



Key:

- LA Boundary
- Modelled Flood Zone 3a Extent
- Modelled Flood Zone 3a+CC Extent
- EA Flood Zone 2 Extent

- 1 Historical Flooding from the Black Brook
- 2 Flood Zone 3 revised in this area

Note: For the Black, Burleigh and Wood Brooks, the 1% flood with a 20% increase in flows has been used to produce the Flood Zone 3a + Climate Change scenario flood extent. On the Black Brook comparison of the extents has shown a depth increase of up to 0.38m and on average 0.10m. The lateral extent typically increases by between 10 and 30m.



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Project Path: G:/MODEL/PROJECTS/HM-250/20451/ArcGIS/Report Figures/20451-S66 Charnwood Black Brook 3a climate change.mxd

Charnwood Borough Council
Charnwood SFRA

Figure 4.19
Black Brook, Burleigh Brook & Wood Brook - Comparison of extents of modelled Flood Zone 3a and Flood Zone 3a + climate change

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Entec