



Transition to NZVD2016

Background

From 1 August 2025, NPDC will transition from accepting elevation coordinates in Taranaki Datum 1970 (TARA1970) to New Zealand Vertical Datum 2016 (NZVD2016). All deliverables to NPDC should be requested and provided in NZVD2016 from this date. This change will primarily affect developers, contractors, and consultants where elevation reduced levels (RLs) are provided for consents or infrastructure projects.

Services affected:

- Consent requirements where elevation information is provided.
- NPDC contract requirements where elevation information is provided.
- NPDC GIS external viewer where elevation information is displayed.
- NPDC GIS Open Data portal where elevation information is displayed.

FAQs

Does this change affect my current consent or contract requirements?

There will be a transitional period for deliverables. NPDC will accept elevation information either datum when TARA1970 is stated in existing contract or consent conditions. However, our preference is NZVD2016 for all deliverables after 1 August.

Why make this change?

Transitioning to NZVD2016 allows NPDC to record and manage elevations in the official datum recognised by LINZ. This has the benefits of simplified deliverables to Council, as well as dataset aggregation for national reporting. See LINZ website for further details.

How does this affect future consents?

A consent condition will be added to specify that elevation information must be provided in NZVD2016.

I have further questions

Contact EDMS@npdc.govt.nz.