



24/7 Monitoring and Treatment to Help Control Sanitizing Chemicals



Sanitizing chemicals can severely impair aerobic and anaerobic biological wastewater treatment system performance. Eclipse™ helps to:

- Avoid plant upsets and associated costs
- Maintain treatment system performance at optimal levels
- Reduce the amount of manual oversight required to respond to sanitizing chemical level changes resulting from spills, clean-outs, or operational modifications
- Identify trends in sanitizing chemical levels that can lead to operational improvements

Eclipse™ maintains optimal performance and prevents upsets by providing:

- In-line monitoring of quaternary ammonias (quats) or peracetic acid (PAA)
- Automated dosing with QK1000 quat neutralization chemistry or ChemTreat BL124 PAA neutralization chemistry
- Web-based data reporting and analysis platform to help you understand and diagnose threats to your system's health





Eclipse™ QK1000 Provides Rapid Quat Neutralization

QK1000 is a proprietary formulation that rapidly neutralizes cationic biocides. When used in conjunction with Eclipse™ skids, QK1000 can provide complete neutralization of quats.

- Biodegradable
- Low solids addition
- Low environmental toxicity
- Available in drums and totes
- Works on a broad range of cationics
- Simple pump and drum setup

Pain Points That May Be Addressed with Eclipse

- Inability to determine cause of performance degradation
- Excessive manual oversight required to react and respond to changes in sanitizing chemical concentrations

Case Study: Wastewater System Health Restored at a Dairy

A dairy was experiencing problems with the health of its biological treatment plant. Eclipse™ skids were installed to test for quat and PAA. Initial results showed PAA was the predominant sanitizing chemical in the waste stream. Using real-time data provided from Eclipse™, the customer found the PAA spikes corresponded to because of tanker truck cleanouts. Eclipse™ responded to these spikes and neutralized the PAA, restoring and maintaining waste system health.

Representative Eclipse Performance at Dairy

