



# Managing Lakes, Ponds & Water bodies

Enhancing natural beauty, Caring for the aquatic ecosystem

## SOLitude in India

SOLitude Lake Management U.S.A. is managed through group company Rentokil North America and spreading operations in India via its Indian arm **Rentokil PCI**.

**Rentokil PCI**, a joint venture of Rentokil and PCI engages in a range of business solutions i.e. pest control, hygiene & well beings, aquatic ecosystem management

Rentokil PCI brings a 100-year-old legacy of trust, leadership, innovation and care in various solutions offered in India through nationwide network of 270 + establishments



## About group

**Rentokil Initial Group** provides a wide range of services to various customers across five geographic regions, across the world, run by experienced regional management teams.

Rentokil Initial has been Protecting People and Enhancing Lives across the globe for over 100 years, operating in more than 65 countries. A FTSE 100 listed company in the UK.



# Common Challenges in Ponds/Lakes

Growth of invasive algae & weeds, Decaying biomass generating foul odour, Low oxygen, Unsightly patches, loss of visual appeal

Water Turbidity, Water colouration, Suspended Solids, Micro Algae etc. reducing the water clarity



# Lake & Ponds management service goals

- Serve as an aid to larger cause - natural biodiversity and sustainability
- Maintain it in a healthy and aesthetically pleasing condition
- Improve the water quality & Enhance water clarity - easy view of aquatic lives
- Minimise presence of suspended organic matter, algae, dissolved organic materials
- Safeguarding the aquatic lives
- Support conservation initiatives for aquatic flora & fauna
- Make over & Restoration of Lake/Pond's natural beauty



# Offering Customised Solutions

- **Lake Monitoring by Biologist** - Visual inspections and assessments in Ponds or Lakes
- **Water Quality Monitoring** - Parameters like Dissolved Oxygen, pH Alkalinity, Hardness, Conductivity, Phosphates, Total Phosphorus, Turbidity etc. to workout the management strategy
- **Water Quality Enhancement** - Applying oxygenating products to mitigate the BOD, promote aerobic respiration, improve biological activities in the organic muck.
- **Water Quality Restoration:** Reduces eutrophication and removes free radical phosphorus from the water column, limiting the primary excess nutrient responsible for water quality degradation and excessive nuisance algae and invasive aquatic weed growth.
- **Biological Augmentation:** Inoculating combination of Beneficial Aerobic Bacteria, Enzymes, and other microbial or natural nutrient binders.
- **Turbidity Reduction /Nutrient Remediation of Lake/Pond Water**
- **Algae Management in water bodies** - micro and macro algae
- **Aquatic Weed Control** - Water hyacinth, duckweeds etc.
- **Supply, installation & Maintenance** of water aeration systems like Diffusers, Aerators, fountains, Oxygen Saturation Technologies - Nano bubbles system.

# Trained People & Globally Standardized Products

The team is trained in lake water management by Solitude Lake management of USA

Safety is prime in all activities - BOSIET trained and certified by Naval Maritime Academy.

Use of PFDs (personal Floatation Devices), High visibility vest, respiratory protection, non slip shoes, hand gloves and goggles are other mandatory equipments

Authentic equipments for the exact purpose on recommendation from Solitude

Trained and licenced electricians engaged

Products imported from USA - from Solitude



# *In Situ*

## Before



## After



# THANK YOU!

Contact us :

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