



Ministry for the
Environment
Manatū Mō Te Taiao

Urban stream water quality - trends - 2008–15

Title

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Publisher

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Description

Urban water quality indicators include heavy metals, nutrients, and E.coli. The concentrations of these indicators are compared to the proportion of urban land cover in catchments. Zinc and copper are heavy metals that can accumulate in sediments, shellfish, and other aquatic organisms. Metals can reach toxic levels in organisms making them unsafe to eat and can be toxic to aquatic life. Nitrogen and phosphorus are nutrients that can cause excessive algal growth. Ammonical nitrogen and nitrate-nitrogen can be toxic to aquatic life if concentrations in streams are high enough. E.coli is an indicator of disease-causing organisms, which may affect human health and recreational values in streams. File contains trend analyses by site for water quality indicators in Auckland, Wellington, and Christchurch over the period 2008–15.

Source

Auckland Council, Greater Wellington Regional Council, and Christchurch City Council

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Coverage

Auckland, Wellington, and Christchurch, 2008–15

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Dataset

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Subject

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