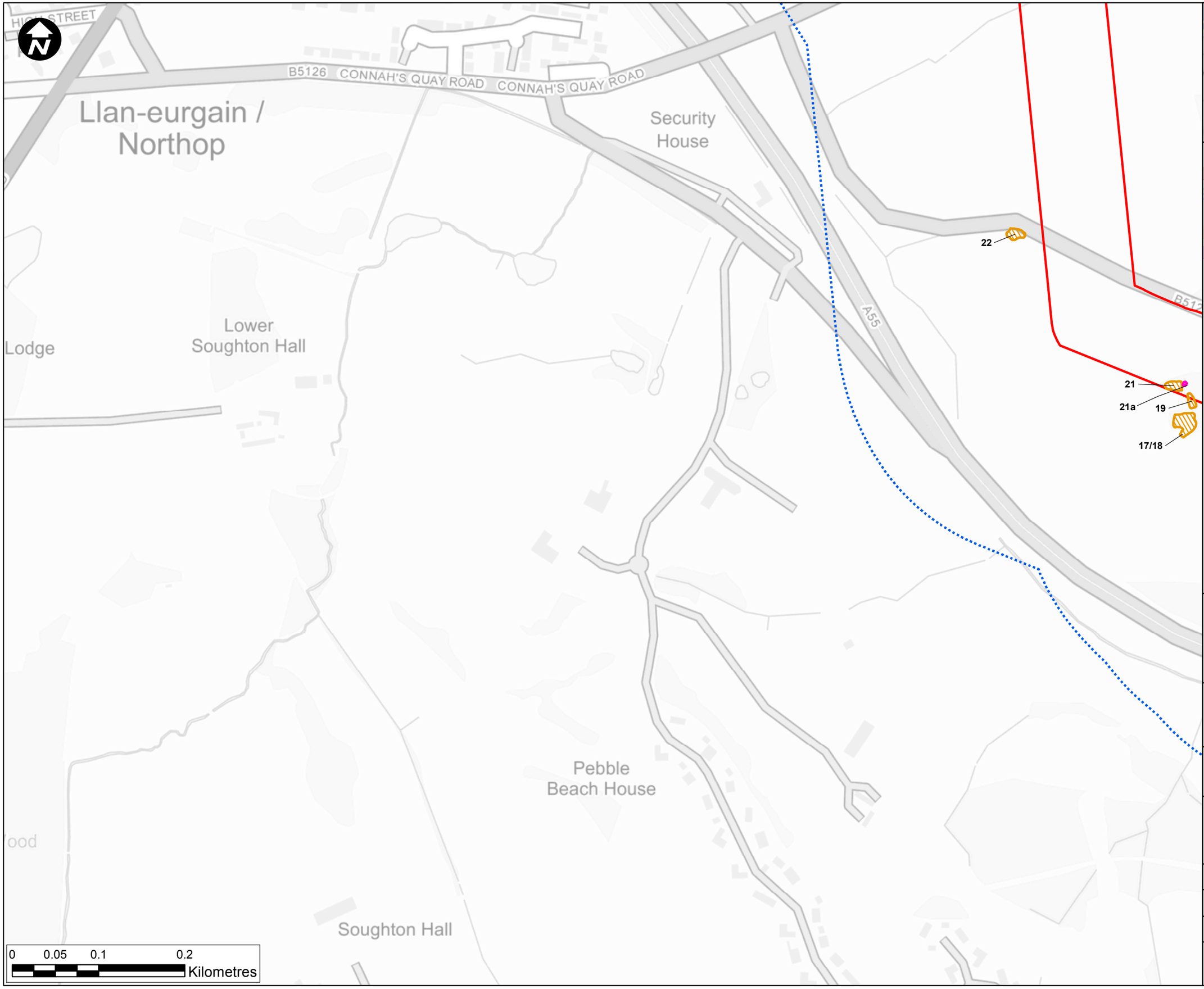

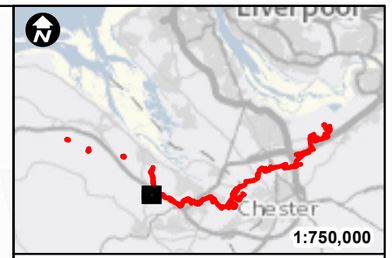

Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Likely Absent
- Not Surveyed - Assumed Likely Absence

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 25 of 30

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SCALE @ A3 SIZE	DATE	REVISION
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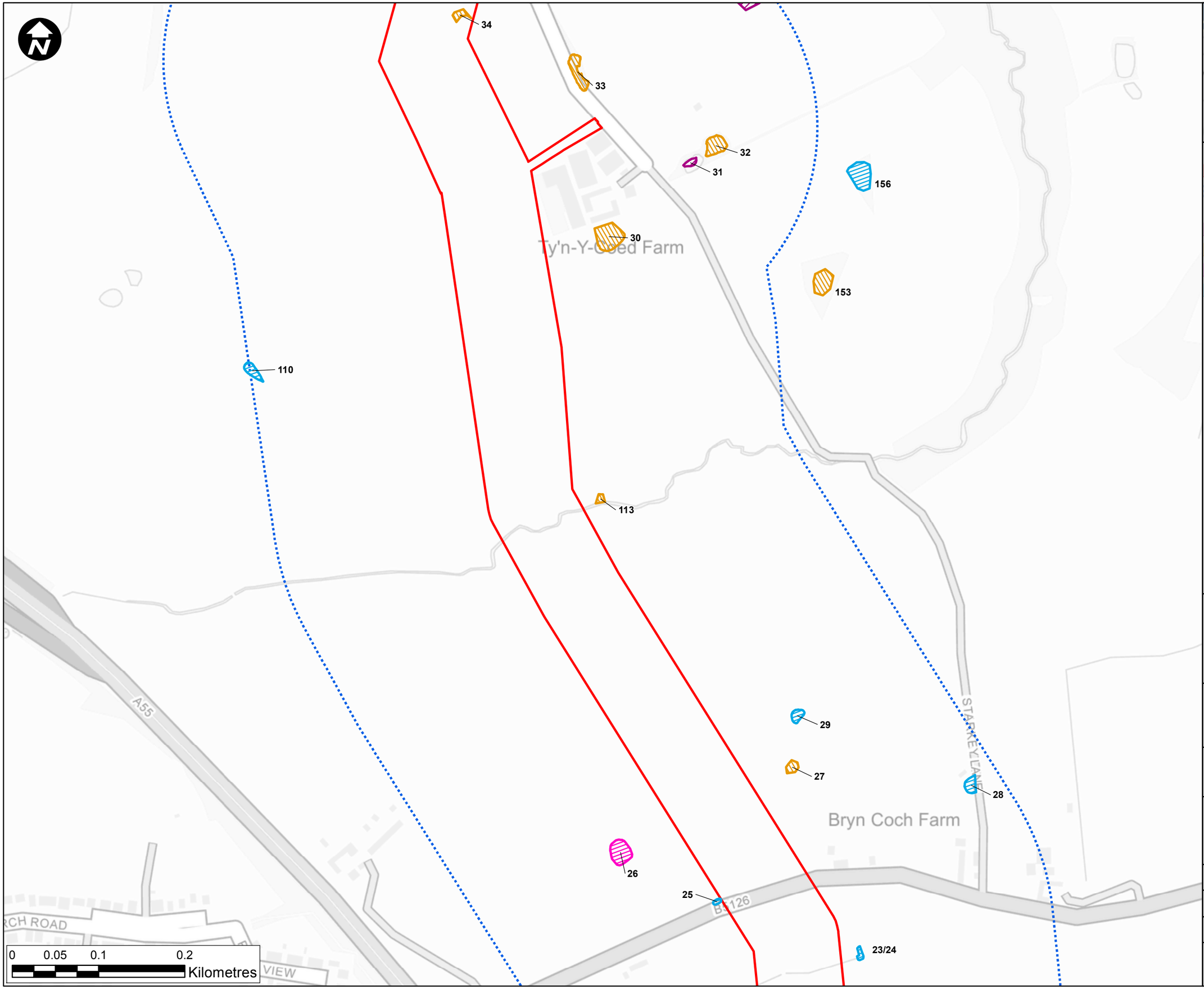
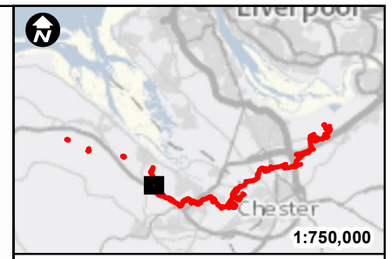
DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 25





Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Present
- Likely Absent
- Not Surveyed - Assumed Likely Absence
- Not Surveyed

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 26 of 30

DRAWING STATUS

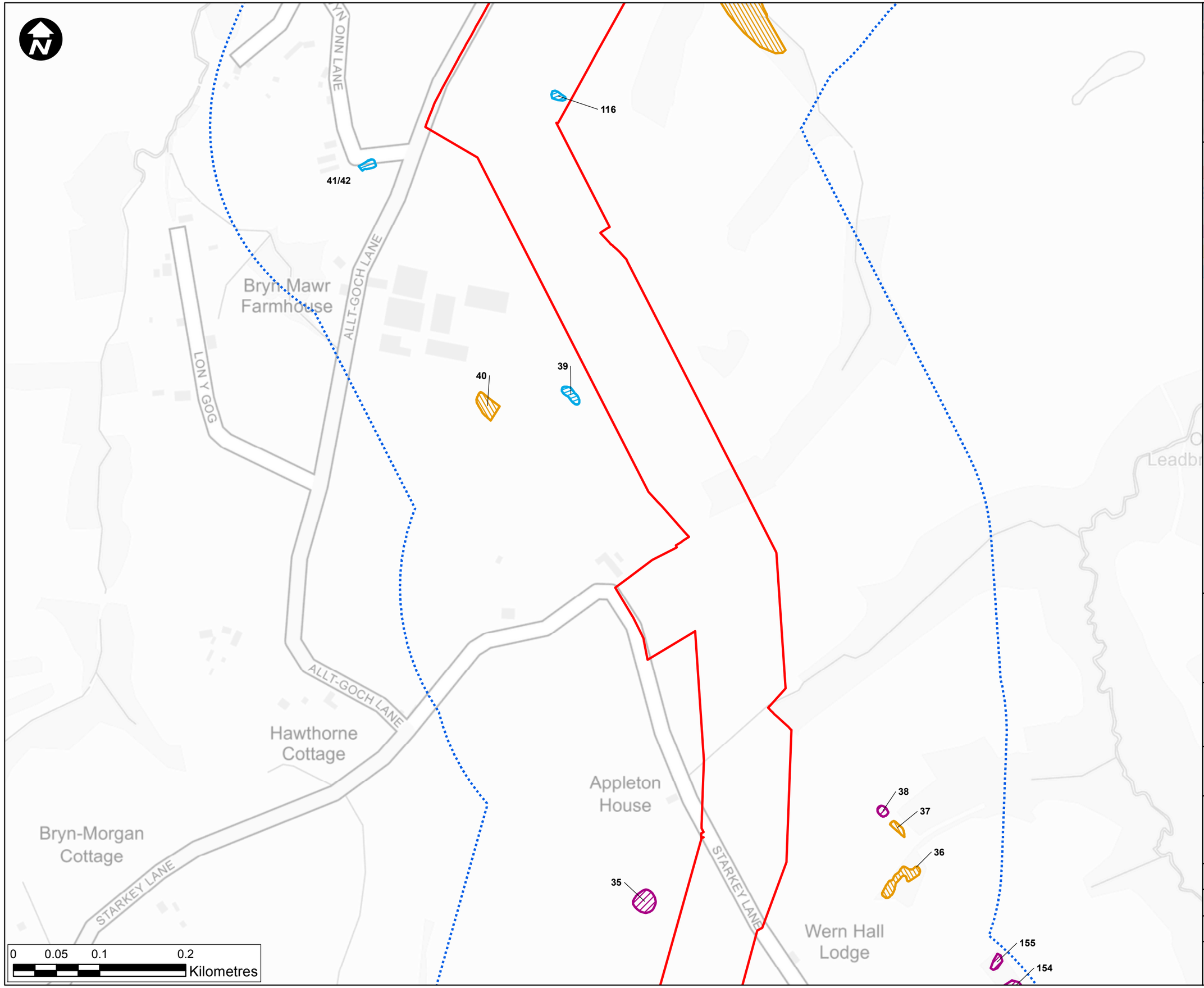
FOR INFORMATION

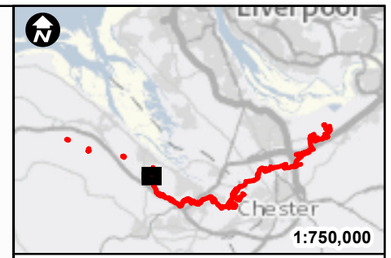
DRAWN	CHECKED	APPROVED	AUTHORISED
AA	NC	NM	SF

SCALE @ A3 SIZE	DATE	REVISION
1:4,000	01/08/2022	P00

DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 26





Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Present
- Likely Absent
- Not Surveyed

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 27 of 30

DRAWING STATUS

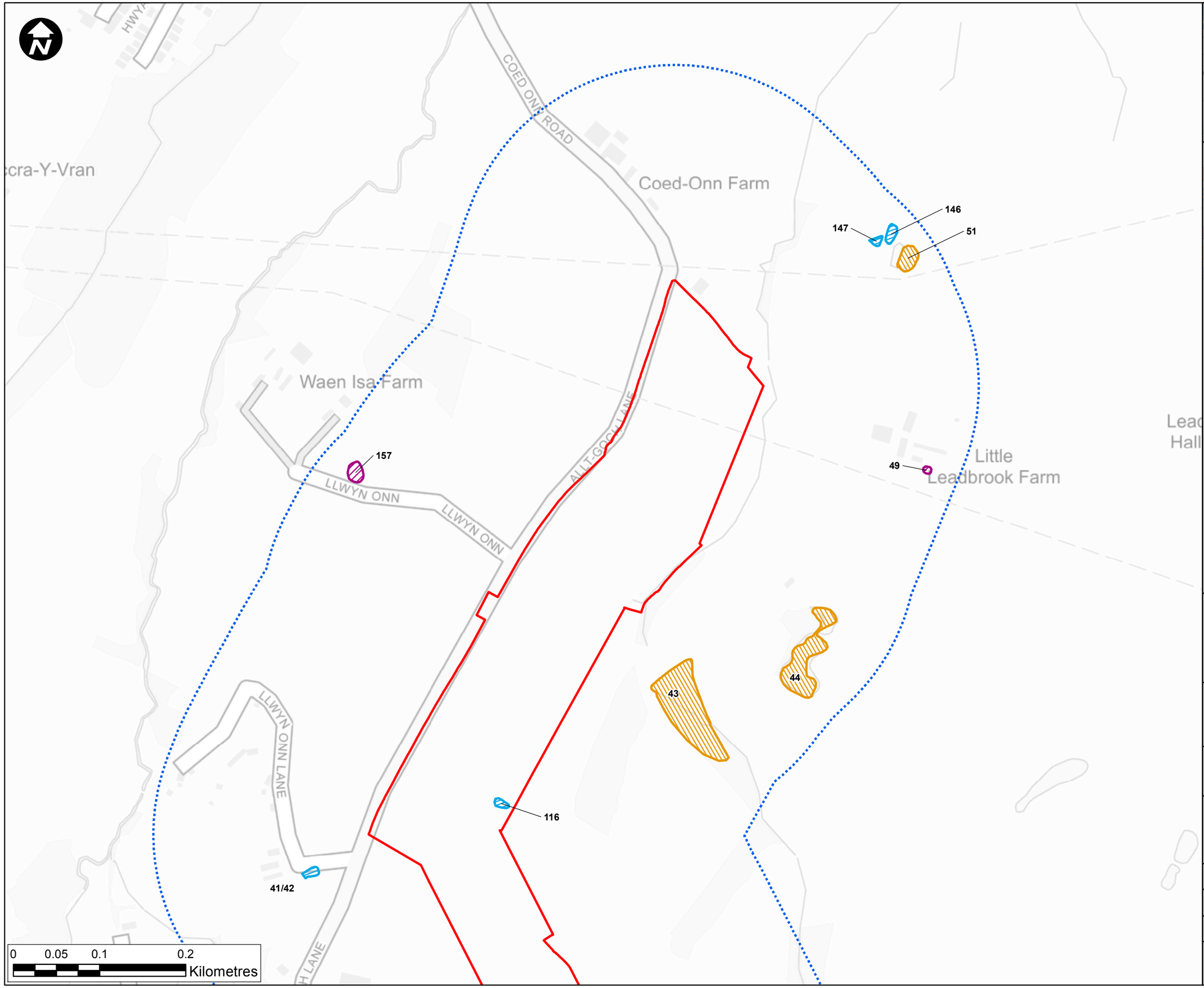
FOR INFORMATION

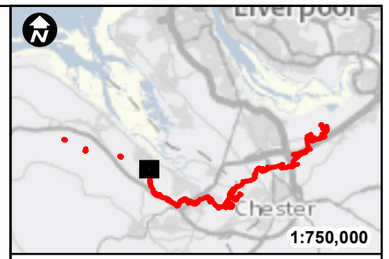
DRAWN	CHECKED	APPROVED	AUTHORISED
AA	NC	NM	SF

SCALE @ A3 SIZE	DATE	REVISION
1:4,000	01/08/2022	P00

DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 27





Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Present
- Likely Absent
- Not Surveyed

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 28 of 30

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FOR INFORMATION

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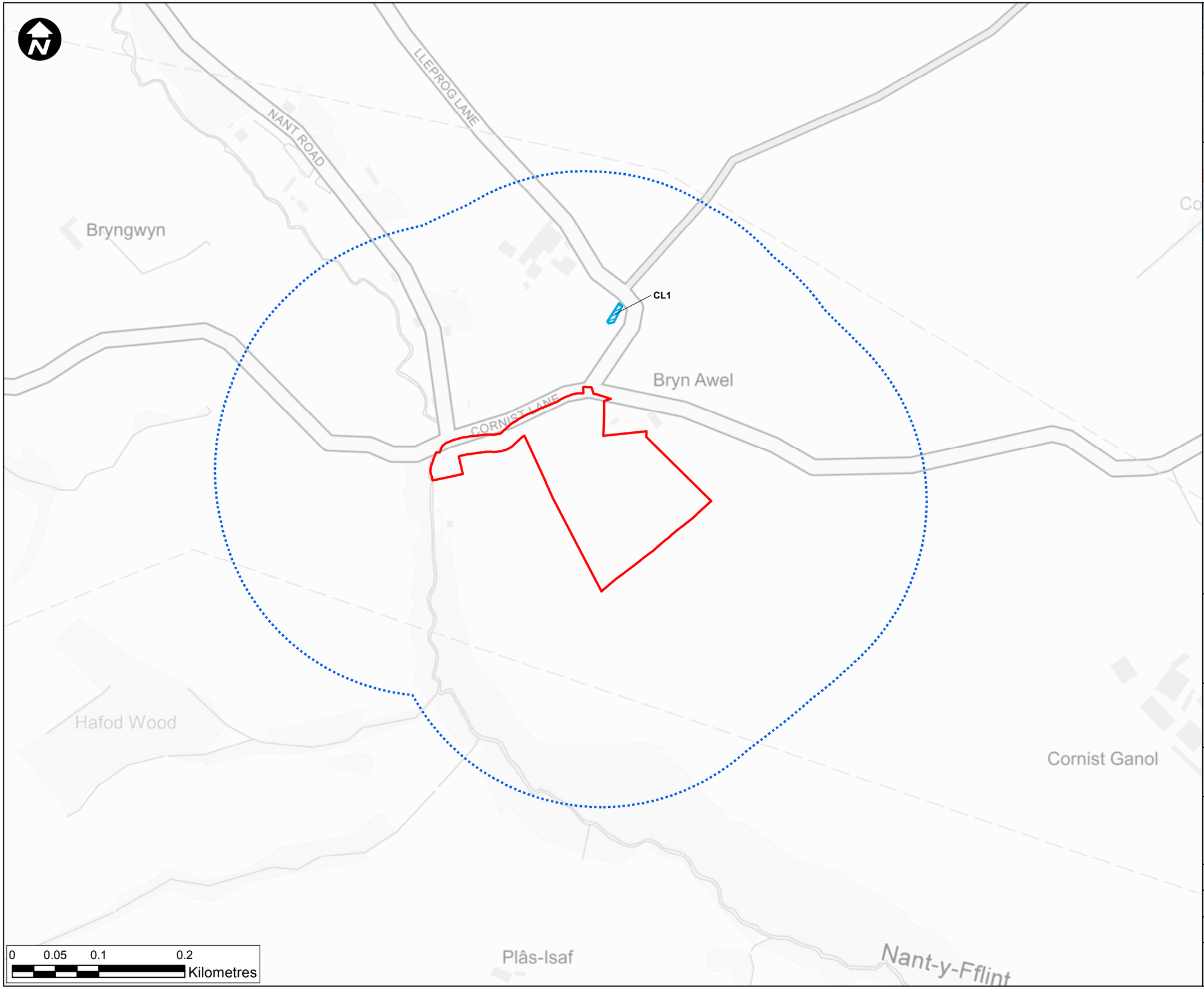
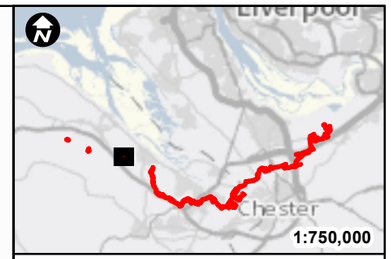
SCALE @ A3 SIZE	DATE	REVISION
1:4,000	01/08/2022	P00

DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 28





Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Not Surveyed

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 29 of 30

DRAWING STATUS

FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
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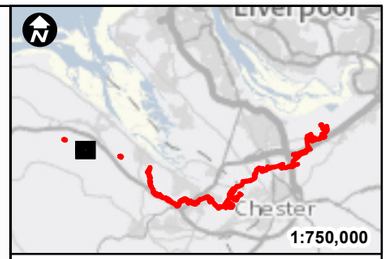
DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 29



Key:

- Newbuild Infrastructure Boundary
- Survey Area

PA Result

- Not Surveyed

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HyNet North West

PROJECT TITLE

HyNet CO2 Pipeline DCO

DRAWING TITLE

Figure 9.2.3 - Presence / Likely Absence Results Sheet - 30 of 30

DRAWING STATUS

FOR INFORMATION

DRAWN	CHECKED	APPROVED	AUTHORISED
AA	NC	NM	SF

SCALE @ A3 SIZE	DATE	REVISION
1:4,000	01/08/2022	P00

DRAWING NUMBER

EN070007-APP-ES-9.2.3-Sheet 30

Annex B

RESULTS OF HSI ASSESSMENT

Table 7 - Results of HSI Assessment

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
Cornist Lane Block Valve Station - Wales	CL1	1	100	1	0.33	0	1	1	0.72	0.6	95	0.7	Good
Pentre Halkyn Block Valve Station - Wales	PH6	1	40	0.9	0.33	10	1	0.01	0.33	0.91	15	0.34	Poor
Pentre Halkyn Block Valve Station - Wales	PH5	1	400	0.5	0.67	60	1	1	0.9	0.67	60	0.84	Excellent
Pentre Halkyn Block Valve Station - Wales	PH4	1		0.9	1	80	0.67	0.67	0.6	0.67	0	0.7	Good
Pentre Halkyn Block Valve Station - Wales	PH3	1	50	0.9	0.67	80	0.67	1	0.6	0.67	0	0.58	Poor
Pentre Halkyn Block Valve Station - Wales	PH2	1	50	0.9	0.67	0	0.67	1	0.6	0.67	0	0.59	Poor
Pentre Halkyn Block Valve Station - Wales	PH1	1	400	1	1	0	0.67	0.67	0.6	1	0	0.76	Good
England	1	1	15	0.1	0.67	60	1	1	0.67	0.4	50	0.48	Poor
England	2	1	18	0.1	0.67	60	1	1	0.67	0.4	0	0.44	Poor
Wales	4	0.5	350	0.9	1	60	0.01	0.67	0.89	0.67	5	0.46	Poor
Wales	5	1	50	0.5	0.67	10	1	0.67	0.67	0.4	10	0.55	Below Average
Wales	6	1	250	0.1	1	35	0.67	1	0.65	0.33	0	0.54	Below Average

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
Wales	7	0	400	0.1	0.67	80	1	1	0.65	0.67	0	0.56	Below Average
England	7	1	250	0.9	0.33	25	1	1	0.33	0.95	50	0.72	Good
Wales	8	1	1600	0.1	1	5	0.01	0.01	0.65	0.33	5	0.24	Poor
Wales	10	0.5	350	0.1	0.67	100	1	1	0.33	0.6	0	0.44	Poor
England	11	0.5	200	0.9	0.33	80	0.67	0.67	0.67	0.72	5	0.55	Below Average
England	12	1	100	0.9	0.67	100	1	1	0.67	0.65	0	0.56	Below Average
Wales	13	0.5	100	0.5	0.67	100	1	1	1	0.8	0	0.53	Below Average
Wales	14	1	16	0.9	1	5	1	1	1	0.6	5	0.63	Average
Wales	14a	1	20	0.9	1	5	1	1	1	0.6	60	0.69	Average
Wales	15	1	12	0.9	1	5	1	1	1	0.6	10	0.64	Average
England	15	0.5	200	0.9	0.67	100	0.67	0.67	0.67	0.72	20	0.55	Below Average
England	17	1	450	1	0.33	30	0.67	1	1	0.4	35	0.74	Good
Wales	17/18	1	750	0.9	0.67	60	0.67	0.33	1	0.75	25	0.75	Good
England	18	2	50	0.1	0.33	20	1	1	1	0.4	35	0.49	Poor
England	19	1	20	0.1	0.33	100	1	1	1	0.6	0	0.38	Poor
Wales	19	1	100	0.5	0.67	80	0.67	0.33	1	0.75	0	0.54	Below Average
England	20	1	600	0.9	0.67	70	0.67	0.67	1	0.6	5	0.73	Good
Wales	20	1	250	0.5	0.67	80	0.67	0.33	1	0.75	2	0.59	Below Average
Wales	21	1	200	0.9	0.67	80	0.67	0.33	1	0.75	5	0.62	Average

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
Wales	21a	1	50	0.1	0.67	70	1	1	1	0.75	2	0.48	Poor
Wales	22	1	250	0.5	0.67	30	1	1	0.67	0.75	0	0.69	Average
Wales	25	0.5	13	0.5	0.67	30	1	0.67	0.85	0.67	25	0.53	Below Average
Wales	25	0.5	350	0.9	0.67	80	0.67	0.67	1	0.85	0	0.63	Average
Wales	26	0.5	400	0.9	0.67	60	1	0.67	1	0.85	0	0.73	Good
England	27	1	10	0.5	0.33	100	1	1	0.33	0.85	0	0.41	Poor
Wales	27	0	150	1	1	90	1	0.67	1	0.67	5	0.62	Average
England	28	0.5	200	0.9	0.33	100	0.67	0.67	0.33	0.85	5	0.47	Poor
England	29	0.5	50	0.5	0.33	20	0.67	0.33	0.67	0.6	0	0.43	Poor
England	30	1	250	0.5	0.67	0	1	1	0.67	1	0	0.71	Good
Wales	31	0	350	0.9	1	15	0.67	0.67	1	1	10	0.74	Good
Wales	33	1	350	1	0.67	50	0.67	1	1	1	70	0.89	Excellent
England	34	1	250	0.9	0.33	0	1	0.67	0.33	1	100	0.69	Average
England	35	1	1150	0.9	0.33	0	0.67	0.67	0.33	1	20	0.68	Average
Wales	36	0.5	450	0.9	0.67	80	1	0.67	0.89	1	0	0.7	Good
England	36	0.5	800	1	0.1	100	1	1	0.33	1	90	0.56	Below Average
Wales	37	1	200	0.1	1	70	1	1	1	1	0	0.63	Average
England	37	0.5	200	0.9	1	10	1	1	0.33	1	90	0.75	Good
Wales	38	1	300	0.1	1	70	1	1	1	1	0	0.65	Average
England	38	1	950	0.9	1	0	1	0.67	0.33	1	75	0.85	Excellent
Wales	40	1	350	1	0.33	100	0.67	0.67	0.67	1	0	0.58	Below Average
England	42	0.5	700	1	0.67	65	0.67	1	1	1	0	0.76	Good

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
Wales	43	0.5	3200	0.9	0.67	50	0.67	0.01	1	0.97	10	0.49	Poor
England	43	1	250	0.9	0.33	100	0.67	0.67	0.67	1	90	0.62	Average
Wales	44	0.5	3600	1	0.67	70	0.67	0.01	0.67	0.97	20	0.47	Poor
England	45	1	550	0.9	0.67	90	0.67	0.67	0.33	1	10	0.65	Average
England	46	1	400	0.9	0.67	60	0.67	0.67	0.33	1	10	0.7	Good
England	47	1	200	0.9	0.33	100	0.67	0.67	0.33	1	80	0.57	Below Average
Wales	49	0.5	600	0.9	0.33	50	0.67	0.33	1	0.97	30	0.67	Average
England	50	1	250	0.9	0.33	90	0.67	0.67	0.67	1	10	0.61	Average
	50	0.5	250	1	1	10	0.67	0.67	0.67	1	50	0.75	Good
Wales	51	1	300	0.9	0.67	90	0.67	0.67	1	0.67	0	0.65	Average
England	51	1	400	0.9	0.33	95	0.67	0.67	0.33	1	0	0.56	Below Average
England	52	1	100	1	0.33	80	0.67	0.67	0.33	1	90	0.59	Below Average
England	53	1	200	0.5	0.67	10	1	0.67	0.33	0.8	50	0.67	Average
England	54	1	100	0.5	0.67	95	1	0.67	0.97	1	50	0.61	Average
England	56	0.5	150	0.5	0.33	0	1	1	0.33	1	0	0.55	Below Average
England	58	1	400	0.9	0.67	15	1	0.67	1	0.97	80	0.89	Excellent
England	61	0.5	2900	1	0.67	90	0.67	0.67	0.33	1	0	0.59	Below Average
England	62	0.5	350	1	0.67	5	0.67	0.67	0.33	1	0	0.63	Average
England	63	0.5	600	1	0.67	70	0.67	0.67	1	1	20	0.75	Good
England	65	0.5	100	0.9	0.33	50	1	0.67	0.67	0.6	0	0.55	Below Average

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
England	67	0.5	550	0.9	0.67	60	0.67	0.67	0.33	0.65	0	0.62	Average
England	70	1	500	0.9	1	25	1	0.67	0.33	1	0	0.75	Good
England	71	1	150	0.5	0.67	90	1	1	0.67	1	0	0.62	Average
England	72	1	100	0.5	0.67	60	1	1	0.67	1	0	0.65	Average
England	74	1	300	0.9	1	60	0.01	0.67	0.67	1	0	0.49	Poor
England	75	1	150	0.1	0.1	100	1	1	0.33	1	100	0.42	Poor
England	79	0.5	250	1	0.67	20	1	0.67	0.67	0.6	70	0.73	Good
England	81	0.5	200	0.9	0.33	5	1	0.33	0.67	0.95	60	0.64	Average
England	82	1	250	0.9	0.67	40	0.67	0.67	0.67	0.97	50	0.77	Good
England	84	1	450	0.9	1	0	0.01	0.67	0.33	0.91	0	0.47	Poor
England	90	1	50	0.5	0.67	100	1	1	0.67	0.89	5	0.52	Below Average
Wales	90	0.5	100	0.9	0.67	95	1	0.67	0.65	1	0	0.55	Below Average
Wales	91	0.5	1900	0.9	1	10	0.67	0.67	0.65	1	0	0.72	Good
England	91	1	100	1	0.67	100	1	1	0.67	0.89	5	0.6	Average
Wales	92	1	450	0.9	0.67	15	0.01	1	0.6	0.67	0	0.48	Poor
England	94	1	500	1	0.67	0	0.67	0.67	0.67	0.75	75	0.83	Excellent
England	95	1	500	1	0.67	0	0.67	0.67	0.67	0.75	5	0.75	Good
England	96	1	600	1	0.67	0	1	0.67	0.33	0.75	5	0.72	Good
England	97	1	400	1	0.67	60	1	0.67	1	0.75	5	0.79	Good
England	99	0.5	500	1	0.33	10	0.67	0.67	0.33	0.65	1	0.59	Below Average
England	100	0.5	400	0.9	0.33	1	0.67	0.67	0.33	1	0	0.59	Below Average

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
Wales	103	0.5	150	0.5	0.33	0	0.67	0.67	0.33	0.1	0	0.4	Poor
England	108	0.5	550	0.9	0.67	60	0.67	0.67	1	0.91	10	0.74	Good
England	109	0.5	40	0.5	0.67	100	0.67	0.67	0.33	0.6	80	0.41	Poor
England	110	0.5	21	0.5	0.67	80	0.67	0.67	0.33	0.6	20	0.43	Poor
England	111	1	50	0.5	0.67	100	0.01	0.67	0.33	1	0	0.27	Poor
Wales	112	0.5	10	0.5	0.67	100	1	1	0.72	0.1	0	0.42	Poor
England	112	1	600	0.1	0.67	90	1	1	1	0.8	0	0.6	Average
England	114	1	100	1	0.67	30	1	1	1	0.67	0	0.73	Good
Wales	114	1	750	0.9	0.67	5	0.01	0.33	0.75	0.33	0	0.41	Poor
England	116	1	400	0.9	1	0	0.01	0.67	0.33	1	10	0.48	Poor
Wales	116	0.5	50	0.1	0.33	100	1	1	1	1	0	0.37	Poor
England	120	0.5	300	1	0.67	80	0.67	1	1	0.4	60	0.7	Good
England	121	0.5	200	0.9	0.67	95	1	0.67	0.67	0.8	50	0.63	Average
Wales	121	0.5	7.2	1	0.33	95	1	1	0.67	0.4	10	0.44	Poor
Wales	122	0.5	5	0.9	1	0	0.67	0.33	1	0.72	50	0.56	Below Average
England	122	0.5	450	0.9	0.67	45	0.67	0.67	0.33	1	30	0.69	Average
England	123	1	50	0.5	0.33	100	1	1	0.33	1	0	0.42	Poor
England	124	1	50	0.5	0.33	100	1	1	0.33	1	0	0.42	Poor
England	125	0.5	200	1	0.1	90	0.67	0.67	0.33	1	50	0.5	Below Average
England	127	1	2500	0.5	0.67	60	1	0.67	0.67	1	0	0.73	Good
England	128	0.5	1350	1	0.67	80	0.67	0.67	0.33	1	30	0.66	Average
England	129	1	150	0.5	1	80	1	1	0.67	1	10	0.69	Average
England	130	1	50	0.9	0.33	0	0.01	1	0.33	1	0	0.35	Poor

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
England	131	1	500	0.5	0.1	0	1	1	0.33	0.65	0	0.56	Below Average
England	132	0.5	150	1	0.67	80	0.67	0.67	0.33	0.91	80	0.62	Average
England	134	0.5	50	1	1	40	1	0.67	0.67	0.72	20	0.58	Below Average
Wales	137	0.5	100	1	0.33	100	1	0.67	0.4	0.67	100	0.5	Below Average
England	138	0.5	100	0.9	0.33	50	0.67	0.67	0.33	0.6	20	0.52	Below Average
England	139	1	50	0.1	0.67	0	0.67	0.67	0.33	0.4	100	0.42	Poor
England	140	1	50	0.1	0.33	100	1	1	0.33	1	0	0.38	Poor
England	141	1	400	0.9	0.67	0	1	1	0.33	0.95	0	0.73	Good
England	142	1	550	0.5	0.33	80	1	1	1	0.67	0	0.68	Average
Wales	144	1	150	1	0.67	50	0.67	1	0.33	0.1	40	0.56	Below Average
Wales	148	0.5	100	0.9	1	90	1	1	0.67	1	50	0.69	Average
Wales	150	1	150	0.9	0.33	50	0.67	0.33	0.4	1	0	0.55	Below Average
Wales	152	1	100	0.5	0.33	100	1	0.33	1	0.33	100	0.47	Poor
Wales	154	0.5	300	0.9	1	35	1	0.67	1	1	0	0.75	Good
Wales	155	0.5	150	0.9	1	20	1	0.67	1	1	0	0.7	Good
Wales	156	1	2500	0.9	1	25	1	0.67	1	1	0	0.79	Good
Wales	157	0.5	100	0.5	1	50	1	1	1	0.67	20	0.66	Average
Wales	160	0	950	0.9	1	40	0.01	0.01	0.67	0.89	5	0.31	Poor
Wales	161	0.5	250	0.9	1	50	1	0.67	1	0.95	5	0.74	Good

Location	Waterbody Reference	Geographic location	Area m^2	Permanence	Water quality	Shade (%)	Waterfowl effect	Fish presence	Waterbody density	Terrestrial habitat	Macrophyte cover (%)	HSI Score	Suitability
England	162	1	300	0.5	0.33	100	1	1	0.33	1	0	0.54	Below Average
England	163	1	250	0.5	0.67	100	1	1	0.33	1	0	0.57	Below Average
England	164	1	200	0.5	0.33	100	1	1	0.33	1	0	0.51	Below Average
England	165	1	800	0.9	0.67	5	0.01	0.67	0.33	1	0	0.46	Poor
England	166	0.5	350	0.9	1	0	1	0.67	1	1	5	0.77	Good
England	167	0.5	500	0.9	1	0	1	1	1	1	10	0.84	Excellent
England	168	0.5	350	0.9	1	0	1	0.67	1	1	50	0.84	Excellent
England	169	0.5	350	0.9	1	50	1	0.67	1	1	15	0.79	Good
England	170	0.5	50	0.5	1	10	1	0.67	1	1	10	0.61	Average
England	171	0.5	450	0.9	1	20	1	1	0.67	1	0	0.78	Good
England	172	0.5	1800	0.9	1	1	1	0.67	1	1	0	0.78	Good

Annex C

RESULTS OF PRESENCE / LIKELY ABSENCE SURVEYS

Table 8 - Presence / Likely Absence Survey Results

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
Waterbodies located in Wales									
CL1									
26.04.2022	No	3	0	No	11	4	5	1 Lh male	N/A
10.05.2022	No	3	0	No	13	4	3	5 Lv female	N/A
31.05.2022	No	1	0	No	12	5	N/A	No	N/A
14.06.2022	No	2	0	No	15	5	N/A	1 Lh male	N/A
Waterbody 4									
15.03.2022	No	3	0	No	8	0	2	No	N/A
23.03.2022	No	3	0	No	9	1	2	Frogspawn	N/A
13.04.2022	No	3	0	No	10	1	1	No	N/A
26.04.2022	No	2	0	No	9	0	3	No	N/A
Waterbody 5									
28.04.2021	No	3	0	No	10	1	2	No	N/A
11.05.2021	No	3	0	No	11	1	2	No	N/A
25.05.2021	No	3	0	No	12	1	2	No	N/A
02.06.2021	No	3	0	No	19	1	2	No	N/A
Waterbody 8									
16.03.2022	No	3	0	No	6	2	3	No	N/A
24.03.2022	No	3	0	No	10	2	3	86 Rt	N/A
19.04.2022	No	3	0	No	12	1	3	2 Lv Female	N/A
28.04.2022	No	3	0	No	10	1	5	No	N/A
Waterbody 9									
17.03.2022	No	3	0	No	9	3	4	L sp. Eggs	N/A
19.04.2022	No	3	0	No	12	3	1	5 Lv Male 10 Lv Female 4 Lh Male	N/A
28.04.2022	Yes	3	2 Male	No	8	4	3	2 Lv Male 5 Lv Female 1 Lh Male 1 L sp. Unknown 2 Tadpoles	Small
11.05.2022	Yes	3	0	Yes	10	3	2	4 Lv Male 20 Lv Female 3 Lh Male 2 Lh Female L sp. Eggs	N/A

[6] Using one survey method (i.e., torch or bottle trap)
[7] Other amphibians are denoted using scientific names. Lh = *Lissotriton helveticus* palmate newt, Lv = *Lissotriton vulgaris,* smooth newt; L sp = *Lissotriton* species, when it was not possible to ID down to species level, Bb = *Bufo bufo,* common toad, Rt = *Rana temporaria,* common frog.

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
								2 Rt Tadpoles	
17.05.2022	No	2	0	No	10	4	3	4 Lv Male 2 Lv Female 1 L sp. Female	N/A
31.05.2022	**DRY**								
Waterbody 13									
17.03.22	No	3	0	No	9	3	5	No	N/A
19.04.22	**DRY**								
Waterbody 14									
19.05.2021	Yes	3	1	Yes	14	2	1	5 Lv Male 6 Lv Female	Small
26.05.2021	No	3	0	No	14	2	1	31 Lv Male 35 Lv Female	N/A
03.06.2021	Yes	3	2 Female	No	13	4	1	8 Lv Male 10 Lv Female 1 Lh Male	Small
14.06.2021	No	3	0	No	14	2	3	3 Lv Male 10 Lv Female	N/A
22.06.2021	No	3	0	No	11	3	2	1 Lv Male 4 Lv Female	N/A
29.06.2021	No	3	0	No	13	3	2	2 Lv Female	N/A
Waterbody 14a									
19.05.2021	No	3	0	No	14	3	2	8 Lv Male 3 Lv Female	N/A
26.05.2021	No	3	0	No	14	3	2	2 Lv Male 1 Lv Female	N/A
03.06.2021	**DRY**								
Waterbody 15									
19.05.2021	Yes	3	1	Yes	14	2	1	4 Lv Male 18 Lv Female 3 L sp. Imm.	Small
26.05.2021	Yes	3	3	No	14	2	1	11 Lv Male 2 Lv Female	Small
03.06.2021	Yes	3	1	No	14	2	1	10 Lv Male 12 Lv Female 1 Lh Female	Small
14.06.2021	Yes	3	4	No	14	3	3	6 Lv Male 5 Lv Female 1 L sp. Imm.	Small
22.06.2021	Yes	3	1	Yes	11	4	3	3 Lv Male 2 Lv Female 1 L sp. Imm.	Small
29.06.2021	Yes	3	2 Male	No	13	4	1	2 Tc Imm.	Small

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
Waterbody 17/18									
30.03.2021	No	3	0	No	14	1	4	3 Lv Male 2 Lv Female	N/A
12.04.2021	No	3	0	No	3	1	3	No	N/A
19.04.2021	No	3	0	No	9	3	3	1 Lv Male	N/A
10.05.2021	No	3	0	No	8	1	4	No	N/A
Waterbody 19									
30.03.2021	No	3	0	No	14	0	4	No	N/A
12.04.2021	No	3	0	No	3	0	1	No	N/A
19.04.2021	No	3	0	No	9	1	3	No	N/A
10.05.2021	No	3	0	No	9	0	4	No	N/A
Waterbody 20									
30.03.2021	No	3	0	No	14	1	4	2 Lv Female	N/A
12.04.2021	No	3	0	No	3	1	1	No	N/A
19.04.2021	No	3	0	No	9	1	2	1 Lv Female	N/A
10.05.2021	No	3	0	No	8	1	4	No	N/A
Waterbody 21									
30.03.2021	No	3	0	No	14	1	4	No	N/A
12.04.2021	No	3	0	No	3	0	1	No	N/A
19.04.2021	No	3	0	No	9	1	1	No	N/A
10.05.2021	No	3	0	No	8	1	4	No	N/A
Waterbody 22									
30.03.2021	No	3	0	No	14	4	4	1 Lv Male 2 Lv Female	N/A
12.04.2021	No	3	0	No	3	4	1	No	N/A
19.04.2021	No	3	0	No	7	5	2	Lv Egg	N/A
10.05.2021	No	3	0	No	8	4	4	No	N/A
Waterbody 25									
17.03.2022	No	3	0	No	7	4	0	No	N/A
04.04.2022	No	1	0	No	12	4	1	No	N/A
20.04.2022	**DRY**								
Waterbody 27									
17.03.2022	No	2	0	No	7	0	1	No	N/A
04.04.2022	No	2	0	No	12	1	3	No	N/A
20.04.2022	No	2	0	No	16	1	4	No	N/A
25.04.2022	No	2	0	No	9	1	4	No	N/A
Waterbody 30									
16.03.2022	No	3	0	No	7	1	3	No	N/A
05.04.2022	No	3	0	No	11	0	4	No	N/A
28.04.2022	No	3	0	No	11	0	1	2 Rt Tadpoles	N/A
12.05.2022	No	3	0	No	12	2	4	Tadpoles	N/A

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
Waterbody 31									
15.03.2022	No	3	0	No	8	1	2	1 Lv Female	N/A
07.04.2022	Yes	3	1	No	5	1	2	No	Small
26.04.2022	Yes	3	1	Yes	11	1	3	1 Lv Male L sp. Eggs Tadpoles	Small
10.05.2022	Yes	3	6	Yes	12	1	2	1 Lv Female 1 Lh Male Tadpoles	Small
19.05.2022	Yes	3	4	Yes	13	2	3	1 Lh Male Bb Tadpoles	Small
24.05.2022	Yes	2	2	No	12	1	4	No	Small
Waterbody 32									
15.03.2022	No	3	0	No	8	3	3	1 Bb	N/A
07.04.2022	No	3	0	No	5	1	2	No	N/A
26.04.2022	No	3	0	No	11	1	1	1 Lv Male	N/A
10.05.2022	No	3	0	No	12	2	2	1 Lv Male 1 Lv Female 1 Lh Male	N/A
Waterbody 33									
15.03.2022	No	3	0	No	11	3	3	No	N/A
07.04.2022	No	3	0	No	5	2	2	No	N/A
26.04.2022	No	3	0	No	11	2	1	1 Lv Male	N/A
10.05.2022	No	3	0	No	12	2	3	No	N/A
Waterbody 34									
16.03.2022	No	3	0	No	7	1	2	No	N/A
05.04.2022	No	3	0	No	11	1	3	No	N/A
28.04.2022	No	3	0	No	16	1	3	7 Lv Male 1 Lv Female L sp. Egg	N/A
12.05.2022	No	3	0	No	11	2	3	1 Lv Male L sp. Egg Tadpoles	N/A
Waterbody 35									
16.03.2022	No	3	0	No	7	1	2	No	N/A
05.04.2022	No	3	0	No	11	1	2	1 Lv Female	N/A
28.04.2022	Yes	3	0	Yes	7	2	2	2 Lv Male	N/A
12.05.2022	Yes	3	7	No	11	1	2	2 Lh Male	Small
19.05.2022	Yes	3	5	No	11	1	3	4 Lv Male 4 Lv Female 1 Lh Male 2 L sp. Female	Small
24.05.2022	No	3	0	No	12	0	3	1 Lv Male	N/A

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
								2 Lv Female 2 L sp. Male 4 L sp. Female	
Waterbody 36									
11.05.2022	No	3	0	No	11	0	3	1 Lh Male 1 Bb	N/A
19.05.2022	No	3	0	No	13	0	4	2 Lh Male	N/A
31.05.2022	No	3	0	No	10	0	2	1 Lh Male	N/A
14.06.2022	No	3	0	No	13	0	1	No	N/A
Waterbody 37									
15.03.2022	No	3	0	No	12	0	3	No	N/A
06.04.2022	No	2	0	No	9	0	2	No	N/A
27.04.2022	No	3	0	No	16	0	2	No	N/A
11.05.2022	No	3	0	No	12	0	2	No	N/A
Waterbody 38									
15.03.2022	No	3	0	No	12	0	2	No	N/A
06.04.2022	No	2	0	No	9	0	2	No	N/A
27.04.2022	No	3	0	No	16	0	3	No	N/A
11.05.2022	Yes	3	1 Female	No	11	0	3	1 Lh Male	Small
19.05.2022	No	3	0	No	13	0	3	1 Lv Female 2 Lh Male	N/A
24.05.2022	Yes	3	3	No	12	0	2	1 Lh Male 1 Lh Female 1 L sp. Female	Small
Waterbody 40									
27.04.2021	No	3	0	No	16	0	1	No	N/A
11.05.2021	No	3	0	No	11	1	2	No	N/A
19.05.2021	No	3	0	No	9	1	2	No	N/A
07.06.2021	No	3	0	No	16	1	4	No	N/A
Waterbody 43									
20.04.2021	No	3	0	No	9	2	4	1 Lv Male	N/A
17.05.2021	No	3	0	No	10	2	5	No	N/A
01.06.2021	No	3	0	No	15	2	5	No	N/A
15.06.2021	No	3	0	No	14	2	4	No	N/A
Waterbody 44									
20.04.2021	No	3	0	No	9	2	3	1 Lv Male	N/A
17.05.2021	No	3	0	No	9	2	3	1 Lv Male	N/A
01.06.2021	No	3	0	No	14	2	4	1 Lv Male 2 Lv Female 1 Lh Male	N/A
15.06.2021	No	3	0	No	14	2	3	3 Lv Male 5 Lv Female	N/A
Waterbody 49									

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
20.04.2021	No	3	0	No	9	3	4	4 Lv Male 13 Lv Female	N/A
17.05.2021	Yes	3	1	No	10	3	4	3 Lv Male 6 Lv Female	Small
01.06.2021	No	3	0	No	10	3	4	2 Lv Male	N/A
15.06.2021	No	3	0	No	14	4	5	1 Lv Female	N/A
22.06.2021	No	3	0	No	11	2	5	No	N/A
29.06.2021	No	3	0	No	13	2	5	No	N/A
Waterbody 51									
04.04.2022	No	3	0	No	12	0	2	1 Lh: Female	N/A
26.04.2022	No	3	0	No	11	0	3	1 L sp. Female	N/A
10.05.2022	No	3	0	No	13	0	4	1 Lv Female	N/A
17.05.2022	No	3	0	No	13	0	4	No	N/A
Waterbody 90									
14.03.2022	No	3	0	No	6	1	1	1 Bb	N/A
22.03.2022	No	3	0	No	14	1	0	2 Bb 1 Rt	N/A
12.04.2022	No	3	0	No	13	0	0	No	N/A
26.04.2022	No	3	0	No	11	0	1	No	N/A
Waterbody 91									
14.03.2022	No	3	0	No	6	1	1	13 Bb 2 Bb Juvenile 1 Rt 1 Rt Juvenile	N/A
22.03.2022	No	3	0	No	14	0	1	13 Bb	N/A
12.04.2022	No	3	0	No	13	1	3	No	N/A
26.04.2022	No	3	0	No	11	4	0	2 Lv Male	N/A
Waterbody 92									
14.03.2022	No	3	0	No	6	1	3	No	N/A
22.03.2022	No	3	0	No	11	0	4	No	N/A
12.04.2022	No	2	0	No	12	1	1	No	N/A
28.04.2022	No	1	0	No	9	1	5	No	N/A
Waterbody 112									
15.03.22	No	1	0	No	7	0	2	No	N/A
23.03.22	No	1	0	No	11	0	2	No	N/A
13.04.22	No	1	0	No	10	0	2	No	N/A
26.04.22	**DRY**								
Waterbody 113									
16.03.2022	No	3	0	No	7	1	1	No	N/A
05.04.2022	No	3	0	No	11	0	1	No	N/A
28.04.2022	No	3	0	No	11	0	2	No	N/A
12.05.2022	No	3	0	No	12	0	2	No	N/A
Waterbody 114									

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
15.03.2022	No	3	0	No	8	1	2	1 Lv Female	N/A
23.03.2022	No	3	0	No	10	2	2	No	N/A
13.04.2022	No	3	0	No	10	2	2	No	N/A
26.04.2022	No	3	0	No	9	1	5	No	N/A
Waterbody 116									
16.03.2022	No	2	0	No	6	2	4	No	N/A
04.04.2022	**DRY**								
Waterbody 137									
12.04.22	No	3	0	No	13	3	2	7 Lv Female 1 Lv Male	N/A
28.04.22	No	3	0	No	9	3	1	1 Lv Female	N/A
10.05.22	**DRY**								
Waterbody 149									
15.03.2022	No	2	0	No		0	3	No	N/A
23.03.2022	No	1	0	No	11	0	3	No	N/A
13.04.2022	No	1	0	No	10	0	2	No	N/A
26.04.2022	No	0	0	No	9	0	4	No	N/A
Waterbody 150									
24.03.2022	No	3	0	No	12	0	3	No	N/A
19.04.2022	No	2	0	No	11	1	2	No	N/A
28.04.2022	No	3	0	No	10	0	1	No	N/A
10.05.2022	No	2	0	No	11	0	1	No	N/A
Waterbody 152									
14.03.2022	No	3	0	No	8	4	1	No	N/A
24.03.2022	No	3	0	No	12	5	1	No	N/A
20.04.2022	No	3	0	No	16	1	3	3 Lv – 1 Male 2 Female	N/A
28.04.2022	No	3	0	No	8	4	4	No	N/A
Waterbody 153									
15.03.2022	No	3	0	No	8	0	3	1 L sp. Imm.	N/A
07.04.2022	No	3	0	No	5	0	2	No	N/A
26.04.2022	No	3	0	No	10	1	3	1 L sp. Imm.	N/A
10.05.2022	No	3	0	No	13	1	4	2 Lh Male 1 L sp. Imm.	N/A
Waterbody 154									
15.03.2022	Yes	3	2	No	11	2	2	2 Lv Female	Small
06.04.2022	No	2	0	No	9	2	2	No	N/A
11.05.2022	Yes	3	1	No	11	2	3	No	Small
31.05.2022	Yes	3	1	No	10	1	3	1 Lh Male	Small
14.06.2022	No	3	0	No	13	2	3	No	N/A
21.06.2022	Yes	3	2	No	13	2	3	1 Lh Male 1 L sp. Female	N/A

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
Waterbody 155									
15.03.2022	No	3	0	No	11	1	3	No	N/A
06.04.2022	Yes	3	5	No	9	2	2	No	Small
11.05.2022	Yes	3	1	No	11	1	3	4 Lh Male 1 Lh Female	Small
31.05.2022	Yes	3	1	No	10	1	2	No	Small
14.06.2022	No	3	0	No	13	2	3	3 Lv Female 2 Lh Female 1 L Sp. Female	N/A
21.06.2022	Yes	3	1	No	13	2	3	1 Lv Male 1 Lv Female 2 L sp. Female	Small
Waterbody 157									
17.03.2022	Yes	3	0	Yes	6	3	2	No	N/A
04.04.2022	Yes	3	8	No	12	2	2	2 Lv Male 1 Lv Female 1 Lh Male	Small
20.04.2022	Yes	2	19	Yes	16	3	1	1 Lv Male 4 Lv Female 3 Lh Male 1 Lh Female	Medium
26.04.2022	Yes	2	12	No	11	2	2	3 Lv Male 2 Lv Female	Medium
10.05.2022	Yes	2	4	No	13	2	2	3 Lv Male	Small
17.05.2022	Yes	2	5	No	16	3	3	3 Lv Male 2 Lv Female 1 Lh Female 3 L sp. Female	Small
Waterbody 160									
15.03.2022	No	2	0	No	8	1	1	No	N/A
23.03.2022	No	3	0	No	9	1	2	No	N/A
13.04.2022	No	3	0	No	10	1	4	No	N/A
26.04.2022	No	2	0	No	9	0	4	No	N/A
Waterbody 161									
24.03.2022	Yes	3	2	Yes	12	2	0	1 Lv Male 2 Lv Female 11 Lh Male	Small
21.04.2022	Yes	3	12	No	15	3	0	3 Lv Male 5 Lv Female 1 Lh Male 1 Lh Female	Medium
28.04.2022	Yes	3	4	No	8	2	0	3 Lv Female 4 L sp. Unknown	Small

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
11.05.2022	Yes	2	10	No	10	3	1	4 Lv Male 15 Lv Female 3 Lh Male 1 Lh Female 5 L sp. Female	Small
17.05.2022	Yes		15	No	10	3	1	1 Lv Male 2 Lh Male 1 Lh Female 23 L sp. Female	Medium
England Waterbodies Within the Red Risk Zone									
Waterbody 43									
14.04.2021	No	3	0	No	8	4	2	No	N/A
26.04.2021	Yes	3	1 Male	No	11	3	5	1 Lv Male	Small
06.05.2021	No	3	0	No	8	1	5	No	N/A
18.05.2021	No	3	0	No	13	2	2	1 Lv Female	N/A
27.05.2021	Yes	3	1 Female	No	13	2	4	No	Small
23.06.2021	**DRY**								
Waterbody 45									
14.04.2021	No	3	0	No	8	0	1	No	N/A
26.04.2021	No	3	0	No	11	0	3	No	N/A
06.05.2021	No	3	0	No	8	0	1	No	N/A
18.05.2021	No	3	0	No	13	1	3	No	N/A
Waterbody 46									
14.04.2021	No	3	0	No	8	1	2	No	N/A
26.04.2021	Yes	3	1	No	11	1	3	3 Lv Male 1 Lv Female	Small
06.05.2021	No	3	0	No	8	1	0	No	N/A
18.05.2021	No	3	0	No	13	2	2	No	N/A
27.05.2021	Yes	3	1	No	13	2	2	No	Small
23.06.2021	No	3	0	No	13	2	5	No	N/A
Waterbody 47									
14.04.2021	No	2	0	No	9	4	1	No	N/A
26.04.2021	No	2	0	No	11	4	1	No	N/A
06.05.2021	No	0	0	No	8	N/A	N/A	No	N/A
18.05.2021	No	0	0	No	13	N/A	N/A	No	N/A
Waterbody 50									
14.04.2021	No	3	0	No	8	1	5	No	N/A
06.05.2021	No	3	0	No	8	1	5	No	N/A
18.05.2021	No	3	0	No	13	1	2	No	N/A
27.05.2021	No	3	0	No	13	1	2	1 Lv Female	N/A
Waterbody 51									
14.04.2021	No	2	0	No	9	0	1	1 Lv Female	N/A
26.04.2021	No	1	0	No	8	1	4	No	N/A

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
06.05.2021	No	1	0	No	8	1	4	No	N/A
18.05.2021	No	1	0	No	13	1	4	No	N/A
Waterbody 52									
14.04.2021	No	3	0	No	8	4	1	No	N/A
26.04.2021	No	0	0	No	N/A	N/A	N/A	No	N/A
06.05.2021	No	3	0	No	8	5	1	No	N/A
18.05.2021	No	0	0	No	13	2	5	No	N/A
Waterbody 53									
31.03.21	No	3	0	No	17	4	1	No	N/A
14.04.21	No	3	0	No	7	4	1	No	N/A
26.04.21	No	3	0	No	11	3	3	4 Lv Male 2 Lv female	N/A
06.05.21	No	3	0	No	8	3	2	5 Lv Male	N/A
Waterbody 54									
11.04.2022	No	3	0	No	13	3	1	No	N/A
21.04.2022	No	3	0	No	15	3	2	No	N/A
26.04.2022	**DRY**								
Waterbody 112									
21.03.2022	No	2	0	No	8	1	0	No	N/A
21.04.2022	**DRY**								
Waterbody 114									
21.03.2022	No	3	0	No	8	0	2	1 Lv Male 1 Bb	N/A
11.04.2022	No	3	0	No	13	1	2	No	N/A
21.04.2022	No	3	0	No	15	2	2	No	N/A
26.04.2022	No	3	0	No	11	2	3	4 Lv Male	N/A
Waterbody 142									
14.03.2022	No	3	0	No	8	1	0	No	N/A
21.03.2022	No	3	0	No	8	1	0	1 Bb	N/A
21.04.2022	No	2	0	No	15	1	2	No	N/A
25.04.2022	No	2	0	No	10	1	4	No	N/A
Waterbody 166									
15.03.2021	Yes	2	0	Egg	10	2	2	No	N/A
29.03.2021	Yes	2	0	Egg	9	2	2	1-10 Bb, spawn	N/A
12.04.2021	Yes	2	0	Egg	7	2	2	No	N/A
26.04.2021	Yes	2	0	Egg	12	2	2	No	N/A
10.05.2021	No	1	0	No	12	2	2	No	N/A
24.05.2021	No	1	0	No	11	2	2	No	N/A
Waterbody 167									
15.03.2021	Yes	1	2	No	10	2	3	No	Small
12.04.2021	Yes	1	7	No	7	2	3	No	Small
26.04.2021	No	1	0	No	12	2	3	No	N/A

Date	GCN recorded	Number of methods	Peak adult GCN count[6]	GCN Eggs or larvae?	Air temperature (°C)	Vegetation cover (0-5)	Turbidity (0-5)	Other amphibians[7]	Population size class
10.05.2021	Yes	1	1	No	12	2	3	No	Small
24.05.2021	Yes	1	6	No	11	2	3	No	Small
Waterbody 168									
12.04.2021	No	1	0	No	7	4	3	No	N/A
26.04.2021	No	1	0	No	12	4	3	No	N/A
10.05.2021	No	1	0	No	12	4	3	No	N/A
24.05.2021	No	1	0	No	11	4	3	No	N/A
Waterbody 169									
16.03.2022	No	2	0	No	3	0.5	5	1 Bb	N/A
30.03.2022	No	2	0	No	3	2.5	5	No	N/A
13.04.2022	Yes	2	1	No	3	2.5	1	2 Lv Male 2 Lv Female	Small
27.04.2022	No	2	0	No	9	3	3	1 Lv Male 1 Lv Female 1 Rt	N/A
12.05.2022	No	2	0	No	11	2.5	5	2 Bb	N/A
19.05.2022	No	2	0	No	14	3	5	1 Lv Female 4 Rt	N/A
Waterbody 170									
12.04.2021	No	1	0	No	7	4	3	No	N/A
26.04.2021	No	1	0	No	12	4	3	No	N/A
10.05.2021	No	1	0	No	12	4	3	No	N/A
24.05.2021	No	1	0	No	11	4	3	No	N/A
Waterbody 171									
15.03.2021	Yes	2	1	Yes	10	2	2	No	Small
29.03.2021	Yes	1	2	No	9	2	2	No	Small
12.04.2021	No	1	0	No	7	2	3	No	N/A
26.04.2021	No	1	0	No	12	2	3	No	N/A
10.05.2021	No	1	0	No	12	2	3	No	N/A
24.05.2021	No	1	0	No	11	2	3	No	N/A
Waterbody 172									
12.04.2021	No	1	0	No	7	2	3	No	N/A
26.04.2021	No	1	0	No	12	2	3	No	N/A
10.05.2021	No	1	0	No	12	2	3	No	N/A
24.05.2021	No	1	0	No	11	2	3	No	N/A