

Emergency Disinfection System ensures potable drinking water

Bicutan, Taguig City – The Industrial Technology Development Institute (DOST-ITDI), through its Environment and Biotechnology Division, continues to develop technologies and systems that are useful in times of emergencies and disasters.



As an immediate response to their frequent occurrences, the DOST-ITDI developed an Emergency Disinfection System (EDS), which helps ensure the availability of potable drinking water during flooding, earthquakes, typhoons, and other catastrophes. With EDS, water-borne illnesses can be prevented, and chances of survival may increase.

EDS is a batch-type, mobile, and ready-to-use water treatment system. It has an integrated solar panel that provides a reliable and uninterrupted power supply that can be used in areas where calamities have disrupted or cut off electricity and water supplies.

The technology is now ready for transfer to interested parties. For inquiries, call or write: Ms. Nelia Elisa C. Florendo, Chief, Technological Services Division (TSD) at Tel.: (632) 837.2071 to 82 ext. 2265/2270 or Email: tsd@itdi.dost.gov.ph.

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