Off-site compensation creation

Existing Poor Semi-improved Grassland (Modified Grassland) to be enhanced into 0.8ha of Open Mosaic Habitat (OMH).
Enhancement works to take place alongside the site clearance works associated with the residential development. Enhancement shall comprise the following in the Spring or Autumn:

- Stripping the top-soil of the entire 0.8ha off-site compensation area to remove Nitrogen-rich soils
- Arising to be formed into mounds and bunds to create varied topography
- Strip the top-soil, substrate and associated seed bank from the existing OMH grassland within the application site.
- Translocate from application site to 0.8ha of proposed OMH within compensation site and spread.
- Combination of imported substrate and top-soil mounds to establish varied conditions and topography to promote the desired mosaic of habitats including shallow pools.
- OMH area allowed to naturally colonise/succeed (no supplementary seeding).

Off-site compensation management

New Open Mosaic Habitat (OMH) to be brought into long-term management to maximise the biodiversity value and target 'Good' condition in accordance with the DEFRA Metric 3.0 guidance. Management shall include:

- OMH to be periodically scarified and areas of establishing grassland and other vegetation selectively cleared to maintain at least 25% area of bare ground.
- Within the OMH area, no single habitat type is to be permitted to exceed 80% total cover, and target of at least four habitat types maintained (e.g. (a) annuals; (b) mosses/liverworts; (c) lichens; (d) ruderals; (e) inundation species; (f) open grassland; (g) flower-rich grassland; (h) heathland)
- Control of excessive Bracken and Scrub encroachment, maintaining Bracken below 20% cover and Scrub (including Bramble) below 5% cover.
- Annual checks to make sure no invasive species such as Japanese Knotweed established, informing remedial measures such as treatment and eradication where necessary.





Key

- Site Boundary
- Location of Proposed Off-site Compensation
- Broad-leaved Woodland (A1.1.1)
- Broad-leaved Plantation (A1.1.2)
- Dense/Continuous Scrub (A2.1)
- Broadleaf Trees (A3.1)
- SI — Poor Semi-improved Grassland (B6)
- Tall Ruderal Herb Vegetation (C3.1)
- Fence (J2.4)
- Pond (G1)
- Bare Ground (J4)

Phase I Habitat Map base extracted from *Preliminary Ecological Appraisal--Proposed Extension to Denby Hall Business Park (Enzygo, 2019)*

0 20 40 60 80 100 150 200m

Scale 1:2,000@A3

enzygo environmental consultants
Samuel House, 5 Fox Valley Way, Stocksbridge, Sheffield, S36 2AA

Notes:

SCALE	PROJECT NO.	PROJECT
1:2,000@A3	MAN.1561.001	Land off Pargate Close, Marehay
DATE	DRAWING NO.	DRAWING TITLE
March 2022	MAN.1561.001.EC.D.002	Off-site Compensation Plan
DRAWN	CHECKED	CLIENT
MG	CS	Gamer Holdings