

# LEACHATE TREATMENT

## Odor Control and Performance Improvement

### Using BIOLOGIC™ SR2

#### THE CHALLENGE

**Odor control, performance improvement and cost reductions in leachate treatment at landfills and compost facilities.**

#### OUR SOLUTION

Adding BIOLOGIC™ SR2 to leachate treatment facilities has been demonstrated to significantly increase the facility's operating efficiencies, dramatically reduce costs and eliminate odors, improve effluent quality, and reduce sludge accumulation.

#### 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 leachate treatment facility 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 leachate at dosages recommended by SciCorp application specialist.

#### THE RESULTS

##### INCREASES LAGOON 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

- Lowers BOD/TSS/ammonia concentrations in effluent
- Reduces oxygen requirements
- Reduces your carbon footprint

##### 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

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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**