



Speciality No. **W1**

BIO-REMEDIATION CONTROLLER

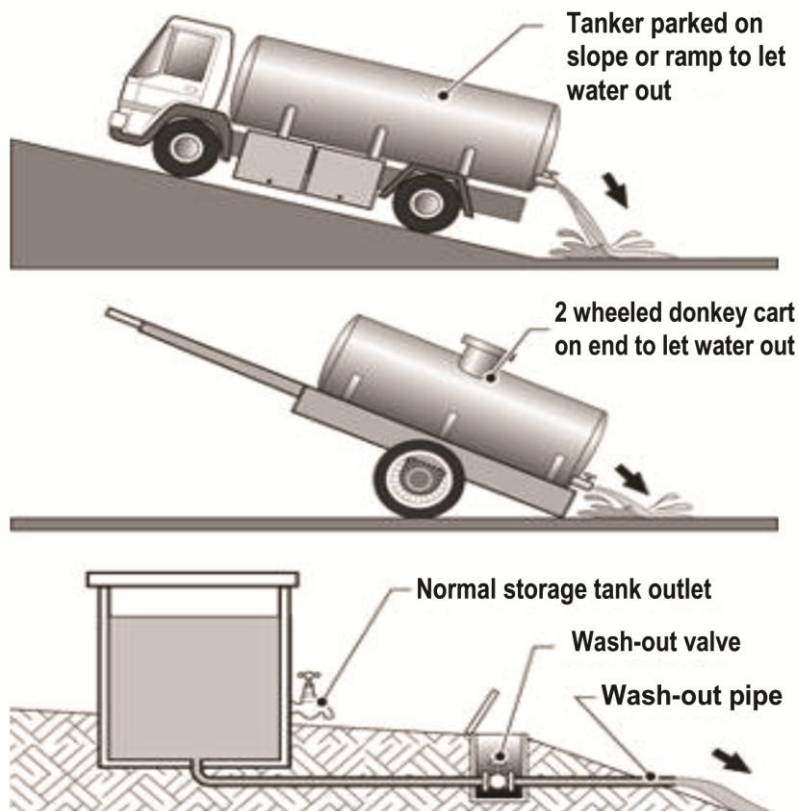
Application Areas: Algae control, nutrient management, odor control, and as Feed additive with Bio-Doze™ I2, I3 and I4 for water bodies.

Composition: Bio-Doze™ W1 is a Blend of Potassium mono per sulfate and colloidal silver respectively. W1 uses bio-electrochemical remediation process. The immobilization-based technologies are applied as engineered ex situ treatment systems as well as natural systems in situ for the bioremediation of groundwater, wastewater and soil. The applications are tailored for physico-chemical, molecular biological and eco toxicological approach to intensify biodegradation of relevant contaminants of wastewater and groundwater, e.g. Chlorinated Aliphatic Hydrocarbons (CAHs), Methyl Tert Butyl Ethers (MTBE), Tert Butyl Alcohol (TBA) and Benzene-Toluene-Ethylbenzene-Xylene (BTEX) and Endocrine Disrupting Chemicals (EDCs) and Pharmaceuticals.

Features & Benefits : W1 stabilizes the nitrogen cycle and improves the DO levels. It reduces sludge accumulation and improves the pond bottom. By controlling the DO demand it reduces the need of aeration and water exchanges. This reduces the energy costs along with the reduced need for sludge digesters and denitrifies. When used with Bio-Doze™ I2 and I3, the results bring dramatic reduction in the BOD level and complete odor control in water body. The main features of W1 are:

- Increases clarity and depth of lake water, water body
- Reduces green algae and water weeds
- Reduces nutrients, heavy metals and organic content
- Reduces sediment content in lake bed
- Improves dissolved oxygen in lake
- Improves recreational quality of water body

Method of Application & Dosage: Prepare a suitable dose by 1:100 to 1:200 (by Volume) dilution depending on the extent of area to be served. The method of application involve offshore applications and in shore applications. For inshore applications the dosages may be applied through a Boat. The off shore application may be applied as follows:



Limitations: Do not apply under low pH conditions.

Packing: In the unit sizes of 5 Kg and 25 Kg

Shelf Life & Storage: Shelf life is 9 months from the date of manufacturing in unopened condition. Store in a cool & dry place.

Health & Safety Precautions: No known skin effects. Do not take internally. Use with adequate ventilation. And avoid contact with eyes.

For more details please contact IKS PROJECTS & SERVICES (P) LTD. an ISO 9001:2008 Company

Building No. 20, Lane 7, Friends Colony, Industrial Area, Delhi-110095, India, Tel: +91-98719-22-877, +91-92123-00-877

Helpline: +91-11-2213-5784, Web.: www.bio-doze.com, www.bioremediations.com, Email: bio-doze@ikspstpl.com