



Canterbury Earthquake Recovery Authority

18 JAN 2013

Judy Grindell
fyi-request-708-d60fae2e@requests.fyi.org.nz

Ref: CER/479

Dear Judy

Thank you for your Official Information Act 1982 request, received on 20 December 2012. You requested the following:

"I would like data for the criteria, 'tipping points' or parameters for each criterion, the weighting given to the various criteria within the decision framework, the margins of error for each and how these margins were factored into the decision.

I would also like the same data relating to the areas along Kibblewhite Street and estuary end of Beatty Street in South New Brighton to explain why these areas were zoned TC3.

Please inform me whether these were subjective decisions."

The decisions that have been made were done so objectively. Green zones were declared where geotechnical experts had a high level of confidence that there were foundation solutions available to address damage to properties on an individual basis. For example, as per the Department of Building and Housing technical category guidelines, foundation solutions have been developed for residential properties with expected future global lateral movement of up to 500mm across the property or/and lateral stretch below the building footprint under Ultimate Limit State loading conditions of up to 500mm.

No analysis was done for individual properties per se, but performance of the land was determined from obtained geospatial and geotechnical data and observations on the ground by engineering specialists.

In a reply to you dated 24 September 2012, we provided a link to the Department of Building and Housing's *Interim guidance for repairing and rebuilding foundations in Technical Category 3, Appendix 3*. Please see section C2.2 'Lateral spreading and other lateral ground movements in TC3' on pages 13-17 of that document, which explains the expected performance of TC3 foundations, ULS and lateral ground movement (referred to above). The document also provides information on land performance.

In a reply to you dated 12 September 2012 we explained that your request for data related to TC3 areas in South New Brighton, and in particular Kibblewhite Street and Beatty Street, were more directly linked with the functions of the Building and Housing Group within the Ministry of Business, Innovation and Employment (MBIE).

That part of your previous request was transferred to the MBIE under section 14(b)(ii) of the Official Information Act and you should receive a reply directly from MBIE.

There is no further information CERA can offer you about this matter. We hope that this reply, when considered in conjunction with previous correspondence and your meeting with Dr Jan Kupec, provides the information you require.

You have the right to ask the Ombudsman to investigate and review my decision under section 28(3) of the Official Information Act.

Yours sincerely

A handwritten signature in black ink, appearing to be 'BS' with a long horizontal stroke extending to the right.

Benesia Smith
Acting Chief Executive