

## **Independent limited assurance report in relation to Ravensdown Limited's greenhouse gas emissions inventory (including scope 1, scope 2 and certain scope 3 emissions from transportation) for the year ended 31 December 2017**

To the Directors of Ravensdown Limited ('Ravensdown')

We have carried out a limited assurance engagement in order to state that nothing has come to our attention that causes us to believe that Ravensdown's greenhouse gas ("GHG") emissions inventory ("GHG inventory") (including scope 1, scope 2 and certain scope 3 emissions from transportation) for the year ended 31 December 2017 on pages 9 and 23 of Ravensdown's 2018 Stakeholder Review report, has not been reported, in all material respects, in accordance with the criteria.

As requested by you our assurance procedures did not include the GHG emissions from the activities under the operational control of C-Dax Limited, Spreading Sandford Limited, Spreading Canterbury Limited, Spreading FBT Limited, Spreading Northland Limited, Mainland Spreading Limited, Ravensdown Shipping Services Pty Limited and New Zealand Phosphate Company Limited ('the specified entities').

### **Criteria**

The following criteria have been applied to the subject matter described above:

- ▶ Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard
- ▶ New Zealand Ministry for the Environment: Guidance for Voluntary Corporate Greenhouse Gas Reporting 2016 (together 'the criteria').

### **The responsibility of management**

The Management of Ravensdown is responsible for the preparation and presentation of the GHG inventory in accordance with the above criteria, and is also responsible for the selection of methods used in the criteria. No conclusion is expressed as to whether the selected methods used are appropriate for the purpose described above. Further, Ravensdown's management is responsible for establishing and maintaining internal controls relevant to the preparation and presentation of the GHG inventory that are free from material misstatement, whether due to fraud or error; selecting and applying appropriate criteria; maintaining adequate records and making estimates that are reasonable in the circumstances.

### **Ernst & Young Limited's responsibilities**

Ernst & Young Limited's ('Ernst & Young') responsibility is to express a limited assurance conclusion in accordance with International Standard on Assurance Engagements (New Zealand) 3410 Assurance Engagements on Greenhouse Gas Statements ('ISAE (NZ) 3410') and ISAE (NZ) 3000 (Revised) Assurance Engagements Other Than Audits or Review of Historical Financial Information ('ISAE (NZ) 3000') issued by the External Reporting Board of New Zealand.

### **Basis of our statement**

ISAE (NZ) 3000 requires that we comply with the professional and ethical standards issued by the External Reporting Board of New Zealand, and that we plan and perform our engagement to provide limited assurance in order to state that nothing has come to our attention that causes us to believe that the GHG inventory has not been reported, in all material respects, in accordance with the criteria.

A limited assurance engagement includes making enquiries and performing analytical procedures and the nature, timing and extent is less than would be undertaken for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed. The procedures performed depend on our judgement including the risk of material misstatement of the GHG inventory, whether due to fraud or error. In developing our understanding of the subject matter, we developed an understanding of management's internal controls over the preparation of the GHG inventory in order to design assurance procedures that are appropriate in the circumstances, not for the purpose of expressing a conclusion as to the effectiveness of Ravensdown's internal control over the preparation of the GHG inventory. Additionally, non-financial data may be subject to more inherent limitations than financial data, given both its nature and the methods used for determining, calculating and sampling or estimating such data.

Our procedures did not include testing controls or performing procedures relating to checking aggregation or calculation of data within IT systems, which would have been performed under a reasonable assurance engagement.

## Summary of review procedures performed

A review consists of making enquiries, primarily of persons responsible for preparing the GHG Inventory data and related information, and applying analytical and other review procedures.

Our procedures included, but were not limited to:

- ▶ Conducting interviews with personnel to understand the process for collecting, collating, and reporting the GHG inventory data during the reporting period;
- ▶ Checking that the methodologies for GHG emissions have been correctly applied as per the criteria;
- ▶ Undertaking analytical review procedures to support the reasonableness of the data;
- ▶ Identifying and testing assumptions supporting the calculations performed by Ravensdown;
- ▶ Tested, on a sample basis, underlying source information to check the completeness and accuracy of the data;
- ▶ Performing recalculations of the GHG emissions to confirm quantities stated were replicable;
- ▶ Reviewing the appropriateness of the presentation of disclosures.

We believe that the evidence we have obtained is sufficient and appropriate to provide a basis for our limited assurance conclusion.

## Independence, competence and experience

Ernst & Young applies Professional and Ethical Standard 3 *Quality Control for Firms that Perform Audits and Reviews of Financial Statements and Other Assurance Engagements (Amended)*, and we have complied with the independence and other ethical requirements of Professional and Ethical Standard 1 *Code of Ethics for Assurance Practitioners (Revised)*. We have the required competencies and experience to conduct this assurance engagement.

## Limited assurance conclusion

Based on the evidence obtained from the procedures we have performed, as described in this report, nothing has come to our attention that causes us to believe that Ravensdown's (excluding the specified entities) GHG inventory for the year ended 31 December 2017 has not been reported, in all material respects, in accordance with the criteria.

## Restrictions on use of our Report

We disclaim any assumption of responsibility for any reliance on this assurance statement or on Ravensdown's greenhouse gas emissions inventory to which it relates, to any person other than the Directors of Ravensdown, or for any purpose other than that for which it was prepared.

Any other party seeking to use this report does so at their own risk, and we disclaim all responsibility to any other party for any loss or liability that the other party may suffer or incur arising from, or relating to or in any way connected with the contents of our report, the provision of our report to the other party or the reliance on our report by the other party.

Ernst & Young Limited



Graeme Bennett  
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2 August 2018