Grades and Approvals Guide

Time series information sourced from our internal database via Springboard, Web Portal or the Application Programming Interface (API) should only be used once its fitness for purpose is understood. It is the user's responsibility to determine if the provided data is appropriate for it intended use and communicate any assumptions in its use.

It is critical that an understanding of the data collection methodologies used, data limitations and intended purpose of the original data sets are known by the end users. Auckland Council implements a Grade (quality code) schema that provides insight and detail for the end user of the provided data sets and highlights any need to review supplementary data comments or other associated metadata.

The Grades used conform to a nationally consistent quality code schema and will enable end users to consistently utilise and/or review environmental data sourced from multiple Councils and organisations throughout New Zealand.

The application of Grades does not preclude data from change into the future due to improved knowledge about the data and its interpretation is collected.

Grades

Grades associated with data are quality codes that conform to National Environmental Monitoring Standards (NEMS) which are available at http://www.nems.org.nz. However, NEMS do not exist for all measurements as their existence is only relatively recent and some are either in current development or yet to be developed as demands occur. Grades codes associated with data are:

Grade	Description	Meaning
100	Missing	Data is missing.
200	Non-verified	Data is either yet to be verified or does not have a relevant NEMS to verify data against.
300	Synthetic	Data is estimated from any of the following: • relationships • calculations or models, or • limited measured data
400	Poor	Measured data has been compromised in its ability to represent the monitored parameter and/or has been significantly modified.
500	Fair	Data that doesn't meet full standards but considered to be a fair representation of the monitored parameter.
600	Good	Data measured to standards at the time of acquisition. Data is considered a good representation of the monitored parameter.