calls**—often on nights, weekends, or holidays—cost the hospital \$4,500 to \$8,500 each time.

The hospital required a long-term solution that would reliably shred flushed solids, thereby reducing costly downtime and maintenance expenses.

Solution

The hospital's engineering partner recommended BJM Pumps® SK Series solids-handling shredder pumps for the hospital's 16-foot sewage ejection pits. The SK Series delivers continuous 360° shredding action, effectively **shredding wipes, rags, and solids** up to 3.5 inches in diameter.

The pumps are built for heavy-duty reliability, featuring three-seal motor protection, Class F insulation, winding protection, and the Seal Minder® moisture detection system for early warning of seal issues. Two SK pumps were installed in a duplex arrangement, achieving 570 GPM at 59 feet of head.

Since installation, the pumps have operated smoothly, **eliminating clogs** & emergency calls, and **reducing maintenance costs**.



Intelligent Pumping Solutions



BJM Pumps®, part of the Industrial Flow Solutions™ family, leads the industry with reliable, high-performance pump solutions. Committed to customer satisfaction, BJM Pumps® offers cutting-edge technology, expert support, and fast lead times. Whether it's high-temperature endurance, solids handling, or explosion-proof models, BJM Pumps® delivers tailored solutions for even the most challenging applications.

Why Choose BJM Pumps®?

- **Innovative & Reliable Solutions:** Built for harsh environments, ensuring minimal downtime.
- **Cost-Effective Performance:** Reduces maintenance and lowers total cost of ownership.
- **Tailored Solutions:** Handles abrasive slurries, caustic fluids, and temperatures up to 200°F.

Key Features & Offerings:

- **Shredder Solids Handling Pumps:** Built for industrial & municipal wastewater, handling large solids.
- **Explosion-Proof Pumps:** Safe & efficient for hazardous environments, from mining to pharmaceuticals.
- **Corrosion-Resistant Pumps:** Ideal for food & beverage, pharmaceuticals, and metal plating.

Available Approvals:

- CSA / CTUV
- FM

Available Materials:

- Stainless Steel
- Cast Iron
- Plastic

Pump Types:

- Corrosion-Resistant
- Explosion Proof
- High Temperature
- Sand, Sludge & Slurry
- Solids Handling
- Dewatering

Industries:



INDUSTRIAL
FLOW
SOLUTIONS™