



# **West Winch Housing Access Road**

## **Environmental Statement Chapter 8: Biodiversity Annex 8.16 Great Crested Newt Survey Report Appendix C**

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## **1 Introduction**

1.1.1 Tables 1-1, 1-2, 1-3, 1-4, 1-5, 1-6, 1-7, 1-8 and 1-9 show the pond results including if Great Crested Newts (GCN) were detected, peak adult count using one survey method, population size class, if any GCN eggs or larvae were present, air temperature (minimum overnight), vegetation cover (0-5), turbidity (0-5) and if other amphibians were recorded.

**Table 1-1 – Pond 2 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
10/05/2021	Yes	7	Small	No	6	4	1	Yes – 1x Smooth Newt <i>Lissotriton vulgaris</i>
17/05/2021	Yes	3	Small	No	5	2	1	Yes – 1x Smooth Newt
24/05/2021	Yes	10	Small	No	7	4	2	No
01/06/2021	Yes	4	Small	No	12	4	1	Yes – 1x Smooth Newt
07/06/2021	No	0	N/A	No	12	3	1	No
10/06/2021	Yes	24	Medium	Yes	15	3	1	No

**Table 1-2 – Pond 3 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
10/05/2021	Yes	3	Small	No	6	3	1	Yes – 1x Smooth Newt
17/05/2021	Yes	1	Small	No	5	4	1	No
24/05/2021	Yes	3	Small	No	7	3	1	No
01/06/2021	Yes	1	Small	No	12	4	1	No
07/06/2021	No	0	N/A	No	12	4	3	No
10/06/2021	No	0	N/A	No	15	4	3	No

**Table 1-3 – Pond 4 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
10/05/2021	Yes	3	Small	No	6	2	0	No
17/05/2021	Yes	2	Small	No	5	3	1	No
24/05/2021	Yes	1	Small	No	7	3	0	No
01/06/2021	Yes	2	Small	No	12	3	0	No
07/06/2021	No	0	N/A	No	12	4	1	2x Smooth Newt/Palmate Newt <i>Lissotriton helveticus</i>
10/06/2021	No	0	N/A	No	15	4	1	No

**Table 1-4 – Pond 10 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
27/04/2021	No	0	N/A	No	7	1	4	No
07/05/2021	Yes	22	Medium	No	6	1	4	No
12/05/2021	Yes	19	Medium	Yes	10	2	1	No
26/05/2021	Yes	7	Small	No	9	2	3	No
03/06/2021	Yes	3	Small	No	16	2	3	No
08/06/2021	Yes	12	Medium	No	19	2	4	4x Smooth Newt

**Table 1-5 – Pond 11 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature oC (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
27/04/2021	No	0	N/A	No	6	2	1	No
10/05/2021	Yes	2	Small	No	6	2	1	1x Smooth/Palmate Newt
17/05/2021	No	0	N/A	No	5	1	1	2x Smooth Newt
24/05/2021	Yes	2	Small	No	7	1	1	No
01/06/2021	Yes	3	Small	No	12	3	1	No
07/06/2021	Yes	1	Small	Yes	12	3	1	No

**Table 1-6 – Pond 18 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
24/04/2021	Yes	1	Small	Yes	6	1	1	No
10/05/2021	Yes	1	Small	No	6	1	3	No
17/05/2021	Yes	1	Small	No	5	1	3	Yes – 1x Smooth Newt
24/05/2021	Yes	5	Small	No	7	1	4	Yes - 2x Smooth Newt
01/06/2021	Yes	2	Small	No	12	3	3	No
07/06/2021	Yes	8	Small	No	12	2	1	No

**Table 1-7 – Pond 19 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
16/03/2021	No	0	N/A	No	6	2	3	No
31/03/2021	No	0	N/A	No	7	1	2	No
27/04/2021	No	0	N/A	No	6	3	1	No
10/05/2021	No	0	N/A	No	6	3	1	No
24/05/2021	No	0	N/A	No	7	4	4	No
01/06/2021	No	0	N/A	No	12	1	4	No

**Table 1-8 – Pond 20 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
17/05/2021	Yes	7	Small	No	5	1	4	No
24/05/2021	Yes	9	Small	No	7	1	5	No
01/06/2021	Yes	3	Small	No	12	4	2	No
07/06/2021	No	0	N/A	No	15	4	4	No
10/06/2021	Yes	2	Small	No	15	4	4	No
14/06/2021	No	0	N/A	No	10	5	4	No

**Table 1-9 – Pond 23 survey results**

Date	GCN detected	Peak adult count using one survey method	Population size class	GCN Eggs or Larvae present	Air Temperature °C (minimum overnight)	Vegetation Cover (0-5)	Turbidity (0-5)	Other amphibians recorded
16/03/2021	Yes	13	Medium	Yes	6	4	2	Yes – 1x Smooth Newt, 2x Common Frog <i>Rana temporaria</i> , 6x Common Toad <i>bufo bufo</i>
31/03/2021	Yes	8	Small	No	7	4	2	No
27/04/2021	Yes	1	Small	No	6	2	3	No
10/05/2021	Yes	11	Medium	No	6	3	2	No
17/05/2021	Yes	3	Small	No	5	4	4	No
24/05/2021	Yes	1	Small	No	7	3	3	No