Case Study

Eradicator Restores Lift Station Reliability

Technology Utilized

Eradicator Solids Management System is designed to handle clog-prone sewage debris such as sanitary wipes, plastic bags, latex gloves, disposable masks, feathers, hair and sludge. By breaking up and passing solids more efficiently, the Eradicator reduces nuisance clogging and lowers overall life cycle costs. The system is available as a retrofit for any existing Gorman-Rupp Super T Series Pump.

How It Works:

- The Eradicator system features an aggressive self-cleaning wear plate incorporating a number of notches and grooves, as well as a patent-pending lacerating tooth that helps break up stringy materials and pass them through the pump without impacting performance or interrupting service.
- A special trash cover includes a patented lightweight inspection cover that can easily be removed if it is necessary to inspect the impeller

THE CHALLENGE

A municipality in Canada had a problem with “flushable” clogging their sewage pumps and negatively impacting the uptime of their sewage treatment system. The pumps were experiencing an excessive build-up of “flushable” wipes & rags, causing damage to the impellers. These blockages resulted in extra maintenance costs for the municipality due to frequent clogging of the pumps.

THE SOLUTION

Our pump application experts investigated the problem and recommended the Gorman-Rupp Eradicator Solids Management System to address the frequent clogging. The Eradicator system is designed to break up materials and pass them through the pumps, eliminating the blockage. Because the municipality already had two Gorman-Rupp T10 pumps installed, the Eradicator system was easily retrofitted. The upgrade helped reduce service and maintenance costs and eliminate unscheduled downtime, leading the municipality to upgrade all existing Gorman-Rupp Lift Stations to Eradicator Technology.

THE RESULTS

- **Eliminated Clogging**
- **Improved Uptime**
- **Reduced Service Calls & Associated Costs**

For more information on pump solutions for your unique mining operation, contact John Brooks

JOHN BROOKS
Keeping our world flowing™

1-877-624-5757 · johnbrooks.ca · industrialsales@johnbrooks.ca