

## DELOITTE ENVIRONMENTAL STATEMENT 2020 PAGES 40 AND 52

Table 1.7 – Assessment of Significance of Potential Effects during Construction

Potential Impact	Applicable Part of Site/Receptor	Direct/Indirect Effect	Significance of Unmitigated Impact
[1] Permanent loss of soils/natural strata and minerals through construction/excavation. In particular, the sterilisation of shallow coal reserves as a consequence of development	Whole site	Direct	Minor adverse
[2] Introduction of additional contamination into soil, surface and groundwater during construction phase as a result of accidental spillages i.e. fuels and construction materials	Whole site	Direct	Minor adverse
[3] Introduction of silt and construction contaminants or other debris during excavation or from uncontrolled site runoff into streams and drainage channels which discharge into Hey Beck	Controlled waters	Direct and indirect	Moderate adverse
[4] Impact on construction workers as a result of excavation into potentially contaminated soil/groundwater i.e. made ground, where present	Construction workers	Direct	Minor adverse
[5] Impact on construction workers as a result of excavations into and treatment of unrecorded unstable mining features i.e. shafts and unrecorded shallow coal workings	Construction workers	Direct	Moderate adverse
[6] Impact on construction workers and site neighbours from the generation of dust from excavation and stockpiling of construction materials including made ground and natural soils	Construction workers, site neighbours	Direct	Minor adverse

Important Ecological Feature	Predicted Likely Impact(s)	Likely Significance
Dum Wood & Dogloitch Wood LWS, SWS, KWHN (District)	Increased pressure on woodland by new residents. Trampling of diverse woodland ground layer.	Major negative
Hedgerows (Local)	Inappropriate management	Minor negative
Watercourse (Local)	Inappropriate management Use of herbicides and pesticides. Release of none-native flora/ fauna.	Moderate negative
Breeding Bird (District)	High levels of light disturbance leading to long term displacement of many species  Increase in urban habitats could lead to increase in some species	Moderate negative
Invasive Non-Native Species (Local)	Increased spread of invasive weeds throughout publically Accessible Open Space.	Moderate negative

1.238 The impacts of the operational phase of the Proposed Development have been assessed on ground conditions. The assessment has concluded that the environmental impacts brought about by the operational phase are long-term and considered permanent in nature.