KISTLER-MORSE
Measure of Success

Application Note

Monitoring Waste Water at Food Processing Plants

Problem:
Due to EPA requirements, waste water flow must be monitored and measured. Contact methods of measuring flow require maintenance and calibration. Often the measuring device becomes congested.

Also, many municipalities will estimate sewage treatment costs based on potable water intake. These rates typically favor the municipality and not the actual effluent discharge.

Solution:
Continuous non-contact information using KM's ultra-*wave*™ ultrasonics and Sonocell/ultra-*cell* transducers on the primary device. Information can be displayed locally or transmitted to PLC/PC control systems using KM digital interfaces.

Benefits:

- Repeatable, continuous level readings in which to base current influent and effluent flows.
- Non-contact eliminates possible congestion.
- Easy to retrofit on existing flumes, weirs and other saving installation costs compared to retrofit costs for installing other devices.
- ultra-*wave*™ is capable of measuring flow as well as level for a multi-purpose, multi-functional device.
- Monitor actual effluent discharge, reducing water treatment costs.

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