



BCP60

LAGOON TREATMENT

BCP60 CONTAINS STRAINS OF BACTERIA TO:

- PERFORM UNDER BOTH AEROBIC AND ANAEROBIC CONDITIONS;
- BIODEGRADE ORGANIC MATERIAL COMPRISED OF PROTEINS, FATS, CARBOHYDRATES AND SELECT HYDROCARBONS

BIOAUGMENTATION WITH BCP60 CAN:

- Reduce sludge;
- Reduce odours;
- Improve effluent;
- Fast start-up.

PRODUCT TEST

Introduction – A Southern Ontario vegetable processor utilizes two separate lagoon systems to handle the process water from the plant. One lagoon system recycles the water through the plant for a washing operation and then dumps into the other lagoon for clean up. The other is a once-through lagoon system that contains significant amounts of vegetable matter, which is then discharged to surface water.

The lagoons are aerated in all areas, but due to the organic loading in the water there are significant odours coming from the ponds. The odours are bad enough to cause complaints from staff working in the area and from the surrounding community.

Treatment – The lagoons were treated with BCP60 and STIMULUS to help lower the BOD levels and eliminate the smell. The BOD loading was reduced by almost 98% to a level of 10 ppm in one lagoon in about a week. The other lagoon showed better than 50% reduction in the same time period.

Results – The odours were eliminated within 2 days and remained so for the remainder of the treatment period (summer and fall).

SPECIFICATIONS

Description	Tan color, free-flowing granular powder
Packaging	250g water-soluble packages; 10kg plastic pail
Stability	Max. loss of 1 log/yr
pH	6.0 - 8.5
Bulk Density	0.5 - 0.61g/cm ³
Moisture Content	15%
Nutrient Content	Biological nutrients and stimulants
Bacteria Count	5 billion per gram
Storage and Handling	DO NOT FREEZE! Store in a cool dry location. Do not inhale dust. Avoid excessive skin contact. See MSDS.

- ALL NATURAL
- ENVIRONMENTALLY FRIENDLY
- SAFE AND EASY-TO-USE

BCP60

LAGOON
TREATMENT

APPLICATION INSTRUCTIONS

Lagoon Systems –

- **Facultative systems** – application rate is based on the lagoon surface area:

Day 1-3	20 kg/10,000m ² /day
Day 4+	2 kg/10,000m ² /day

- **Anaerobic systems** – Application rate is based on the total volume of the anaerobic lagoon

<200,000 L	1 kg -2x/week/10,000L
>200,000 L	0.5 kg -1x/day/10,000L

- **Lagoons in cold climates** – commence program when the water temperature is at least 50°F(11°C)

For further information about application contact your BIONETIX technical representative.