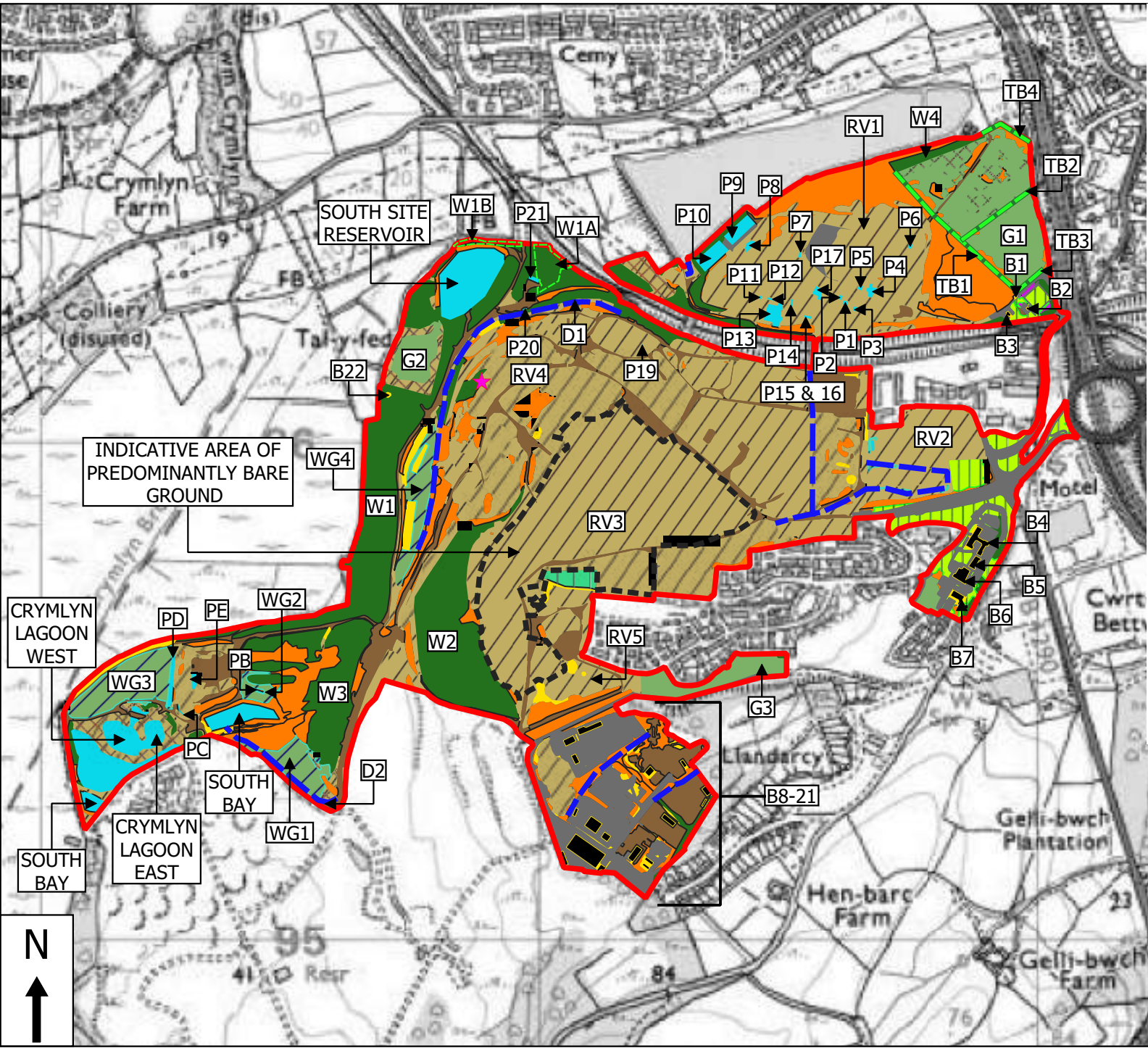




Key:

- SITE BOUNDARY
- COMPACTED CLAY SOILS WITH A MOSAIC OF RECOLONISING VEGETATION
- WET GRASSLAND AND MIXED SCRUB
- SPECIES-POOR SEMI-IMPROVED GRASSLAND
- SECONDARY WOODLAND
- DENSE SCRUB
- SCATTERED SCRUB
- WATERBODY / POND
- DITCH
- RUSH PASTURE
- EXPOSED ROCK / CLIFF
- TREE BELTS / LINES
- AMENITY GRASS
- AMENITY PLANTING
- BUILDING
- SEALED (METALLED) HARDSTANDING
- UNSEALED HARDSTANDING
- RUDERAL
- AREA OF PREDOMINANTLY BARE GROUND
- JAPANESE KNOTWEED



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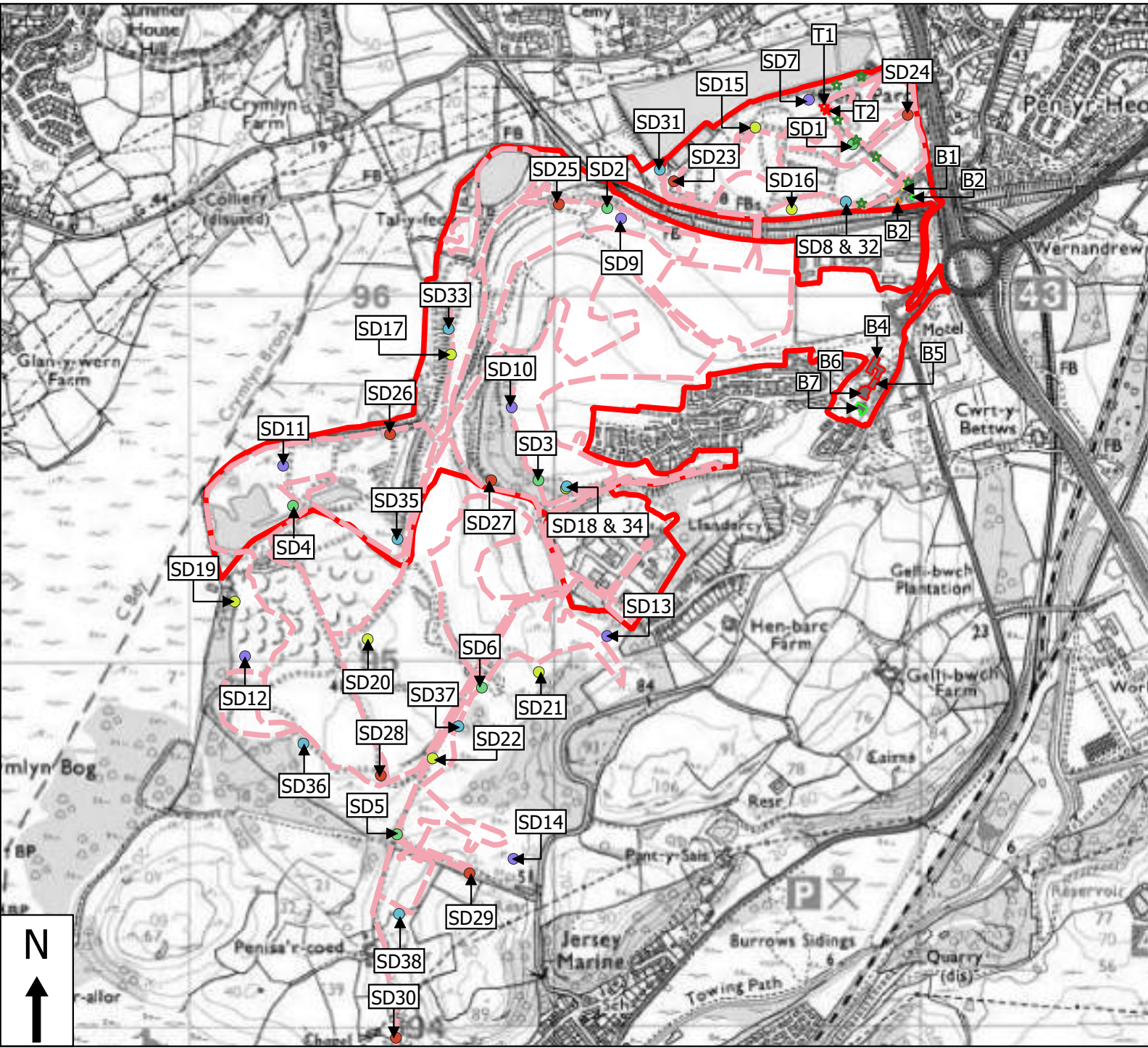
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FIGURE 10-2:
BASELINE HABITATS

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FIGURE 10-3
Bat Surveys



Key:

- SITE BOUNDARY
- INDICATIVE TRANSECT ROUTE
- JUNE 2020 STATIC LOCATIONS
- JULY 2020 STATIC LOCATIONS
- AUGUST 2020 STATIC LOCATIONS
- SEPTEMBER 2020 STATIC LOCATIONS
- OCTOBER 2020 STATIC LOCATIONS
- BUILDING SUBJECT TO EMERGENCE AND RE-ENTRY
- BUILDING SUBJECT TO EMERGENCE SURVEY ONLY
- BUILDING SUBJECT TO INTERNAL AND EXTERNAL SURVEY
- BUILDING SUBJECT TO EXTERNAL SURVEY ONLY
- ★ TREE SUBJECT TO AERIAL SURVEY
- ★ TREE DEEMED LOW BAT ROOST POTENTIAL

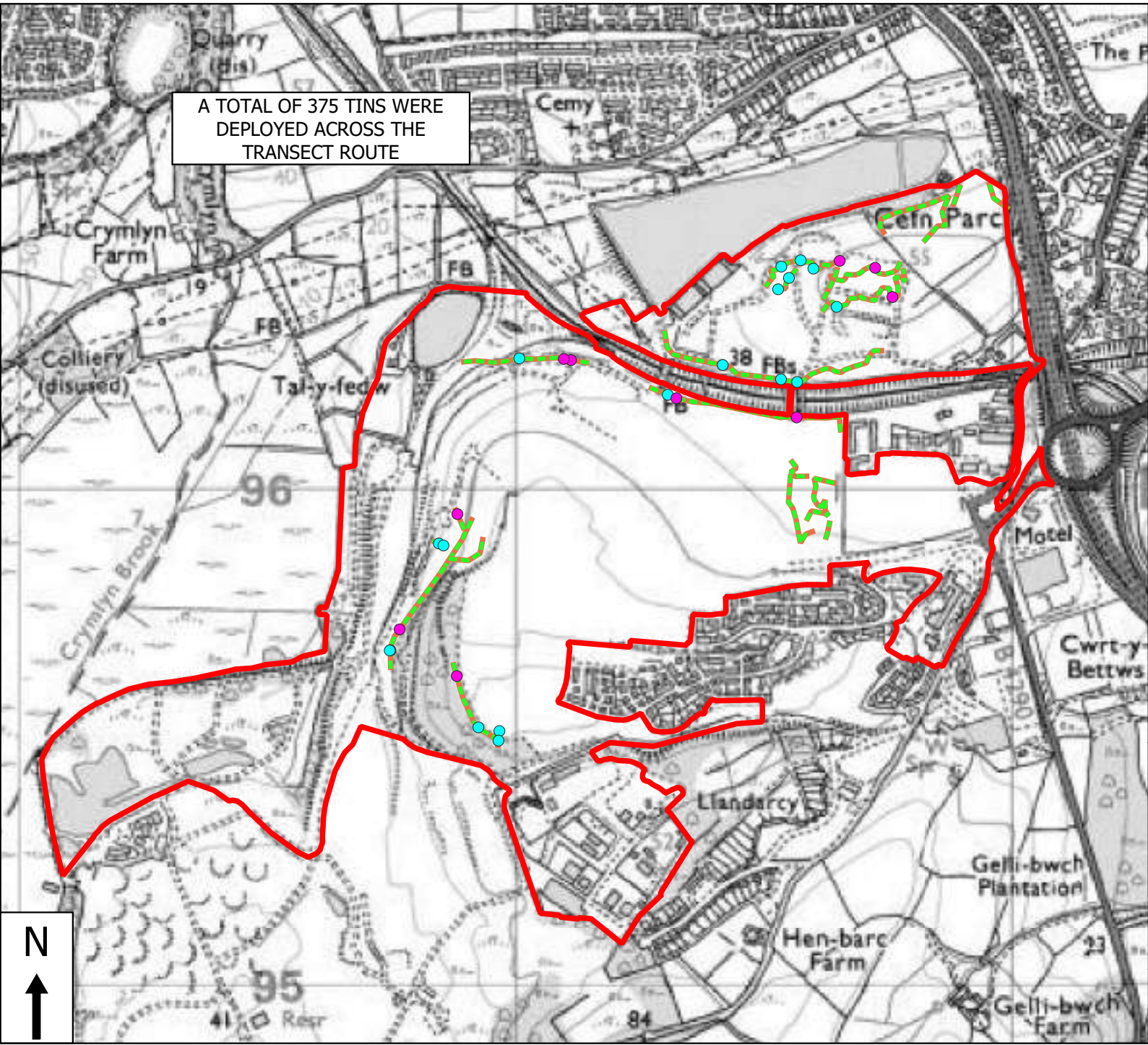


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FIGURE 10-4
Reptile Surveys

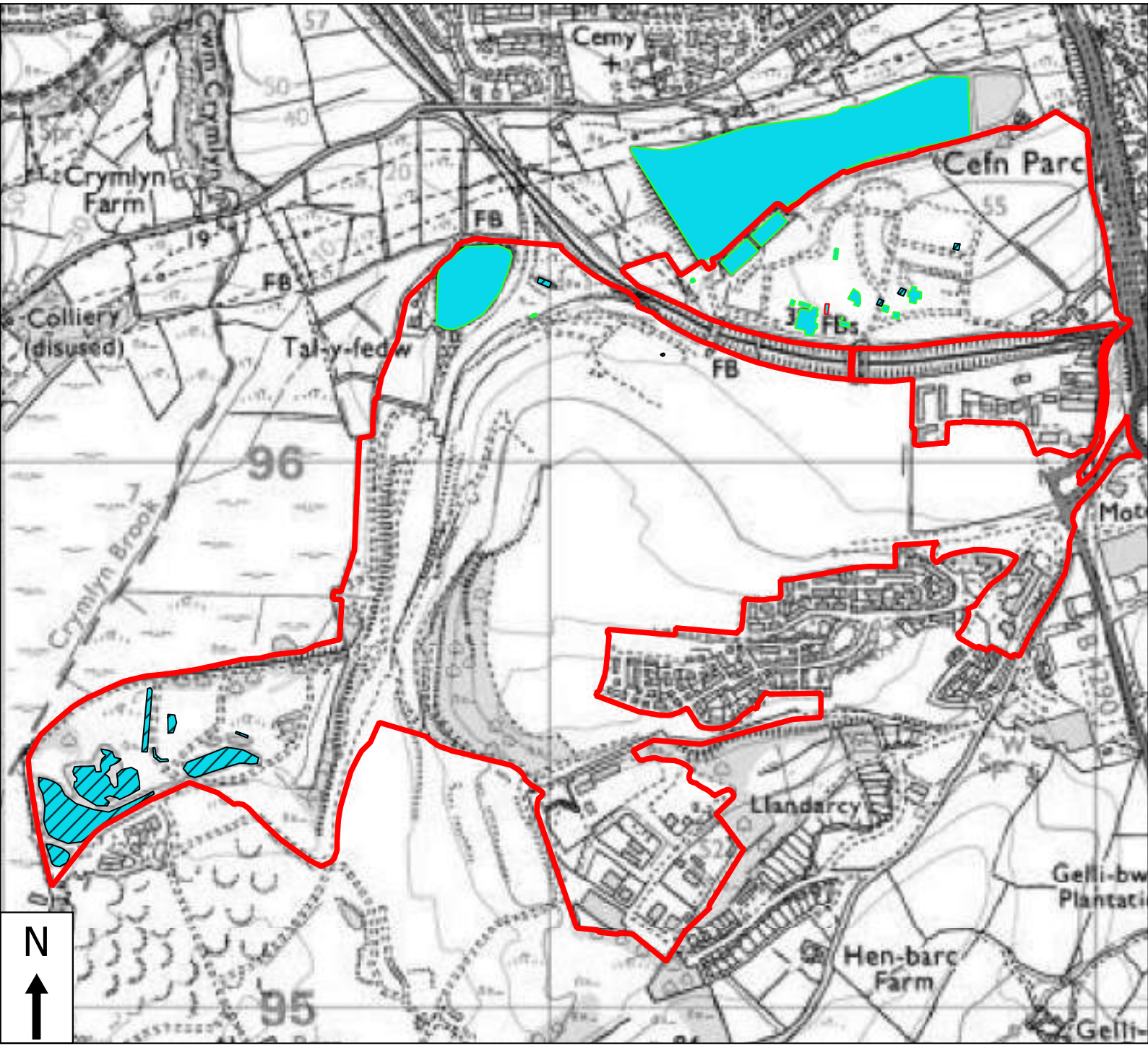


Key:

- SITE BOUNDARY
- INDICATIVE REPTILE TIN LOCATIONS
- COMMON LIZARD
- GRASS SNAKE

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FIGURE 10-4: REPTILE SURVEY RESULTS		Rev: A Oct 21

FIGURE 10-5
eDNA Surveys



Key:

- SITE BOUNDARY
- NOT SURVEYED
- WATERBODY WITH NEGATIVE eDNA RESULT
- WATERBODY WITH POSITIVE eDNA RESULT



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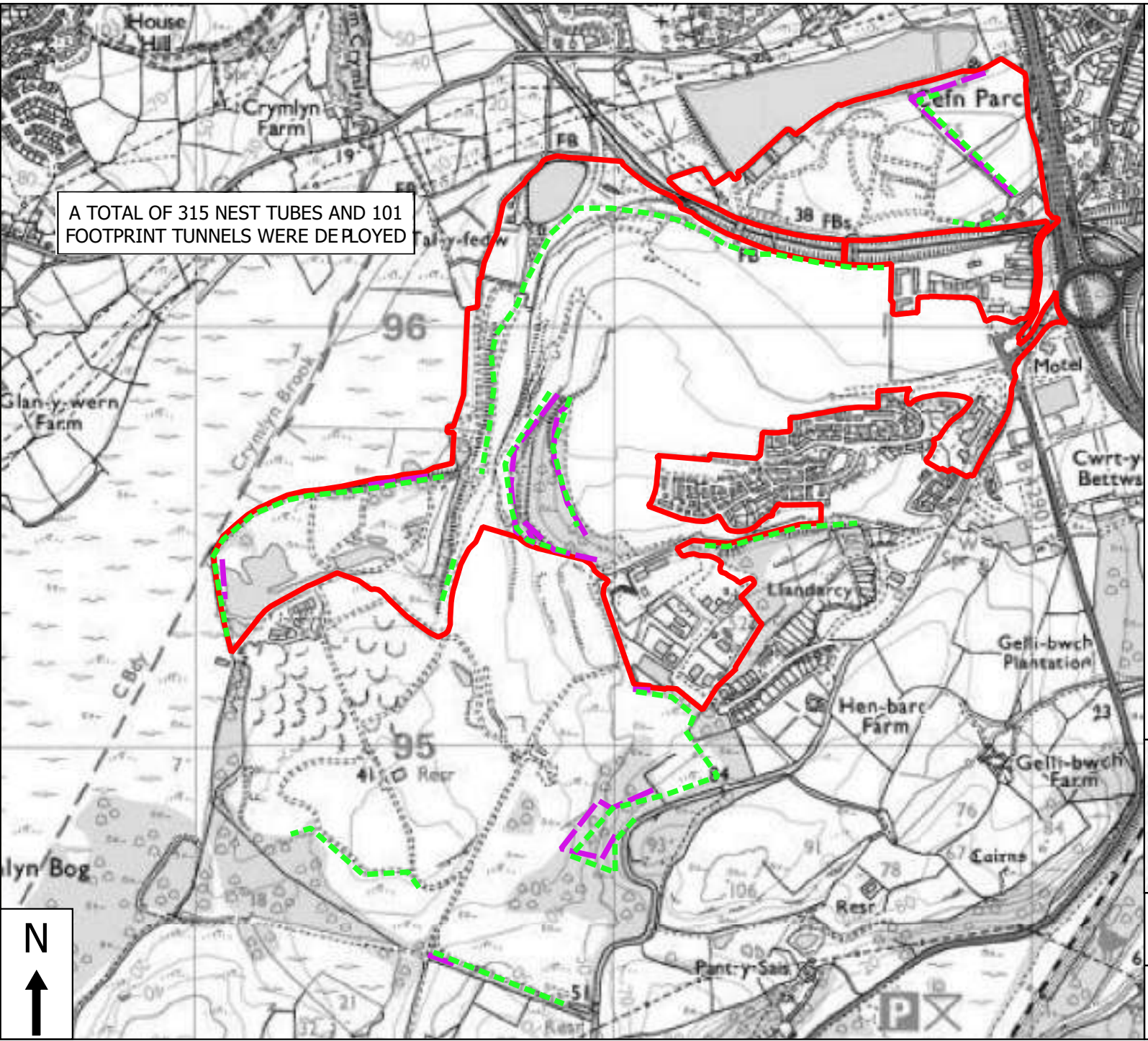
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FIGURE 10-5: EDNA
SURVEY RESULTS 2021

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FIGURE 10-6
Dormouse Nest Tubes
and Footprint Tunnel Locations



Key:

- ▭ SITE BOUNDARY
- NEST TUBE LOCATIONS
- FOOTPRINT TUNNEL LOCATIONS



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FIGURE 10-6: DORMOUSE
NEST TUBES AND FOOTPRINT
TUNNEL LOCATIONS

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FIGURE 10-7
Breeding Bird Surveys

- Site Boundary
- Green Listed Species - Confirmed or Probably Breeding
- Amber Listed Species - Confirmed or Probably Breeding
- Red Listed Species - Confirmed or Probably Breeding
- Green Listed Species - Possible Breeding
- Amber Listed Species - Possible Breeding
- Red Listed Species - Possible Breeding



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FIGURE 10-7: BREEDING BIRD SURVEY PLAN 2020

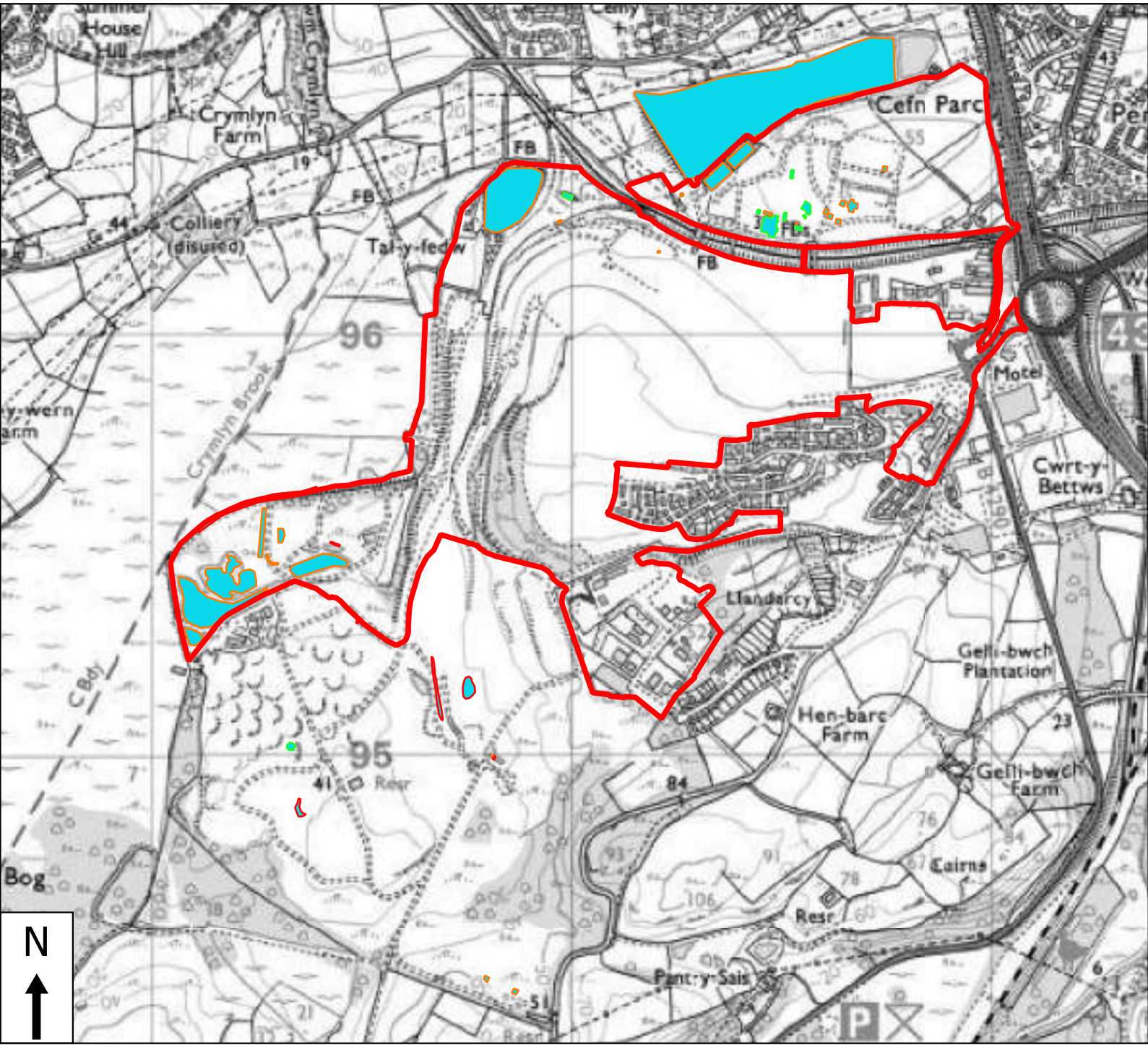
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FIGURE 10-8
Ground Nesting Bird Surveys



Key: Red outline SITE BOUNDARY Yellow circle with NJ NIGHTJAR NOT BREEDING Red circle with L LAPWING BREEDING PAIR Red circle with RP RINGER PLOVER BREEDING PAIR	
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FIGURE 10-8: GROUND NESTING BIRD RESULTS 2021	Rev: A Oct 21

FIGURE 10-9
eDNA Surveys
Atkins, 2020



Key:

- SITE BOUNDARY
- NO RESULTS OBTAINED
- WATERBODY WITH NEGATIVE eDNA RESULT
- WATERBODY WITH POSITIVE eDNA RESULT



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FIGURE 10-9: ATKINS
2020 EDNA RESULTS

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APPENDIX 3

Crymlyn Tip Landscaping Plans



Crymlyn Bog

Natural colonisation of reeds in peripheral trench

Seeding and landscaping to encourage ground nesting birds and reptiles. Regenerative species and local native mixed scrub planting. All planting to be conducive to the function of the engineered landfill cap

Bare ground/ open mosaic habitat: naturally recolonising vegetation for invertebrates and ground nesting birds

Coed Darcy Wetlands - Mix of Ponds, reeds and scrub growth. Existing SINC. To be fully retained.

Temporary laydown area. Existing vegetation to be re-instated post development, consisting predominantly recolonising vegetation and to a lesser extent wet grassland.

Ponds built in 2022 as trial ponds for the compensation of the loss of Pond B (GCN Pond). Potential to plant grass and shrub in the area to produce suitable habitat for GCN

Pond 1
Central pool depth: 1.5m
Surface area of standing water (at natural capacity) : 150m²

Pond 2
Central pool depth: 1.5m
Surface area of standing water (at natural capacity) : 250m²

Woodland areas to be retained

Woodland areas to be retained

Crymlyn Bog

Oil Refinery

Retain woodland buffering and control recreation access to reformed ecological habitats

Retain woodland buffering and control recreation access to reformed ecological habitats

CDM Note

These drawings have been produced with reference to the CDM Regulations 2015.

Please note that these are pre-construction phase drawings and should be subject to further design risk management as required in accordance with Regulation 9.

Key

- Proposed Planning Boundary
- Temporary laydown area
- Reformed Ecological Habitats
- Crymlyn Bog
- Retained Woodland Area
- Waterbody
- Reeds
- Existing brownfield scrubland

Notes

- The capping and restoration layers will provide a robust cover over underlying materials, including waste materials.
- Capping and restoration layers for the Tip will be undertaken as part of the compliance with the Environmental Permit and in accordance with an agreed CQA Plan.
- In line with human health risk assessments carried out by Englobe, a minimum thickness of 1.1m restoration material is required across the whole permit area.
- All ecological and landscaping works to be conducive to the long-term functionality of the landfill capping system.

Client
St. Modwen
Project
Crymlyn Tip
Drawing Status
Draft
Title
Landscaping Plan

Drawing No.
04020-B-922-P1

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