

GPM-Eliminator Solutions Success Story

Made Tough™ GPM-Eliminator™ Applications: Water Treatment Plants

SUMMARY

With 30+ years manufacturing the toughest, most-reliable submersible slurry pumps found anywhere in mining, power generation, nuclear waste and numerous other industries. GPM has successfully implemented our GPM-Eliminator pumps into challenging water/wastewater applications, where other submersible pumps have failed. The GPM-Eliminator pump is made tough and built to last.

TYPICAL APPLICATIONS

Lime is often incorporated into the water treatment process to increase pH and remove calcium and magnesium salts. Listed below are some common applications where a heavy-duty pump is required:

Lime Softening Basin Pumps

- (2) SBLH3S10-4T4 submersible slurry pumps in lead lag operation pulling suction off first lime sludge tank transferring to a sister tank.

Lime Sludge Lift Pumps

- (2) SBLH3S15-4T4 submersible slurry pumps pulling suction off the bottom of the secondary settling tank from the discharge lime softening basin and discharges to the dewatering bin.

High Volume Dewatering Pumps

- (2) SHLH4S40-4T4 horizontal pumps pulling suction off the dewatering basin discharging to a final settling tank.

GPM-ELIMINATOR PUMP ADVANTAGES

- ✓ Handle slurries up to 70% solids
- ✓ Class H insulated motors standard for extended life and run-dry capabilities
- ✓ 28% Hi-Chrome 650 BNH liquid end for supreme abrasion and corrosion resistance
- ✓ Unique spray-hole sump agitation (standard on submersibles)
- ✓ Slide rail systems available

The GPM team provides direct support for system optimization and proper pump selection to maximize reliability reducing system downtime and operating costs.

CONTACT THE GPM TEAM TODAY - WE ARE SOLUTIONS DRIVEN!



GPM-Eliminator Submersible Pumps in Water Treatment Process



GPM-Eliminator Horizontal Dewatering Pump

