



*(Left) ITDI-EBD meets with CENMACO on their wastewater trickling filter project collaboration (Right) ITDI-EBD's prototype design for its bubble cap-type trickling filter system (Photos: ITDI-EBD)*

## **CENMACO signs up to filter wastewater in fruit plant**

The Central Macaroni Co. Inc. (CENMACO), known for the tropical fruits beverage brands Gina and Luzona, is working with the Industrial Technology Development Institute (DOST-ITDI) and DOST-NCR the setting up and operate a trickling filter system for the removal of nitrates and phosphates in its wastewater.

Vincent L. Kawsek, Manager of CENMACO, signed the agreement with ITDI Director Dr. Annabelle V. Briones and DOST-NCR Regional Director Jose B. Patalinjug III.

The filter system for removing nutrient salts will enable CENMACO to ensure that its business operation does not contaminate or pollute the environment.

The system prevents eutrophication, or the abnormal growth of algal blooms, in water bodies where wastewater may be released. Algal blooms can cause the inability of a water body to support life in it.

CENMACO, which turned 71 this year, is based in San Juan City. The company has been exporting juices in cans, purees, and extracts of Philippine tropical fruits.

*(RRUdelaCruz\DOST-ITDI S&T Media Service)*

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