

From: Caroline Jeffery [REDACTED](#)
Sent: 17 June 2024 18:48
To: Daryl Packer [REDACTED](#); [REDACTED](#) <[REDACTED](#)>
Subject: RE: Landbank Reserves

Dear Daryl,

The sand and gravel landbank of permitted reserves in Norfolk is calculated from the latest published Norfolk Local Aggregate Assessment (LAA) figures. The most recent Norfolk LAA contains the position at 31.12.2022 and is published online at: [Annual Monitoring Reports - Norfolk County Council](#). The method used to calculate the landbank is set out in section 2.3.4 of the LAA, but in order to calculate the landbank position in any given month, we have to do a separate calculation to update the figures.

Until survey data from mineral operators for 31.12.2023 is available (it is currently being collated by the British Geological Survey for the Department of Levelling-Up, Housing and Communities) we calculate the landbank as follows:

Landbank of permitted reserves at 31.12.2022 = 17.954 million tonnes (as stated in section 2.3 of the Norfolk LAA)

The forecast rate of extraction per year is 1.554 million tonnes (as set out in section 2.3.4 of the Norfolk LAA). Therefore one month of extraction is calculated to be 0.1295 million tonnes. It is relevant to note that the actual rate of extraction in any year may be different to the forecast rate of extraction, but the actual rate will only be known once data has been collated from all mineral operators for that year.

To calculate the landbank at the end of May 2024 we subtract 17 months of forecast extraction rate (2.2015 million tonnes) - to cover the period from 31.12.2022 to 30.05.2024 - from the landbank at 31.12.2022 (17.954 million tonnes), which gives a remaining landbank figure of 15.752 million tonnes at 30.05.2024.

However, additional reserves have also received planning permission since 31.12.2022 so we then need to add them on to the landbank figure. Permission FUL/2021/0007 adds 0.775 million tonnes and permission FUL/2022/0021 adds 1.551 million tonnes, so a total of 2.326 million tonnes additional reserves permitted.

So the total calculated landbank of permitted reserves at 30.05.2024 is:

17.954 million tonnes (permitted reserves at 31.12.2022) minus 2.2015 million tonnes (forecast extraction in 17 months from 31.12.22 to 30.05.2024) plus 2.326 million tonnes (additional reserves permitted since 31.12.2022) = 18.0785 million tonnes landbank of permitted reserves at 30.05.2024.

We then divide the landbank of 18.0785 million tonnes by the forecast extraction rate of 1.554 million tonnes per annum, which gives a landbank of 11.6 years at the end of May 2024.

Kind regards

Caroline Jeffery, Principal Planner (Minerals and Waste Policy)
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From: Daryl Packer <REDACTED>
Sent: Sunday, June 16, 2024 12:05 PM
To: Caroline Jeffery <REDACTED>; REDACTED<REDACTED>
Subject: Landbank Reserves

WARNING: External email, think before you click!

Caroline/Andrew

1. The Officer's Report for the recent application (REF) states:
"As of 31 May 2024, the sand and gravel landbank of permitted reserves in Norfolk is calculated to be 11.6 years"

Would either of yourselves be so kind as to forward either a link or the doc. itself, that contains the above reserve data please.

Regards

Daryl.

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