

MTHATHA CENTRAL PRISON PONDS & PUBLIC WORKS CASE STUDY



A. Dosing started March 2003

- Avantu has been servicing the above ponds since March 2003 as the prison is 345% overloaded resulting in the sewerage ponds been equally overloaded. The final discharge has always conformed to discharge standards since April 2003.
- By using Avantu Bioaugmentation Public Works reduced their sewerage maintenance costs by 60% (refer letter)



B. April/May 2003



C. May/June 2003



D. July/August 2003

IDIPHATIMENTI YEZEMISEBENZI YOMPHAKATHI
DEPARTEMENTE YA TŠA MEŠOMO YA SETŠHABA
DEPARTEMENT VAN OPENBARE WERKE
DEPARTMENT OF PUBLIC WORKS



REGIONAL OFFICE
KONKORANTOR
D-4 P.O. Box 2196
PORT ELIZABETH 6001
Tel: (041) 51 3411

REGIONAL OFFICE • PORT ELIZABETH • STREEKKANTOOR

Envirocare C C
P O Box 3904
RIVONIA
2128

041-572209
Fax:
Engelien
Nurwe
2196
Reference
Verwysing

ATTENTION: MR. L.E. BEAMS

Dear Luhmann,

SEWERAGE BIO-AUGMENTATION SERVICE

We have been utilising your sewerage maintenance service with Mr. Vernon Ludwig of your Port Elizabeth branch since November 1996.

The service he has been providing is the inspection and treatment of various S.A.P.S., Justice Departments, Prisons and Army Barracks with the view to doing a monthly maintenance on all the sewerage problems in the units.

Since Vernon has been doing this, our sewerage complaints have dropped to almost nil and more recently he has introduced rehabilitation of the sewerage ponds and surrounds.

The total service we are now experiencing from you has resulted in our sewerage maintenance cost reducing by up to 60% per month. Due to our understaffed situation, this has given our maintenance department more time in which to tend to other problems at the units.

As most of the units are experiencing an overloaded intake, the monthly dosing of Pitking and Fatking by your team is controlling the previously congested system and has prevented the continuous blockages and other problems we were experiencing have disappeared.

I would like to thank you and your company for the service we are receiving and hope that this relationship will continue.

Yours faithfully


Acting REGIONAL MANAGER

- The bioaugmentation section of the 2005 Public Works SAPS tender was based on Avantu products
- Public Works' Water Management & Chemical Laboratories have recommended Pitking and Fatking for sewerage rectification, September 2004