



**CERTIFIED ENVIRONMENTAL TECHNOLOGY
TECHNOLOGY TRANSFER ADVISORY**

**U.S Department of Navy Space and Naval Warfare Systems
Center
Benthic Flux Sampling Device**

Issued To:

Space and Naval Warfare
Systems Center
53560 Hull Street
San Diego, California 92512

Technology Description:

The technology is certified as an automated, in-situ water sampling device designed to collect data for quantifying the flux of trace metals, including arsenic, cadmium, copper, nickel, lead, and zinc across the sediment-water interface in marine and aquatic environments. The BFSD collects and filters discrete water samples periodically over a deployment period of up to four days, which are then preserved at the end of the deployment and delivered to an analytical laboratory for analysis. The technology provides a means to assess contaminant mobility by directly measuring and quantifying the contaminant flux across the sediment-water interface.

Certification No:

00-01-033

Effective Date:

November 18, 2000

Expiration Date:

November 18, 2003

DTSC Contact:

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A copy of the published Certification Statement may be obtained by contacting the Department of Toxic Substances Control at (916) 322-3670 or on the Internet at http://www.dtsc.ca.gov/ScienceTechnology/TechCert_index.html.