

Our Reference: 18255

Your Reference:

10 August 2020

The Directors
Great River NSW Pty Ltd
Level 1, 2 Barrack Street
Sydney NSW 2000

Dear Sirs,

**Nepean Business Park, 2 Year Plan
Filling Quantities**

I refer to our drawing set C2000-C2009 (Rev 11) under GCA Ref: 18255C.

We have estimated 2,024,000 tonnes of material between the proposed surface contours and the existing (natural) surface (at 1 May 2020). This is calculated by multiplying a raw volume of 920,000m³ between the two surfaces by a nominal placed and compacted density of 2.2 tonnes per m³.

Having regard for the area of fill to be placed (45.5 ha), we recommend that the approval is based on a gross import volume of 3,350,000 tonnes, comprising:

| | |
|-------------|---|
| 2,024,000 t | Raw calculated fill |
| 900,900 t | Allowance for settlement (average 0.9m across site) |
| 200,200 t | Allowance for survey accuracy (0.2m) over 45.5ha |
| 224,900 t | Contingency |
| 3,350,000 t | Total |

Yours sincerely,



Adam Shaw

Principal Engineer / Director
GCA Engineering Solutions