

Microplastics Found in Salmon and Bivalves from the Salish Sea

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Abstract : Plastic contamination of the oceans has become a global concern. Created during the breakdown of plastic or direct production, microplastic can be ingested by animals. This study aimed to assess the abundance of microplastic contamination in native salmon and bivalve species collected from the Salish Sea near the mouth of the Fraser River. Samples collected from May 2022 to September 2023 show that microplastic contamination was present in both salmon and bivalves. The most common were coloured microfibers, making up about 85% of the total microplastics, and the rest were uncoloured fibers and a few irregularly shaped microplastics.

Keywords : microplastics, microplastics in bivalves, microplastics in salmon, Salish Sea

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