

Multi-stage activated biological process

Nirosoft Industries Ltd., Israel, is offering an advanced and innovative method to treat domestic and industrial wastewater. The multi-stage activated biological process (MSABP) is based on spatial micro-organisms successions and trophic hydrobionts chains. A spatial micro-organisms succession purifies by means of aerobic and anaerobic destructor micro-organisms together with the conventional copiotrophs and oligotrophs providing for high purification of wastewater from organic and inorganic impurities.

The MSABP method is designed for high purification of domestic, farming and industrial wastewater contaminated by a broad variety of organic and inorganic compounds. It can be used to construct new purifying plants or for reconstructing existing ones to enhance productivity and purification levels. Advantages of MSABP include:

- High efficiency of domestic and industrial wastewater purification;
- Low operational costs;
- No primary/secondary settling;
- No waste activated sludge;
- High rehabilitation capacity and adaptivity of the attached biomass;
- Compactness;
- Full automation; and
- Low sensitivity to hydraulic and organic load change.

Contact: Nirosoft Industries Ltd., Industrial Park Galram, P.O. Box 259, Carmiel 20101, Israel. Tel: +972 (4) 9883 311/2; Fax: +972 (4) 9883 313; E-mail: nirosoft@netvision.net.il.

Website: www.export.gov.il