

Appendix A Collection of Flood Maps and Figures

Figure 1 Site Location Map (Source: Ordnance Survey Online Maps)

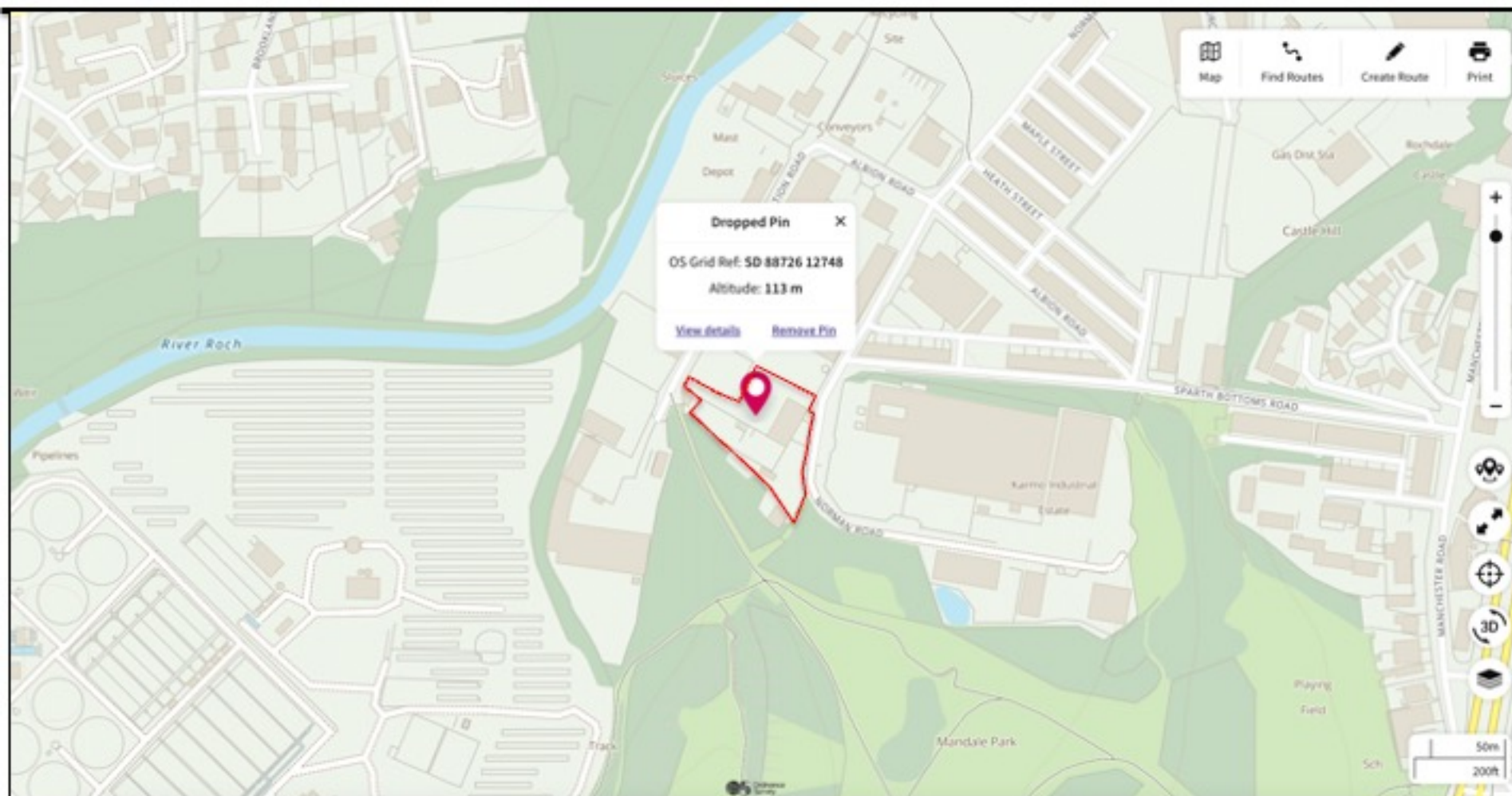


Figure 2 Site Location Map (Source: Google Maps)



Figure 3 Geological Map of the Site
(Source: British Geological Survey Geological Britain Viewer)



Bedrock geology description:

Pennine Lower Coal Measures Formation - Mudstone, siltstone and sandstone. Sedimentary bedrock formed between 319 and 318 million years ago during the Carboniferous period.

Superficial deposits description: Alluvium - Clay, silt, sand and gravel. Sedimentary superficial deposit formed between 11.8 thousand years ago and the present during the Quaternary period.

Figure 4 Environment Agency's Flood Map

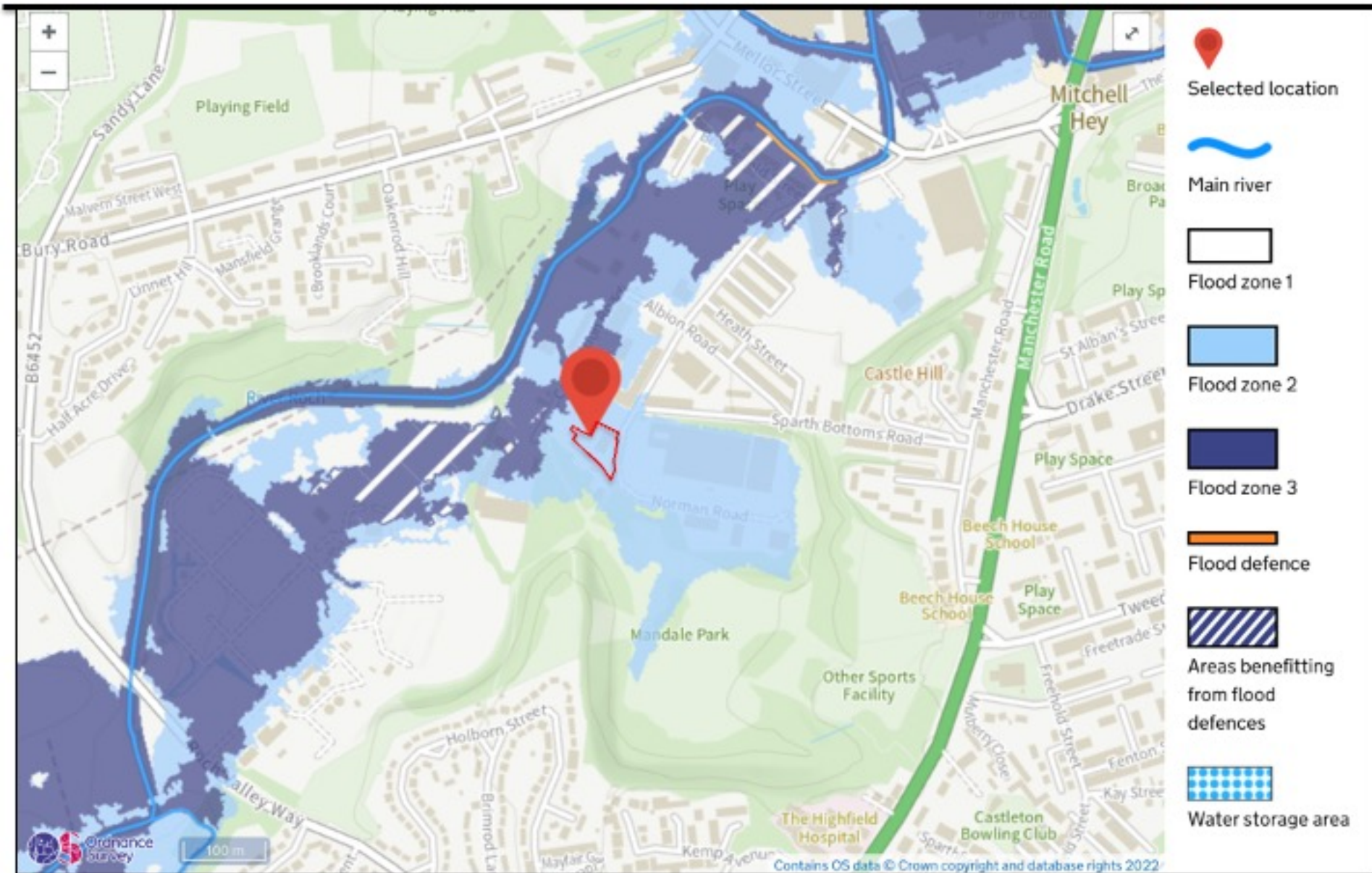
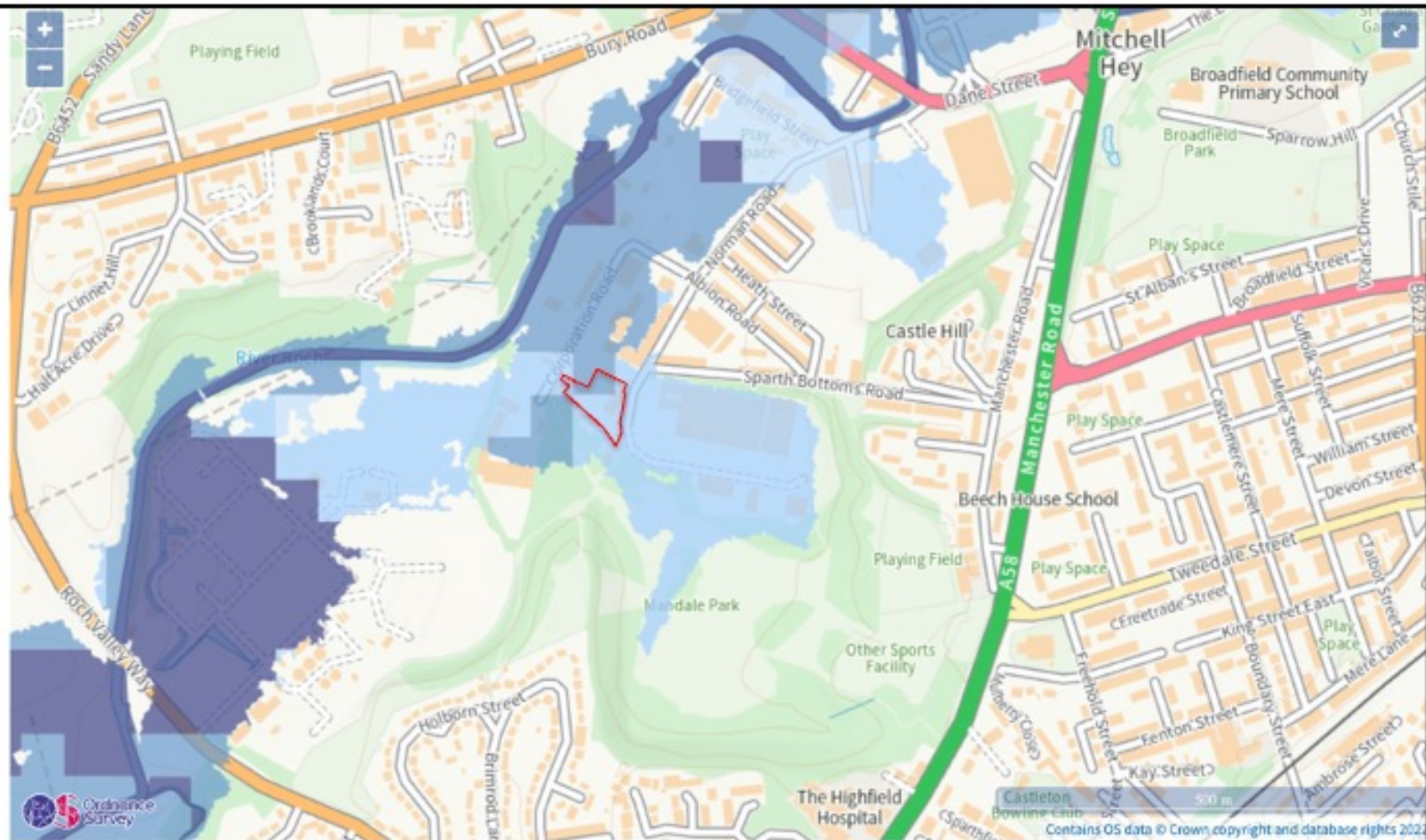


Figure 5 Environment Agency's Flood Risk Map



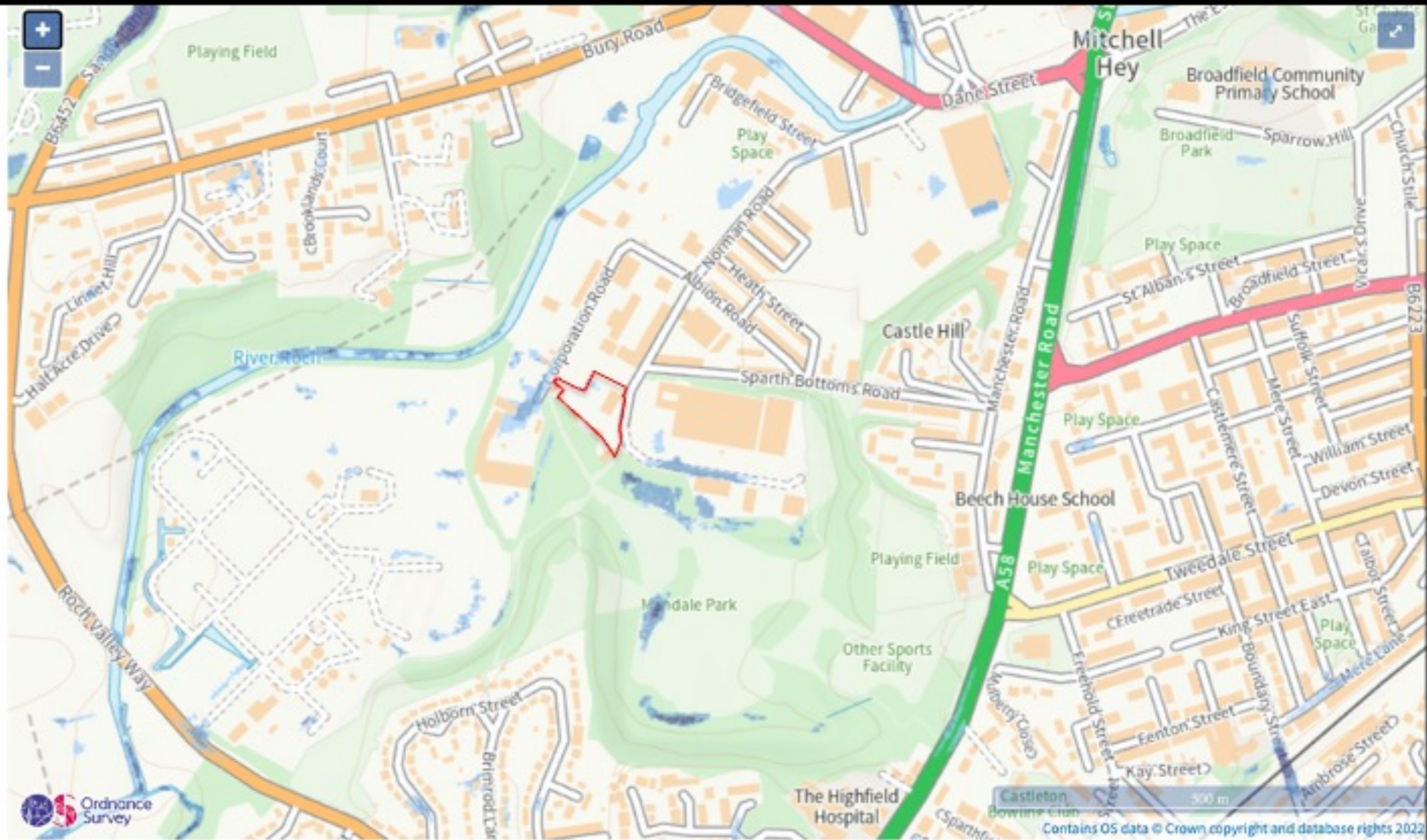
Extent of flooding from rivers or the sea

High Medium Low Very Low

Figure 6 Environment Agency's Surface Water Flood Risk Map



Figure 7 Environment Agency's Surface Water Flood Depth Map



Surface water flood risk: water depth in a high risk scenario

Flood depth (millimetres)

Over 900mm 300 to 900mm Below 300mm

Figure 8 Environment Agency's Reservoir Flood Risk Map



Maximum extent of flooding from reservoirs:

when river levels are normal when there is also flooding from rivers

Figure 9 Environment Agency's Flood Warning Area Map

