WAAF Portreath Interim Ecology Summary

Ecological Feature	Surveys & Findings	Mitigation	Compensation
Habitats	 Survey undertaken in February 2023. Site comprises mixed scrub with compacted aggregate track through centre. 	Scrub will be retained wherever possible.	 Creation of new scrub on site within central corridor and within areas of POS to south of site. Development will need to achieve a minimum 10% BNG and therefore off-site off-setting will be required.
Badgers	 Survey undertaken in February and July 2023 in accordance with best practice guidelines. Difficult to assess portions of the site due to dense vegetation and update survey will be undertaken following vegetation clearance. Sett of six entrances identified to southwest of site. Sett looks inactive with debris covering the holes during both surveys. Single hole outlier recorded to southeast of site. Sett likely to be used intermittently. 	 Setts will be monitored for a minimum of 21 days to confirm activity prior to closure. Active setts will only be closed on receipt of a consented badger licence from Natural England. Any closures will be undertaken in strict accordance with licence. 	If further surveys/monitoring identifies active main sett on site (unlikely) then a replacement artificial sett will be constructed prior to closure of existing sett.
Bats	 Surveys currently being undertaken commencing in May 2023 and continuing until October 2023. Surveys undertaken in accordance with best practice guidelines. Surveys still underway but early results suggest low levels of activity by common and rarer species including greater horseshoe. 	 Boundaries (particularly northern boundary) to be retained as dark corridors. Sensitive lighting scheme required during construction and operation. 	 New dwellings to include integrated bat boxes. New soft landscape to provide more diverse range of habitats (including SUDS) to encourage greater range of invertebrate prey.
Birds	 Surveys undertaken in May and June 2023 in accordance with best practice guidelines. No species protected by Schedule 1 of Wildlife and Countryside Act 1981 recorded on site. Majority of species recorded on site were common species however some amber list and red list species of RSPB's Birds of Conservation Concern recorded i.e. bull finch, house sparrow, dunnock, wren, wood pigeon, song thrush, white throat and rook. 	Vegetation clearance timed to avoid bird nesting season.	 Creation of new scrub on site within central corridor and within areas of POS to south of site to provide nesting and foraging opportunities post-development. New dwellings to include integrated bird boxes.
Invertebrates	 Pilot survey undertaken in May 2023 Survey did not record any protected or notable species. Invertebrate assemblage typical of scrub habitats, a common and widespread habitat. 	None required	New soft landscape to provide more diverse range of habitats (including SUDS) to encourage greater range of invertebrates.

Ecological Feature	Surveys & Findings	Mitigation	Compensation
Reptiles	 Surveys undertaken in May 2023 in accordance with best practice guidelines. Low but breeding population of slow worm recorded on site. 	 Habitat manipulation or translocation to off-site receptor to be implemented prior to soil stripping. 	 New soft landscape to provide more diverse range of habitats (including SUDS) to encourage greater range of invertebrate prey and more structural diversity providing foraging, basking and sheltering habitats.