

CASE STUDY

WASTEWATER TREATMENT WORKS

Agricultural effluent treatment on a working pig farm

South Africa



RESULT

99.7% E. coli reduction was achieved.

OVERVIEW

Agricultural effluent treatment on a working pig farm, achieving a 99.7% E. coli reduction.

THE CHALLENGE

Agricultural effluent from livestock operations carries high organic and bacterial loading that needs

ongoing management.

TREATMENT

Biological treatment was applied to the farm's effluent system.

Duration: Not specified in source brief

OBJECTIVES

- Reduce E. coli in farm effluent

SITE CONDITIONS

- Working pig farm effluent system.

RESULTS IN DETAIL



BEFORE



AFTER

99.7% E. coli reduction achieved.

VERIFICATION

Reduction percentage as stated in the approved copy brief; laboratory attribution not specified in the source.

WHY THIS MATTERS

This project extends Baczyme's case studies into agricultural effluent treatment, beyond municipal, estate and hospitality sites.

Managing livestock or agricultural effluent?

Discuss a biological treatment programme for your farm's effluent system.

Gary Hinde, Director · gary@baczyme.org.za · +27 82 552 7484