

MUNICIPAL WASTEWATER TREATMENT

SLUDGE ODOR CONTROL

MICHIGAN WWTP

PURE MICHIGAN[®]

WE SOLVE ODOR!

Take Back Control Of Odors At Your Facility
Increase Plant Capacity / Reduce Operating Costs



A large scale WWTP was experiencing high H₂S levels in their sludge that was causing major odor issues. The WWTP manager requested that SciCorp conduct a third party laboratory controlled study to evaluate the ability of BIOLOGIC[™] SR2 to control the sludge odors.

The Challenge/Problem

High levels of H₂S and mercaptans in the sludge of a large Detroit WWTP were causing major odor issues for the plant and surrounding neighbors. Specific issues included:

- Unsafe working conditions
- Increased odor complaints from neighbors
- Odor complaints at the landfill where the sludge was being disposed

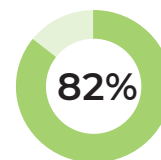
Testing Protocol

- ✓ The study was created using three different types of sludge: primary, blended, and thickened waste activated sludge.
- ✓ All analysis was carried out by ORTECH Consulting Inc., an independent odor assessment and analytical consultant.

Independent Odor Assessment Results (ORTECH)

BIOLOGIC[™] SR2 was found to out-perform all other competing products during all tests that were carried out.

All other mercaptans were reduced to the detection limit of the measurement instruments following treatment of the sludge with BIOLOGIC[™] SR2.



BIOLOGIC[™] SR2 was found to remove 82% of sludge odors from blended sludge that was tested.

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