



28/10/2022

Amit Rabheru
McCarthy & Stone
Prospect Place
85 Great North Road
Hatfield, AL9 5DA

Dear Amit

Re: Biodiversity Net Gain (BNG) Assessment – Former Bowls Club, Church Walk, Gravesend

This letter is provided to summarise the results of the BNG assessment for the above site, which has been completed using the accompanying Defra Biodiversity Metric 3.1 calculation tool.

The pre-existing site area (data is included within the A-1 Site Habitat Baseline and B-1 Site Hedge Baseline pages in the spreadsheet) consists of (most suitable/appropriate selections from the limited options available): '*Urban - developed land; sealed surface*' i.e. existing buildings/hard standing, '*Grassland - modified grassland*' i.e. amenity grassland, '*Urban – introduced shrub*' i.e. soft landscaping and '*Urban – urban trees*' i.e. trees that are outside of the tree line to the north, along with '*hedge – ornamental non-native*' i.e. hedging around the bowls club, '*line of trees*' i.e. trees on the northern boundary that are grouped together since they're all being retained and '*native hedgerow*' i.e. ash-dominated hedgerow on the eastern boundary.

This equates to an on-site baseline score of 1.74 habitat units and 0.85 hedgerow units, as identified in the Headline Results page in the spreadsheet.

The post-construction site area (data is included within the A-2 Site Habitat Creation and B-2 Site Hedge Creation pages in the spreadsheet) consists of (most suitable/appropriate selections from the limited options available): '*Urban - developed land; sealed surface*' i.e. existing buildings/hard standing, '*Grassland - modified grassland*' i.e. amenity grassland, '*Urban – artificial unvegetated, unsealed surface*', i.e. Permeable paving, '*Urban – introduced shrub*' i.e. soft landscaping, '*Grassland – other neutral grassland*' i.e. the mosaic of flowering lawn, proposed native buffer, meadow mix and wet tolerant meadow mix, and '*Urban – urban trees*' i.e. new trees, along with '*native hedgerow*'.

This equates to an on-site post-intervention score of 2.29 habitat units and 1.51 hedgerow units, as identified in the Headline Results page in the spreadsheet.

Overall, according to the calculation tool, the proposals will result in an on-site net change of 31.71% for habitat units and 77.91% hedgerow units, which satisfies the trading summary criteria as confirmed in the Trading Summary page in the spreadsheet and exceeds the 10% BNG target.

Yours sincerely

A handwritten signature in black ink, appearing to read 'MF', is written over a faint, large, diagonal watermark that says 'Gravesend Council'.

Marcus Fry BSc MSc MCIEEM
Director

Appendix 1: Summary of the BNG calculation

Former Bowls Club, Church Walk, Gravesend Headline Results		Return to results menu
On-site baseline	<i>Habitat units</i>	1.74
	<i>Hedgerow units</i>	0.85
	<i>River units</i>	0.00
On-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>	2.29
	<i>Hedgerow units</i>	1.51
	<i>River units</i>	0.00
On-site net % change (Including habitat retention, creation & enhancement)	<i>Habitat units</i>	31.68%
	<i>Hedgerow units</i>	77.91%
	<i>River units</i>	0.00%
Off-site baseline	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Off-site post-intervention (Including habitat retention, creation & enhancement)	<i>Habitat units</i>	0.00
	<i>Hedgerow units</i>	0.00
	<i>River units</i>	0.00
Total net unit change (including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	0.55
	<i>Hedgerow units</i>	0.66
	<i>River units</i>	0.00
Total on-site net % change plus off-site surplus (including all on-site & off-site habitat retention, creation & enhancement)	<i>Habitat units</i>	31.68%
	<i>Hedgerow units</i>	77.91%
	<i>River units</i>	0.00%
Trading rules Satisfied?	Yes ✓	