



Case Study

SERENGETI SAFARI PARK
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The aim was to reduce anaerobic sludge deposits near the edges of the water (sand banks), reduce odours, initiate water stabilisation and improve hygiene in the seal basin. Around 140 hoofed mammals, such as hippos, rhinos and elephants live and graze here, using the basin for drinking water. It is 2300m².

Treatment

After an on-site inspection, PLOCHER products were installed in the seal basin. By September 1999, improved water quality was both visible and measurable. As a result of its success, PLOCHER was extended to include a flamingo basin of 2300m² and a duck and water bird basin of 2400m². Plocher Water Kats, Bio-cats, and water products are used to treat the water basins. In addition, PLOCHER animal feed supplements are added to flamingo feed, which contributes to their health, and the area around the basin is treated with Plocher Komposter.

Result

Considerable improvements have occurred in all three basins:



Seal basin

- Reduced anaerobic sludge deposits
- No odours
- Improved water parameters
- Sharp drop in the occurrence of duckweed

Flamingo basin

- Reduction in sludge, algae and odour
- Improved water parameters
- Sharp drop in the occurrence of duckweed



Duck and water bird basin

- Reduced sludge deposits
- No odour
- Improved water parameters
- Sharp drop in the occurrence of algae