

ODOR CONTROL IN FOOD PROCESSING WASTEWATER TREATMENT PLANTS

BIOLOGIC[®] SR2

THE CHALLENGE

Odor control, performance improvement and cost reduction.

OUR SOLUTION

Add BIOLOGIC[®] SR2 to a biological wastewater treatment system has been demonstrated to significantly increase the facility's operating efficiencies, dramatically reduce costs and eliminate odors, and improve effluent quality.

OUR PRODUCT

BIOLOGIC[®] SR2 is a micronutrient supplement containing a proprietary blend of natural biodegradable vitamins and trace mineral specifically engineered to stimulate desirable, naturally occurring bacteria present in wastewater treatment plants.

THE TREATMENT

Using BIOLOGIC[®] SR2 in your plant's wastewater system will eliminate odor, reduce sludge volumes, improve effluent quality (reduce BOD, TSS and FOG concentrations in effluent), and increase plant capacity while reducing costs.

Under typical wastewater conditions, these micronutrients are frequently the limiting factor for the growth and activity of desirable bacteria. With the addition of BIOLOGIC[®] SR2 the biological pathways are no longer inhibited due to the lack of essential micronutrients and as a result, biological activity and metabolism is substantially increased.

APPLICATION PROTOCOL

BIOLOGIC[®] SR2 is added to the wastewater plant and/or digester feed line at dosages recommended by SciCorp application specialist.

THE RESULTS

INCREASES PLANT CAPACITY

- Improves breakdown of solids
- Reduces fats, oils and grease
- Reduces sludge volume
- Reduces scum and foam formation
- Increases microbial population and activity rates

IMPROVES PLANT PERFORMANCE

- Improves BOD/SS removals in effluent
- Reduces oxygen requirements
- Improves performance of aerobic and anaerobic digesters
- Improves gas production
- Eliminates H₂S from biogas

ELIMINATES ODOR

- Improves public relations
- Improves workplace conditions

REDUCES COST

- Reduces energy consumption
- Reduces labor
- Reduces sludge handling and processing
- Reduces dewatering requirements
- Reduces transportation and disposal costs
- Immediate payback on product use



Made in Canada

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SCICORP[®]
SCICORP INTERNATIONAL CORP.



BIOLOGIC[®] SR2

- + Limited Capital Cost for Treatment
- + No Special Handling or Application Restrictions
- + Eco-Friendly
- + Long Shelf Life

NO Masking Agents
NO Bacteria
NO Enzymes
NO Toxic Chemicals