FlowMark Technology Overview

The FlowMark Electronic Wastewater Treatment System applies adjustable energy pulses to the wastewater as it flows past the Treatment Pads mounted externally on the wastewater flow line. A precise energy level is applied to the water which neutralizes some of the negative charge holding colloidal particles in suspension.

Since some of the work has been completed electronically less coagulant and flocculant are required to complete the reaction. Considerable savings are the result.

In addition, FlowMark treatment reduces the surface tension of the wastewater allowing sludge to decant more completely which in turn limits the solids volume to be hauled away.

Reduced surface tension in Ultrafiltration applications allows increased water flow through membranes.

FlowMark Pre-Treatment Applications
- DAF Clarifiers
- Settling Clarifiers
- Lamella Clarifiers
- Ultra-Filtration

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